

High Desert “Partnership in Academic Excellence” Foundation, Inc.

17500 Mana Road, Apple Valley, CA 92307 (760) 946-5414 (760) 946-9193 fax

Agenda for Regular Joint Meeting of the High Desert “Partnership in Academic Excellence” Foundation, Inc. Board of Directors Academy for Academic Excellence School Board Committee and Norton Space and Aeronautics Academy School Board Committee

Meeting at Academy for Academic Excellence, Mojave River Campus, Bldg. G
17500 Mana, Apple Valley, CA 92307

December 9, 2013 - Public Meeting – 8:00 a.m.

- 1.0 **CALL TO ORDER:** Chairman Bud Biggs
- 2.0 **ROLL CALL:**
 - .01 Foundation Board: Chairman Bud Biggs
 - .02 AAE School Board Committee: Chairman Kevin Porter
 - .03 NSAA School Board Committee: Chairman
- 3.0 **PUBLIC COMMENTS:** Members of the general public may address the Board. A time limit of five minutes shall be observed. Members of the public wishing to speak must fill out a Request to Speak form and give it to the Recording Secretary. NOTE: Public comments pertaining to Action Items appearing on the Agenda will be taken as the item is considered.
- 4.0 **SPECIAL PRESENTATIONS/ ANNOUNCEMENTS :**
 - .01 AFJROTC Evaluation – George Armstrong
 - .02 AAE Common Core Expenditure Plan 2013-14 – Lisa Lamb
 - .03 NSAA Common Core Expenditure Plan 2013-14 – Lupita Girard
- 5.0 **CORRESPONDENCE:**
 - .01 Desert Valley Hospital
- 6.0 **DISCUSSION ITEMS:**
 - .01 College Campus – Rick Piercy
 - .02 Split Locations for Foundation Board Meetings – Gordon Soholt
 - .03 Offering a Supplementary Retirement Plan to Staff – Jim Quinn
 - .04 Banking Changes Based on Audit Recommendation – Jim Quinn
- 7.0 **INFORMATION:**
 - .01 Staff Reports - Included in Packet
 - .02 President/CEO Report – Rick Piercy
 - .03 AAE Principal's Report – Gordon Soholt
 - .04 NSAA Principal's Report – Lupita Girard
- 8.0 **STANDING BOARD COMMITTEE REPORTS:**
 - .01 (a) Budget/Audit Committee – Russell Stringham
 - (b) Fundraising Committee – Donna Siegel
 - (c) Personnel Committee – Stacy Newman
- 9.0 **STAFF COMMENTS:**
- 10.0 **BOARD MEMBER COMMENTS:**
- 11.0 **FOUNDATION BOARD CONSENT AGENDA:**
 - .01 Approve Minutes of September 9, 2013 Regular Meeting
 - .02 Approve July 1, 2013 through October 31, 2013 Financial Reports
 - .03 Approve Foundation Financial Reports for August 2013, September 2013 and October 2013
 - .04 Approve Resolution 2013-01 – SELF Withdrawal Resolution for 2014-15
 - .05 Approve NSAA Petty Cash Fund of \$200

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- .06 Approve Credit Card for Lloyd Quarles With a \$1,000 Limit
- .07 Approve BP 4361 – Family Care & Medical Leave Revisions
- .08 Accept Resignation Letter from Jeff Lewis

12.0 **FOUNDATION BOARD ACTION ITEMS:**

- .01 Approve Renewal of Term for David Bains and Regina Bell
- .02 Appoint Foundation Board Officers: Chairman, Vice Chairman, Treasurer and Secretary
- .03 Approve Services by Parsons Brinckerhoff for Predevelopment of College Campus

13.0 **AAE SCHOOL BOARD COMMITTEE CONSENT AGENDA:**

- .01 Approve Minutes of November 14, 2013 Regular Meeting
- .02 Approve AAE Comparatives – November 2013
- .03 Approve AAE 1st Interim Report
- .04 Approve AAE Varsity Boys Basketball Tournament Overnight Field Trip December 26-30, 2013 to Palm Springs, CA
- .05 Approve Resolution 2013-02 AAE Education Protection Account

14.0 **NSAA SCHOOL BOARD COMMITTEE CONSENT AGENDA:**

- .01 Approve Minutes of November 20, 2013 Regular Meeting
- .02 Approve NSAA Financial Report – November 2013
- .03 Approve NSAA 1st Interim Report
- .04 Approve Resolution 2013-03 NSAA Education Protection Account

15.0 **NSAA SCHOOL BOARD COMMITTEE ACTION ITEMS:**

- .01 Approval of Modification to NSAA Charter: Section IV-C (School will serve grades K through 12)
- .02 Approval of Modification to NSAA Charter: Change to Renewal Application (Curriculum & Instruction Design)
- .03 Approval of Modification to NSAA Charter: Change to Renewal Application (Chinese as a Foreign/World Language)
- .04 Appoint Chairman of NSAA School Board Committee

16.0 **CLOSED SESSION:**

- .01 Public Employee Performance Evaluation: President/CEO

17.0 **ADJOURNMENT:** Chairman Biggs

Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this meeting is asked to advise the agency at least 48 hours before the meeting by calling (760) 946-5414 x201.

Any written materials relating to agenda items to be discussed in open session are available for public inspection prior to the meeting at 16020 Apple Valley Rd., Ste. B1, Apple Valley, CA.

AAE Common Core Expenditures

2013-2014

Date	Training	# of Participants	Projected Cost
Training			
13-Jun			
Training Subtotal			\$54,671.00
Instructional Materials			
Instructional Materials Subtotal			\$1,000.00
Technology			
Technology Subtotal			\$128,600.00
TOTAL			\$184,271.00

NSAA Common Core Expenditures Plan 2013-2014						
Date	Training	# of Participants & Cost	Total			
June 17 & 18-13	CCSS all teachers training AAE-NSAA		\$11,200.00			
2013-2014	PLC Training	8X \$400	\$3,200.00			
2013-2014	Non-Fiction Leveled Readers K-7		\$6,640.00			
October , 2013	GLAD training-planning		\$500.00			
December, 2013	Number Talks K-7	Grade level and resource 8X \$70	\$560.00			
March, 2014	Mac Laptop cart in 3rd grade		\$35,000.00			
April, 2014	SBCSS Consultants-Michelle and Suzanne	2 X\$750	\$1,500.00			
				\$58,600.00		2013-2014
						Funds



November 8, 2013

Rick Piercy
President/CEO
The Lewis Center for Educational Research
17500 Mana Road
Apple Valley, CA 92307

Dear Mr. Piercy,

On behalf of the Prem Reddy Family Foundation, it is our privilege to support your educational efforts with a donation of \$125,000.00 for the water tower, gristmill and shade structure. We acknowledge your accomplishments and commit to the academic programs offered by the Lewis Center to the students of the High Desert.

Thank you for the honor of working with you.

Sincerely,

Margaret R. Peterson, PhD
Chief Executive Officer

Lewis Center for Educational Research

STAFF REPORT

Date: November 25, 2013
To: Foundation Board
From: Gordon Soholt
Re: Academic Operations

As we approach the mid-point of the year, there has been a lot of progress and a number of changes that have occurred within the academic setting of the LCER. Both the AAE and NSAA have, or are in the process of, finishing major building projects. The AAE Ryan Cambridge Grand Opening was held on November 8th to a standing room only crowd. A number of local politicians and dignitaries were present. NSAA has completed landscaping and is continuing to work with the City of San Bernardino regarding the construction of a median on Central Street.

Staff at both campuses, in conjunction with General Administration, has been hard at work preparing for the implementation of Common Core Standards and meeting the requirements for the newly implemented state-funding model, the Local Control Funding Formula (LCFF). You will hear more about these at the Board meeting. Many thanks to Principals Girard and Lamb, Jim Southwick, Jim Quinn and Cheryl Dale for their tremendous work in this area.

AAE

K-4

- November 6th, 13th, and 20th were our parent meetings for Love and Logic. Love and Logic Courses are being held at the Corwin Campus Auditorium this year. The Love and Logic parent meetings continue to blossom and grow. Sara Jeffs has a solid base of teaching in her lessons.
- The ASB Food Drive runs from November 4th to the 22nd. These food donations will help many needy AAE families this year at Christmas. The surplus is donated to local food banks.

- November 14th at 9:00 a.m., the PTC held their monthly meeting at the Corwin Campus. The Fall Festival was discussed and they made over \$17,400 dollars for the AAE. Great job one and all! Santa Shop begins on December 2nd. Coordinators for TBC are Mrs. Sarkesian and Lorraine Abadi. It will be held in T40. PTC raised \$1800 from the last submission of box tops! A discussion was held on what a grand time everyone had at the gymnasium dedication.
- The PTC Book Fairs and Parent/Teacher conferences ran simultaneously the week of November 4th-8th.
- On November 19th, Corwin Campus held a Parent Volunteer Workshop. We now have over 800 parents fingerprinted and registered to assist in classes, on field trips and supporting special events.
- On November 19th and 20th, the KIT (Knights In Training) Workshops were held at Thunderbird Campus. Several of our AAE teachers and Madison and Morgan Lamb volunteered to make the evenings a success. Parents listened to Mr. Rosell as he explained Love and Logic techniques. Mrs. Kobold spoke on the importance of Early Literacy. Many strategies were given that parents can use right away to help their future kindergartner prep for alphabet, numbers, spelling, reading, and math. These KIT workshops are most valuable to teachers as well, in getting to know the students in advance and plan for next year.
- November 20th was the First Trimester Awards ceremony at Thunderbird. Mrs. Lamb presented students in each class with academic awards and attendance awards.
- November 25th and 26th were the First Grade and Kindergarten Pilgrim Feasts.
- Below are the discipline totals for AAE Elementary School (Grades K to 4) for the 2013-2014 school year.

In-House Suspensions.....0

Suspensions.....1

Expulsions.....0

5th – 8th Grades

- ASB
 - Leadership Camp at Pine Summit (7th and 8th Grade) - 9/15/13
 - Fundraiser- Krispy Kreme Donut Sale

- Discount Card Fundraiser
- Community
 - Weekly Homework Center
 - Shoe Recycling Program
 - Parents and Pastries 9/27, 10/25, 11/22
 - Fall Festival 10/25/13
 - New parking protocol which alleviated congestion in surrounding neighborhood
 - Generated substantial revenue to support AAE students
 - Parent Technology Meetings- 9/24, 10/29
 - Parent Volunteer Workshop- 10/29/13
 - Gym Dedication Ceremony- 11/8/13
 - Blood Drive- 10/30/13
 - MRC Community Traffic Meeting- 11/14/13
- PTC
 - Fall Book Fairs
 - Panda Express Fundraiser- 10/16/13
 - Del Taco Fundraiser 11/20/13
- Love and Logic
 - Weekly Parenting Classes
- VPA
 - Concert Band Field Trip- 9/19/13
 - Concert Band- Hesperia Days Parade- 9/21/13
 - Knights of Stardom- 9/26, 10/17,11/14
 - DTASC Drama Competition (MS/HS)- 11/2/13
 - Elementary Talent Show Tryouts- 9/17/13
- Testing
 - ACT Explorer Test (8th Graders)- 9/19/13
- Interventions
 - After School Detention Hall- Monday-Thursday
 - Lunch Detentions- Monday-Friday
 - Weekly Homework Club- Thursday
 - Special Education Behavior Awards -11/20/13
- Other
 - Kick it for Cancer
 - 5th Grade A.R. Party Field Day- 9/27/13
 - Sibling Scramble- (5th & 6th) - 10/15/13
 - Awards Assemblies by Grade Levels (5th & 6th)
 - Parent-Teacher Conferences/Elementary Minimum Days 11/4-11/8
 - 7th Grade Fundraiser- Chili's Night - 11/16/13
 - Canned Food Drive
 - Shoe Recycling Program
 - M.S. Medieval Times Field Trip - 11/21/13

- M.S. TGIF Dance - 11/22/13
- Discipline totals for MS grades 5-8, 2013-2014
 - In-house suspensions 12
 - Suspensions 3
 - Expulsions 0

9th - 12th Grades

- ASB
 - Leadership Camp at Pine Summit (9th-12th Grade) - 9/15/13
 - Fundraiser- Krispy Kreme Donut Sale
 - Discount Card Fundraiser
 - Shoe Recycling Program
 - Canned Food Drive - 11/12-11/22
 - H.S. Winter Formal, Boulder Creek Ranch - 11/9/13
- AFJROTC
 - Del Taco Fundraiser - 9/25/13
 - Senior Cadet Trip to Washington D.C. - 9/28-10/2
 - Miramar Field Trip - 10/4/13
 - Trunk or Treat - 10/26/13
 - Car Wash Fundraiser - 10/26/13
 - Sports Day Competition Moreno Valley - 11/2/13
 - Flag Burning Ceremony - 11/11/13
 - Panda Express Fundraiser - 11/15/13
- Community
 - Weekly Homework Center
 - Shoe Recycling Program
 - Parents and Pastries - 9/27, 10/25, 11/22
 - Fall Festival - 10/25/13
 - New parking protocol which alleviated congestion in surrounding neighborhood
 - Generated substantial revenue to support AAE students
 - Parent Technology Meeting - 9/24, 10/29
 - Parent Volunteer Workshop - 10/29/13
 - Gym Dedication Ceremony - 11/8/13
 - Blood Drive - 10/30/13
 - MRC Community Traffic Meeting - 11/14/13
- PTC
 - Fall Book Fairs
 - Panda Express Fundraiser - 10/16/13
 - Del Taco Fundraiser - 11/20/13
- Love and Logic
 - Weekly Parenting Classes
- VPA
 - Concert Band Field Trip - 9/19/13

- Concert Band - Hesperia Days Parade - 9/21/13
- Knights of Stardom - 9/26, 10/17, 11/14
- DTASC Drama Competition (MS/HS) - 11/2/13
- Athletics
 - Volleyball in New Gym & Playoffs - 10/30/13
 - Cross Country League Finals (MS/HS) - 10/29/13
 - SRLA Race Universal Backlot - 11/17/13
 - H.S. Cross Country CIF Preliminaries - 11/16/13
- Testing Opportunities
 - PSAT - 10/19/13
 - ASVAB - 10/26/13
 - CAHSEE (11th & 12th Graders) - 11/5, 11/6
- Interventions
 - After School Detention Hall- Monday through Thursday
 - Lunch Detentions- Monday through Friday
 - Weekly Homework Club - Thursday
- Other
 - Distracted Driver Assembly (11th and 12th Grade) - 10/22/13
 - Awards Assemblies by Grade Levels (9th-12th)
 - Winter Formal - 11/9/13
 - Congressman Cook- Senior Presentation - 11/8/13
 - AAE Mock Trial Team Competition- 11/12, 11/19
- **Discipline totals for HS grades 9-12, 2013-2014**
 - In-house suspensions 4
 - Suspensions 5
 - Expulsions 0

Special Needs - AAE

This past month there has been a couple of changes in the special needs department. First, a new Transition Life Skills Coordinator, Dana Myers, was hired to serve in that capacity. Dana brings a wealth of ability and skill to this vital position. She has been working for the AAE for many years as a Character Development Officer (CDO). During this time, she has been able to develop some very meaningful relationships with students in a way of supporting them in the pursuit of their education. This will most assuredly translate into some wonderful work with our students as they transition from school to work.

Second, a part-time education specialist was hired to fill a position that has been available for a couple of months. Gretchen Secrist will be working primarily with middle school special needs students, mild to moderate, and supporting a number of our students in the moderate to severe program. Gretchen is a seasoned educator and brings a lot of experience in dealing with students with a variety of needs.

Lastly, over the past two months we have been implementing a revised IEP meeting process developed by the Desert Mountain SELPA. In hopes of making the processing and related meetings (conversations) more meaningful, aspects of this new IEP process will really help to not only communicate more effectively with parents, but will assist in better implementing all of the necessary supports.

Current Special Education Numbers:

AAE Special Needs Numbers:

91 total students on the current caseload
43 are Speech Only students

Love and Logic:

We hope everyone had a chance to read the article about Love and Logic in the Daily Press that came out last month. The reporter, Davida James, captured the true meaning and value of the concepts taught.

The article centered on the foundational principles of Love and Logic and how it impacts the education of our students. She commented, "Every school needs to learn Love and Logic principles." She was highly impressed with many aspects of Love and Logic, and most especially, the ninth skill - Guiding students to own and solve their own problems.

Love and Logic classes are alive and well. Parents continue to attend the various classes are implementing these wonderful strategy. We want to thank Carolyn Schmidt for her tireless efforts as the Love and Logic Coordinator. Recently, she was hired as the assistant to the Dean of Students and school counselor, Brenda Day. As a result, we will be hiring someone to fill her role so we can continue this great program.

Registrar

Kinder	95
1st	93
2nd	96
3rd	109
4th	112
5th	115
6th	112
7th	116
8th	114
9th	112
10th	104

11th	109
12th	<u>90</u>
	1377

ASB

October and November have been extremely hectic months for ASB, but due to a truly dedicated student body they accomplished all of their planned tasks and much more. Here are just a few highlights from the past few months:

- At Fall Festival this year, we were able to cut our costs significantly by using recycled materials from previous years. As a result, we were able to make over a \$1,000 profit from the event, which made it one of our most successful fundraisers this year. We also ran the DJ booth and the balloon animal booth, which both recorded profits as well.
- The Krispy Kreme donut fundraiser went very well and ASB profited approximately \$450 from it. The students and staff were very happy, and the back of my truck smelled like glazed donuts for a week afterwards. Not a bad thing to wake up to, I have to say.
- ASB, along with athletics, finalized the Spirit Wear Fundraiser where each group profited approximately \$400. I am sure you will see the student and staff showing off the new wear accordingly in the near future.
- Winter Formal went quite well with an attendance of approximately 130 students. Our projection was 150, so we were quite happy to have such a close prediction. The Winter Formal Committee also did quite well in being cost conscious and actually ended up spending much less than the original budget planned at the beginning of the year. All in all, we made approximately \$700 on the dance. Traditionally, dances at AAE have not been big money makers for ASB.
- The middle school dance committee has their first dance planned for this Friday in C-100 and I am sure will be a wonderful event for all that attend. The middle school group has been very hard at work planning this event, and the high school students have been doing a great job in assisting/ advising their younger ASB colleagues. This is something you rarely see at other schools, so major kudos to them.
- ASB also plans to give to the community as well during the holiday season by assisting at a soup kitchen and possibly another event decided upon by our community service committee.

Athletic Department

- *Fall Sports:*
 - **Middle School Volleyball** - Under 1st year coach Tiffany Parker the middle school girl's volleyball team returned to their dominating form of previous years. They finished with a 9-1 record, which clinched their 3rd Mountain Valley Conference Northern division title in the past 4 years. They hosted and won their first round playoff match versus Redlands Christian defeating them in an exciting 5 game match. They're set to host a semifinal match on Tuesday, November 5 against Upland Christian.
 - **Varsity Volleyball** - The Girls Varsity Volleyball team finally had a chance to play a real home match for the first time in school history on Wednesday, October 23rd in front of a packed house in our new gym. To top things off, they are also having their most successful season in school history (13-5 overall, 11-3 Cross Valley League). The team won their first playoff game, but were defeated in five sets in their second game, one of the most exciting in school history. With only one senior and 7 underclassmen this team should be very competitive for years to come.
 - **Cross Country**- The Middle School and High School teams had another successful year. Both boys and girls middle school teams captured their 5th league title in a row, with 8th grade runner, Christian Valdavinos, finishing the year undefeated in league races. Our high school girls' team finished in 3rd place narrowly missing a return trip to the CIF-Prelims. Our high school boy's team saw their string of 3 consecutive league titles come to an end in the newly formed and highly competitive Agape Valley conference. They still earned their 4th consecutive trip to the CIF prelims (held on Nov 16th) with a 3rd place league finish.
- *Items of Interest:*
 - **THE GYM IS OFFICIALLY OPEN!!** - After officially receiving our Certificate of Occupancy from the Town of Apple Valley on Wednesday, October 23rd we hosted our first volleyball match the same night. Since the 23rd we've hosted 6 varsity matches and 3 middle school matches, not to mention countless practices for both volleyball and basketball.
 - **Gym Dedication and Official Grand Opening Ceremony** - On Friday, November 8th, Mr. Piercy officially dedicated the gym. Many local dignitaries and officials were on hand to witness the event.
 - All six winter sports teams (Boys and Girls Varsity Basketball, Boys and Girls Varsity Soccer and Middle School Baseball and

Softball) have their tryout dates set for the first and second week in November with games and matches beginning the last week in November.

NSAA

HIGHLIGHTS AT NSAA

- First Grade classes fieldtrip to LA Zoo
- Third Grade classes fieldtrip to San Bernardino Valley College Planetarium
- Enrollment is 673 students and 99% attendance
- Student Council leading school culture events such as NSAA supports breast cancer awareness in October, and NSAA supports our veterans in November.

ENROLLMENT* *Total- 673 at 99% attendance

K	120
1 st Grade	118
2 nd Grade	104
3 rd Grade	102
4 th Grade	95
5 th Grade	78
6 th Grade	31
7 th Grade	25

INTERVENTION GROUPS AT NSAA

The intervention session for the first trimester ended November 7th. About 100 students from all grade levels participated in the program. Teachers will collaborate with our Intervention teacher, Erin Mason, to analyze student data from pre- and post-assessments, monitor progress, and form new groups.

STUDENT ACTIVITIES

Field trips

Third Grade students concluded their Solar System unit visiting the San Bernardino Valley College Planetarium on November 6th. First Grade students participated in a LA Zoo Fieldtrip November 7th in anticipation of their unit about animals.

School Climate

Our school counselor has made anti-bullying presentations in grades 3rd-7th with the goal of prevention and awareness. Bullying claims are taken very seriously by the administration and we want to provide students with the tools to prevent and repel bullying incidents.

PARENT INVOLVEMENT

Proposed Modifications to the Charter Parent Meetings

The NSAA administration team met with parent representatives from important leadership groups such as ELAC, PTO and SSC, November 4th to share the proposed modifications. Two other parent general meetings were held November 12th in the morning and in the evening. Presentation and parent questions will be posted online for easy access. Presentation and questions have been posted online.

PARENTS AND PASTRIES

Parents were informed about the Title I Surveys, Supplemental Educational Services, and the new assessments, as well as the “Field Test” for this year. Meeting summary has been posted online.

ELAC ballots have been collected and new officers will be announced in the December 10th meeting.

PTO

Rocket Races pledges and informational flyers have been sent home. The Rocket Races are scheduled for November 22nd. For this event, students request pledges from family members and friends for their participation in a special course in which they will skip, moonwalk, Saturn jump, etc. The winner of the Rocket Races t-shirt design is 5th grade student, Ta’Leeyah Hensen, who had been working in her design since last year! Also, PTO parents are coordinating NSAA’s annual food drive to help about 40 families that need help during the holidays. The November 15th recycle drive was very successful with earnings of \$500! Also, PTO will be selling FBI Identification kits to all interested. Finally, Family Skate Night is scheduled for December 6th, along with a NSAA Eats Out Miguel’s fundraiser.

SCHOOL SITE COUNCIL

School Site Council met November 14th, 2013. New members were elected as follows:

- Elected Teacher representatives: Adriana Amaya (1 vote), Crystal Rodriguez (1 vote), Vivian Lleneras (1 vote)
- Elected classified Staff: Norma Cortez (1 vote)
- Elected parent representatives: Evan Brinton (15 votes), Hilma McClellan (11 votes), Dawn Middleton (18 votes), Chris Rogers (14 votes)
- From previous term, and in attendance: Mr. Lu

LOVE AND LOGIC CLASSES

Toni Preciado, NSAA Vice Principal, has been teaching Love and Logic Parenting classes. The 10 week session will be coming to an end in

December. The class has been a success. We have about 40 parents who have come and have learned important parenting skills. This is also important as it helps parents understand our school philosophy in regards to discipline.

TITLE I-PROGRAM IMPROVEMENT YEAR 3

NSAA is in Program Improvement Year 3, which involves corrective action.

- Corrective action involves 4 survey instruments that will be administered with different groups with the assistance of county of San Bernardino personnel.
 - Academic Program Survey (APS): Working with teachers and staff; first at each grade level, then as a whole
 - District Assistance Survey (DAS): Working with all stakeholders including parent representatives and Board members. January 14, 2014 in K-5
 - Inventory of Services and Supports for Students with Disabilities (ISS): In collaboration with Education Specialists
 - English Learner Subgroup Self Assessment (ELSSA)
 - The goal is to gather enough data to create a 3-5 year plan.
- Supplemental Educational Services (SES) fair to be held Dec 4, 2013 in K-5 for parents of eligible students
 - Criteria: 1) Students that receive free or reduced lunch; 2) Students who scored Below Basic in the last CSTs; 3) List will start with students in 7th grade and move down the grades.
 - Last year lots of students dropped out, so funding wasn't used.
 - The services will be promoted more strongly this year to get better interest and involvement.
 - Sign up for SES services are first come first served, all others will be managed on a wait list.
 - If students drop, those on the wait list will be invited.

STAFFING

•Interviews for the open CDO position were held on November 19th.

PROFESSIONAL DEVELOPMENT

The Academic Leadership Team (ALT) continues to participate in the Professional Learning Communities (PLC) Cohort in Apple Valley. ALT is helping guide the rest of the school, through weekly grade level PLCs. Middle Grades teachers visited the AAE to look into further technology implementation. Middle Grades Math Teacher, Mr. Jones, participated in a Common Core Conference in Palm Springs. Grade level representatives participated in the Capturing Kids Hearts in Riverside.

UPCOMING EVENTS-DECEMBER	LOOKING AHEAD TO JANUARY
<ul style="list-style-type: none"> • 12/10—ELAC Meeting-8:30-9:30 K-5 • 12/12- Winter Program • 12/16-1/6 Winter Break 	<ul style="list-style-type: none"> • 1/8 PTO General Meeting • 1/9 School Tour • 1/10 ELAC • 1/14 District Assistance Survey (DAS) • 1/15 NSAA Board Meeting

Please join us at any events you are interested in!
The full NSAA calendar is posted on our website at:
<http://www.lewiscenter.org/nsaa/>

Research and Development

- The assessment world is abuzz with the passing of AB 484 that changes the face of assessments for the State of CA over the next ten years. In short, the STAR testing program has been suspended and replaced with the California Measures of Academic Performance and Progress (CalMAPP). All students in grades 3-8 & 11 will take the Smarter Balanced (SBAC) assessment of the Common Core State Standards as a “field test”. As such, there will not be any individual student scores produced. The field test is a test of the test to determine each school districts readiness for the actual SBAC assessments that will be given in 2014-15. Each school will be assigned a testing window determined by CDE and one subject, either ELA or Math to administer during the field test. Additionally, students in grades 5, 8 & 10 will take the CMA & CST for Science to meet federal guidelines. The CAPA will be given at grades 2-11. The Early Assessment Program (EAP) will also be available to all 11th grade students to assist in college entrance.
- During September, October and November AAE administered the following assessments:
 - (California English Language Development Test (CELDT) - 39 students
 - ACT Practice Test (September 7th) - 12 students
 - SAT Practice Test (September 7th) - 43 students
 - ACT Explore, 8th grade (September 19th) - 111 students
 - Preliminary Scholastic Achievement Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) (October 19th) - 64 students
 - Armed Services Vocational Aptitude Battery (ASVAB, October 26th) - 32 students
 - California High School Exit Exam (CAHSEE)
 - ELA - 10 students
 - Math - 14 students

This year we moved the ASVAB and PSAT/NMSQT to Saturday testing to allow teachers more time in their regular school day for instruction. The move to a Saturday reduced the number of students choosing to take the assessment ASVAB from 135 in 2012 to 32 in 2013 and the PSAT/NMSQT from 144 in 2012 to 64 in 2013.

- We have given the ACT Explore Assessment to our 8th grade students for three years. ACT has established “cut score” benchmarks, based on research of over 90,000 students and 98 institutions. Their cut scores are predictive of a student’s success of entering into “college level” courses when they graduate.

In the data analysis that was presented to Cabinet and sent to teachers, I have matched students ACT Explore data to their 2013 CST data and their 2nd Semester grades from the 2012-13 school year. Another interesting piece of data is the section where each student “self identifies” their own areas of need. I sorted those answers by subject and included it in the appropriate spreadsheet, (Math with Math, Reading with Reading, etc.).

This data might be helpful to truly establish a list of “at risk” students that we need to focus on during their four years of high school. Not only to prepare them for moving on to college, but to also raise student achievement while in high school. Administration and teachers were provided with spreadsheets with each student’s individual data. The

Common Core State Standards are built around College and Career Readiness standards. College and Career Readiness will also be a component of future API Scores for California High Schools. Below is a summary of the data for Math, English and Reading.

ACT Explore, 2013 CST Data and Grades (Math)

2013-14 AAE 8th Grade Class

75 of 111 (68%) are NOT College Ready in Math according to the ACT Explore assessment

58 of 100 (58%) are NOT proficient on the 2013 Math CST

47 of 100 (47%) are NOT College Ready (ACT Explore) **and** NOT Proficient (2013 CST Math)

28 (25%) students self reported that they need help in Math on the ACT Explore

21 of 75 (28%) received an A or B for a math grade and are NOT College Ready (ACT Explore)

9 of 75 (12%) received an A or B for a math grade and are NOT College Ready (ACT Explore) **and** NOT Proficient (2013 CST)

ACT Explore, 2013 CST Data and Grades (ELA)

2013-14 AAE 8th Grade Class

59 of 111 (53%) are NOT College Ready in Reading according to the ACT Explore assessment

24 of 111 (22%) are NOT College Ready in English according to the ACT Explore assessment

23 of 101 (23%) are NOT Proficient on the 2013 ELA CST

23 of 101 (23%) are NOT College Ready in Reading (ACT Explore) **and** NOT Proficient (2013 CST ELA)

13 of 101 (13%) are NOT College Ready (ACT Explore Eng **and** Reading) **and** NOT Proficient (2013 CST ELA)

31 (28%) students self reported that they need help in English on the ACT Explore

18 (16%) students self reported that they need help in Reading on the ACT Explore

11 of 24 (46%) received an A or B for a LA grade and are NOT College Ready in English (ACT Explore) **and** NOT Proficient (2013 CST)

25 of 59 (42%) received an A or B for a LA grade and are NOT College Ready in Reading (ACT Explore)

12 of 59 (20%) received an A or B for a LA grade and are NOT College Ready in Reading (ACT Explore) **and** NOT Proficient (2013 CST)

- **Data Management System** – Over the next few months, we will engage stakeholders in a process to review three data management systems (DataDirector, Illuminate and Aeries Analytics). Our goal is to identify a system that meets The Lewis Center needs while we implement the Common Core State Standards and create Benchmark Assessment data that can be matched with other data sources (CalMAPP, CELDT, ACT Explore, etc). In addition we will use the Smarter Balanced Interim Assessment system that will be an accurate predictor of student success on the Smarter Balanced Summative Assessments.
- **LCFF/LCAP** –The Local Control Accountability Plan (LCAP) is required for each of The Lewis Center schools. The LCAP is based on a process defined by the passage of AB 97 and the State Board of Education. The LCAP is required to include goals in eight areas defined in AB 97. Each school will develop a plan based on community input and a needs assessment based on data. The AAE plan will be submitted to the AAE Board for approval then submitted to the AVUSD Board for approval prior to the adoption of the LCFF Budget for 2014-15. The NSAA plan will be submitted to the NSAA Board for

approval then submitted to the San Bernardino County Board for approval prior to the adoption of the LCFF Budget for 2014-15. Mr. Sohlt is leading the LCAP planning process for both schools. Jim Quinn, Cheryl Dale and Jim Southwick have attended several trainings provided by the California Department of Education, San Bernardino County Superintendent of Schools and the California Association of School Business Officials, over the past two months.

- **NSAA Program Improvement** – NSAA is engaged in the LEA Revision as required under the Title I Program Improvement requirements. This process includes reviewing data, several needs analysis surveys and finally a revision of the LEA. The San Bernardino County Superintendent of Schools office is assisting in the facilitation of several of the surveys and final LEA revision. This process will complement the LCAP process that is also required for this school year.

General Administration

The GA Department continues providing good customer service from the Spirit River Offices on Apple Valley Road.

Cross training in the various subjects covered by the Director, General Admin has begun and will be on-going throughout the year. Credentialing training is a large undertaking and will need much time for on-going training

Conferences/Training

- Attended RIMS/BTSA District Liaison quarterly meeting
- Attended quarterly Credential Analyst Workshop
- Attended Monthly ACPA (Association of Consolidated Program Administration)
- Attended several workshops focused on LCFF and the LCAP
- Attended Needs Assessment training with County representatives at NSAA
- Participated in CDE Nutrition Services Webinar and workshops

Compliance/Categorical Programs:

- Participate as a lead in the on- going LCAP development
- On -going credentialing compliance.
- Assist with credential checks for all new hires
- Continued compliance monitoring of the Title I, II and III Federal funds for NSAA
- Continued research of compliance issues for Categorical Programs. Working closely with NSAA Principal, Vice Principal and Testing coordinator to develop a plan of on-going development
- Met with County representatives Cindie Medieros and Yolanda Contreras as they assist us in the corrective action process for Title I since NSAA is now a PI Year 3 school
- Completed and submitted CBEDS report to CDE

Food Services

- All Campuses passed health inspection
- Received approval for the new state Certification. Approval rewards us with additional 6 cents per meal.
- Completed Food Service Verification process
- Preparing for State Administrative Review of our Food Service Program. On –Line assessment due December and on-site review will be in April.

To: Board of Directors

From: James M. Quinn, Director of Finance

Subject: Quarterly Report 4th Quarter 2013

A. I will be preparing the 1st Interim Reports for the Apple Valley School District and the County of San Bernardino. They will be presented to the Board for approval. The approval is treated and an approval of the updated budget since the revised budget is part of the reports.

B. I filed Federal Cash Management Reports for all categorical funding in October. Funding of these programs is based on whether we have spent the funds previously received. We tend to be conservative in our spending, i.e. not spending money until it is received, but we are forced in these programs to spend first and then be reimbursed up to the grant limit.

C. All attendance reports for 2012-13 have now been filed and reviewed by our auditors. New for 2013-14 we are sending monthly attendance numbers to our chartering agencies. Their oversight responsibilities have increased due to the new funding formulas being used by the state.

D. The first quarter (October 31,) Internal Financial Statements are in the process of being prepared and presented to Union Bank. Very soon the prior year audit will be submitted. We attempt to carefully monitor our ongoing bond covenants.

E. IRS filing of Form 990, our annual information report has been put on extension from the filing due date of November 15th. We have not received the final audited financial statements and it is not good practice to submit the IRS filing and then have to amend it when the audit is published.

F. The CASBO Eastern Section Accounting R & D Committee meets monthly except in the summer. We are working to present two workshops at the annual CASBO Conference in April. For the first time since I have been a member I am planning to attend. I was invited to attend the Financial Services Committee that meets monthly in San Bernardino. I have found that this committee will be more helpful to me so I plan to change committees after this year.

G. I project that our cash flow will be sufficient to cover needs for the foreseeable future. As always, if we need to draw on the line of credit I will inform the Budget Committee. The state is working toward having a greater share of the previous deficits reduced. That would mean that we would be receiving the money it owes us more timely. It would not increase our revenue.

H. The upgrade our bookkeeping software in Human Resources, Payroll, and General Ledger systems was tabled until we are more certain about cash flows. I am hoping to implement it soon. The upgrade is required by government reporting standards and will be strong move to modernize our internal processes.

H. In October I attended the "CBO" Boot Camp. That training was a three day intensive overview of the position. The CBO (Chief Business Official) designation is the officially recognized standard in the education sector for persons in my position here at the Lewis Center. If I am able to continue, it will be a long process, perhaps over two years.

J. As I alluded to above, the state has revamped the system it uses to fund schools. Along with that change, it has set high standards as to accountability for schools so that the funds received will be spent in the ways the state intends. Due to my position in the school's accounting structure I will be responsible for reporting to the state on our compliance with the new law. Part of the new system is that schools are to assess their strengths and weaknesses in educating its students, plan how to overcome weaknesses and use the strengths to better advantage. Such planning then, is tied to the budget so that money is spent and traceable to reaching higher levels of education. I am part of the team heading up the effort to be sure we achieve the high goals we set and use the funding efficiently.

**Human Resources Department
Stacy Newman
August 31, 2013 - November 14, 2013**

AAE

New Hires:

Last Name	First Name	Hire Date	Job Title
Day	Brenda	10/22/2013	School Counselor
DeLaHoussaye	Tyler	9/18/2013	Certificated Substitute
Eiding	Edward	10/1/2013	Certificated Substitute
Green	Chanda	11/1/2013	Certificated Substitute
Hagerman	Heather	9/9/2013	Certificated Rotation - Music
Harris	Lawrence	9/18/2013	Classified Substitute
Johnson	Tiffany	9/16/2013	Certificated Substitute
Kahn	Holly	9/13/2013	Certification Subtitute
Kemp	Mary	9/16/2013	Certificated Substitute
Larrison	Mary (Kristi)	11/7/2013	Certificated Substitute
Lee	Denise	10/28/2013	Certificated Substitute
McSkeane	Maureen	9/16/2013	Classified Substitute
Modeen	Caitlyn	9/18/2013	Classified Substitute
Parker	Tiffany	10/25/2013	MS Volleyball Coach
Rodgiguez	Karina	9/13/2013	Certificated Substitute
Soholt	Linda	9/18/2013	Classified Substitute
Standley	Tanya	9/25/2013	Certificated Substitute
Stoudemire	Darryl	9/10/2013	V Boys Basketball Coach
Thompson	Samantha	9/13/2013	Certificated Substitute

Reclassifications:

LAST	FIRST	From	To	Date
Hoffman	Kyle	6 hr Facilities Assistant	7 hr Facilities Assistant	11/01/13
Myers	Dana	CDO	Transition Life Skills Coordinator	10/23/13
Quarles	Lloyd	FT Facilities Assistant	FT Facilitaies Technician	11/1/13
Quinn	James	125 day Financial Officer	210 day Financial Officer	10/1/13
Ruiz	Christian	Certificated Substitute	FT Teacher	9/1/13
Schmidt	Carolyn	PT Character Development Officer	PT Administrative Assistant to Dean	10/28/13
Secrist	Gretchen	Certificated Substitute	PT Education Specialist	11/1/13
Thompson	Cheryl	Manager, Development & Media Relations	Certificated Sub	10/12/13

Terminations:

Last Name	First Name	Termination Date	Job Title
Bernstein	Jessica	10/14/2013	Elementary Teacher
Bozigian	John	8/23/2013	Golf Coach
Coapstick	Donna	10/21/2013	Certificated Sub
Duarte	Sean	9/4/2013	School Counselor
Gauder	Edward	9/3/2013	Certificated Sub
Griffiths	Cathy	11/22/2013	Instructional Assistant
Guillen	Lindsay	11/5/2013	Attendance Clerk
Hagerman	Heather	9/11/2013	Music Rotation - Certificated
Harrison	James	9/4/2013	Certificated Sub
Henry	Jill	7/8/2013	Bridge Writer
Hill	Candice	7/22/2013	Bridge Writer
Jackson	Christopher	9/26/2013	Hourly Choir Teacher
Luther	Kendra	11/6/2013	Certificated Sub
Riggs	Kathy	10/1/2013	Classified Sub
Williams	Colleen	9/20/2013	Transition Life Skills Coord.

NSAA**New Hires:**

Last Name	First Name	Hire Date	Job Title
Contreras	Alison	9/18/2013	Certificated Substitute
Dolan	Cecilia	10/7/2013	PE Rotation
Durazo	Amber	7/27/2013	Classified Substitute
Garrett	Megan	8/1/2013	Elementary Teacher
Hopkins	Shaundell	11/1/2013	Substitute Nurse
Jones	Harold	10/15/2013	Math Teacher
Medrano	Maria	11/12/2013	Classified Substitute
Sepulveda	Jessica	9/13/2013	PT CDO 4
Spencer	Tania	9/13/2013	Classified Substitute
Urbino	Benjamin	10/4/2013	Classified Substitute

Reclassifications:

LAST	FIRST	From	To	Date
McGee	Cathy	5.5 hr CDO	4 hr CDO	9/16/20
Parker	Clydean	Certificated Sub, NSAA	Classified Rotation (Fine Arts)	8/1/20
Quezada	Nancy	5.5 hour Custodian	7 hour Custodian	9/1/20
Villagran	Marcy	4 hr CDO	5.5 hr CDO	9/16/20

Terminations:

Last Name	First Name	Termination Date	Job Title
Contreras	Alison	10/22/2013	Certificated Sub
Garcia	Victoria	10/21/2013	Certificated Sub
Long	Patsy	10/22/2013	CDO
Mendoza	Wendy	7/31/2013	Elementary Teacher
Rogers	Cory	9/27/2013	Math Teacher
Silva	Victor	8/15/2013	Custodian
Urbina	Alejandro	7/31/2013	Custodian
Yanez	Silvia	9/27/2013	Education Specialist

Positions Currently Posted / In the Interview Process / or Recently Hired

AAE:

Certificated:

Guest Teacher - Recently Posted
Part Time Education Specialist - Recently Hired
Part Time Music Instructor - Recently Posted
School Counselor - Recently Posted

Classified:

Administrative Assistant to Dean/Counselor - Recently Hired
Attendance Clerk - Open
Coaches - Open
Classified Substitute - Recently Posted
Custodian - Checking References
Facilities Assistant - Recently Hired
HOSA Advisor - Recently Hired
Instructional Assistant/Learning Leader - Open
Transition Life Skills Coordinator - Recently Hired

NSAA:

Certificated:

Education Specialist - Open
Guest Teacher - Open
Math Teacher - Open

Classified:

Character Development Officer - Open
Classified Substitute - Open
Custodian - Open
PT Custodian – Open
PT Facilities Assistant – Open

HR Activities including both AAE & NSAA:

- Created job postings / descriptions for above positions (assessed KSOA's)
- Advertised new positions: internally, Edjoin, Daily Press, Desert Dispatch, LCER Website, Monster.com, Local Universities
- Collected and screened job applicants. Recruited and interviewed employees for NSAA and AAE as well as following up with thank you letters and emails for those applicants/candidates who were not selected
- Conducted new hire orientations for new employees, job-reclassifications, and completed exit interviews
- Processed new hire paperwork for recent new hires, including DOJ, background checks, benefits paperwork, etc
- Processed paperwork for employee terminations.
- Prepared packet for volunteers to include: DOJ fingerprint procedures, LCER Agreements: Proprietary, Child Abuse, Internet Use, etc
- Maintained volunteer fingerprint information and DOJ database as well as provided training at the Parent/Volunteer workshops at the AAE
- Prepared for this quarter's Employee of the Quarter: nominations, meetings, selections, awards, presentations, etc
- Prepared & monitored seasonal coaching contracts.
- Follow up to employee notices for: CPR/First Aid, Mandated Sexual Harassment Training for Supervisors, TB tests, etc.
- Maintained employer pull notices through the DMV. Signed up to manage employer pull notices online through the DMV.
- Sent letters to employees for expirations of TB tests, Food handler's cards, CPR/First Aid cards, etc.
- Personnel issues: benefits, compensation, FMLA, terminations, EDD claims, UI, DOJ fingerprint issues, Workers' Comp claims, etc.
- Maintain program for sending and receiving Employer Pull Notice Information to/from the DMV in a further effort to go paperless.
- Balance health insurance statements.

- Updated rate tables in HR software for employer/employee contribution changes effective October 1, 2013
- Processed Workers' Comp & Unemployment Claims.
- Set up training meetings for Workers' Comp for office staff, CDO's, etc.
- Attended Exec Team, Five Dysfunctions of a Team, Sexual Harassment, UITS, HDEAC, EDD, SISC, Health Care Reform, BTSA & SBCSS UI meetings workshops & trainings.
- Attended board meetings for High Desert Employer Advisory Council.
- Calculated pay reconciliations for finance department for employees' terminations, leaves, etc.
- Updated HR forms to include EDD, retirement, etc for 2013 changes.
- Updated workers' comp and student accident forms.
- Scheduled STRS retirement workshops at AAE & NSAA.
- Implemented the automated sub system at NSAA and provided training to the NSAA staff

Facilities

MRC

- Attended weekly construction meetings for gym
- Assisted with Art Show and Fall Festival
- Gym construction completed and prepared for grand opening
- Ordered furniture for gym classrooms
- New landscaping in front of Bldgs B and A
- Getting bids for landscaping in the circle
- Ordered shade structures and tables for new eating area
- Hiring open Facilities Assistant and Custodian positions for MRC

TBC and CORWIN

- Going smoothly

NSAA

- Main building roof leaks repaired
- Ordered shade structures to be installed in December
- Facilities Tech moved from MRC to NSAA to fill open position
- New grass and irrigation installed

IT Board Report – December 2013

Information Technology

- Supported AAE and NSAA laptop program (grades 5-11 at AAE, and grades 4-6 at NSAA)
- Expanded and improved Lanschool student monitoring solution, enabling teachers and administration to view all screens at both NSAA and AAE
- Installation of 3 security cameras at NSAA campus completed, and work begun towards installation of 4 additional cameras to improve coverage of cafeteria and parking lot/entrance. Also installed new camera recording server, enabling improved recording retention time.
- Cafeteria improvements at NSAA, including installation of wireless microphone system, and work begun on installation of permanent projector solution (to be completed in December 2013)
- Began work with AAE and NSAA staff on CalPads Fall 1 data collection. Both schools are on track for December certification
- Supported K16 Bridge program in creation of additional functionality, including:
 - Expanded college Ed Plan
 - Creation of forum tool for classroom discussions
 - Integration of Peterson's test prep tools into MyMentor
- Support of AAE Gym initial startup, including installation of wireless networking, gym sound system, security cameras, and conference room A/V. Four additional security cameras will be configured on gym exterior in December and January
- Expansion of virtualization project, with ultimate goal of virtualizing 12 existing physical servers. This will improve performance and uptime, while reducing both space and energy utilization
- Network upgrades at all 4 campuses to next generation Brocade switches, improving overall network performance and reliability (22 switches replaced altogether)

GAVRT/Global Operations

- GAVRT conducted a training for 15 teachers on November 2nd at JPL. These teachers came from the Watts area and serve low socioeconomic students. This was the first step in a partnership with the Rosetta spacecraft. Rosetta has offered to pay tuition for up to 100 teachers to join GAVRT.
- GAVRT was rewarded a \$10,000 dollar grant. This will be used to upgrade aging server hardware as per the grant application.
- We were able to negotiate the payment of money lost due to sequestration to close out FY'13. SWRI was billed and has paid \$21,825.78 to close out the FY'13 contract.
- We were able to negotiate another year of Juno/SWRI collaboration for FY'14. GAVRT will be rewarded in the amount of \$73,257 in return for collecting terrestrial Jupiter data to allow for calibration of the Juno spacecraft when it arrives at the planet.

- October 2013 has proven to be the busiest October in GAVRT history. Utilization was double 2012 levels and above previous levels set. The extensive trainings we've been offering at JPL are reaping great rewards.
- GAVRT has been written into an NSF grant which will see us collaborating with our domestic schools along with Chile and South Africa. Scientifically we will be collaborating with 2 other radio observatories to gather data on Active Galactic Nuclei (AGN) across numerous frequencies. I've attached it for your reference. The grant will provide money to train a large number of GAVRT teachers and introduce them to this new campaign dubbed Black Hole Patrol (BHP).

PROJECT SUMMARY

Overview:

Blazars and active galaxies are among the most energetic objects in the Universe, and the most powerful sources of gamma rays. Supermassive black holes in their nuclei, powered by accretion, generate relativistic jets that emit radiation throughout the electromagnetic spectrum. Since its launch in 2008, the Fermi Gamma-ray Space Telescope has produced spectacular results on blazars and active galaxies. Most of these results were only possible due to the availability of contemporaneous radio and optical observations. This union of datasets is critically important for delivering the science. To maximize the return of Fermi and explore the astrophysical processes involved in these objects, ground-based observations continue to be needed. The proposers will continue their very successful program of monitoring active galaxies, detected or potentially detectable by Fermi, at 15 GHz at the Owens Valley Radio Observatory. The program is unique in providing biweekly flux densities of a large sample (now over 1800 objects). The program will be enhanced in two ways: (1) Starting in 2014, a new more sensitive receiver will measure linear polarization as well as total intensity; (2) A powerful new instrument, RoboPol, mounted on the Skinakas telescope in Crete, will be used to monitor optical brightness and polarization of a sample of unprecedented size for a blazar monitoring experiment. Data from OVRO will be made public as service to the community. The RoboPol data will be analyzed each night and interesting events will be announced in astronomical telegrams.

Intellectual Merit :

The project aims to improve our understanding of the high-energy astrophysical processes at work in the nuclei of active galaxies. Comparison of gamma-ray, radio, and optical light curves using rigorous statistical methods will illuminate the temporal and spatial relationship between the gamma-ray and radio flares, differences in behavior between different types of object, relativistic jet formation and collimation, the role of magnetic fields in jets, and interstellar scintillation. The observations will be compared with state-of-the-art magnetohydrodynamic simulations to test and refine theoretical models of black holes, accretion disks, and relativistic jets.

Broader Impacts :

The project will generate a large database of radio and optical light-curves of blazars that can be used for a wide variety of astrophysical studies. The calibrated light-curves will be made available to the astrophysics community on a public web site, and will be updated regularly as more observations are obtained.

The project will contribute to the education and training of the next generation of astronomers. Graduate and undergraduate students including women and underrepresented minorities will be fully involved in the project, including instrumentation, observational techniques, data analysis, and astrophysical interpretation.

The proposers will continue their educational outreach program in collaboration with colleagues at the Jet Propulsion Laboratory and with the Goldstone Apple Valley Radio Telescope and the Lewis Center for Educational Research to bring teachers from US and international schools to California to learn astronomy and modern scientific methods via hands-on experience with radio telescopes. This will involve K--12 students and their teachers in exciting radio astronomy research that will be directly relevant to the science goals as well as inspiring a new generation of scientists.

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	Total No. of Pages	Page No.* (Optional)*
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Table of Contents	1	_____
Project Description (Including Results from Prior NSF Support) (not to exceed 15 pages) (Exceed only if allowed by a specific program announcement/solicitation or if approved in advance by the appropriate NSF Assistant Director or designee)	15	_____
References Cited	25	_____
Biographical Sketches (Not to exceed 2 pages each)	6	_____
Budget (Plus up to 3 pages of budget justification)	6	_____
Current and Pending Support	5	_____
Facilities, Equipment and Other Resources	1	_____
Special Information/Supplementary Documents (Data Management Plan, Mentoring Plan and Other Supplementary Documents)	10	_____
Appendix (List below.) (Include only if allowed by a specific program announcement/ solicitation or if approved in advance by the appropriate NSF Assistant Director or designee)	_____	_____
Appendix Items:		

*Proposers may select any numbering mechanism for the proposal. The entire proposal however, must be paginated. Complete both columns only if the proposal is numbered consecutively.

PROJECT DESCRIPTION

1 Introduction

Since its launch in 2008, the *Fermi* Gamma-ray Space Telescope has produced spectacular results on blazars and active galaxies. To maximize the return of *Fermi* and explore the astrophysical processes at work in these objects, contemporaneous ground-based observations are needed, especially in the radio and optical. We propose to continue our very successful program of monitoring active galaxies detected or potentially detectable by *Fermi* at 15 GHz at the Owens Valley Radio Observatory (OVRO). Our program is unique in providing biweekly flux densities of a large sample (now over 1800 objects). The program will be enhanced in two ways: (1) Starting in 2014, a new more sensitive receiver will measure linear polarization (Stokes Q and U) as well as total intensity; (2) We have commissioned a powerful new instrument, RoboPol, for the Skinakas telescope in Crete which will be used to monitor optical brightness and polarization of a large sample of objects. Data from OVRO will be made public as service to the community. The RoboPol data will be analysed each night and we will alert the community to interesting events by ATEs and VOEvents.

We will conduct a variety of astrophysical studies of blazars and active galaxies using the *Fermi*, OVRO, and RoboPol data in conjunction with other data (*NuSTAR*, CARMA, VLBA, Effelsberg, Palomar Transient Factory, etc.), and in collaboration with theorists we will test theoretical models with the new observational data. Areas of study will include: the statistics of γ -ray and radio light curves, the temporal and spatial relationship between the γ -ray and radio flares, differences in behavior between different types of object (e.g., BL Lacs and FSRQs), jet formation and collimation, the role of magnetic fields in jets, and interstellar scintillation. A particular goal of RoboPol is to study the polarization rotations observed during flares in many objects, and determine their physical significance and relationship to magnetic fields and jet orientation.

In § 2 we discuss the present status of the study of active galaxies and their jets, and highlight some open questions that the proposed work will address; in § 3 we present some of the results that have already been obtained from the program with prior NSF support; and in § 4 we outline the new research that we plan to carry out in 2014–2017. § 5 presents the broader impacts of the proposed research, including a strong EPO plan to involve K–12 students in exciting radio-astronomy research that will be directly relevant to our science goals as well as inspiring a new generation of scientists.

2 Scientific Justification

Active Galaxies and Relativistic Jets Most normal galaxies contain massive (millions to billions of solar masses) black holes in their nuclei with gravitational radii $r_g \sim 1.5 \times 10^{12} (M/10^9 M_\odot)$ m. Normal galaxies become Active Galaxies (AG) when inflowing gas and stars in the near vicinity of the black hole form an orbiting accretion disk. The binding energy released by this gas, augmented by rotational energy extracted from the rotating black hole space-time, powers most of the nuclear activity in AG. The jet outflows themselves are created relativistically and often maintain relativistic propagation speeds (with bulk Lorentz factors $\Gamma \sim 10$) out to large radii, leading to the observation of superluminal expansion and Doppler beaming. Although most early observations came from radio telescopes, jets are now known to radiate throughout the electromagnetic spectrum from below 100 MHz to more than 20 TeV. Jets can be imaged using VLBI on radial scales from $\sim 10^{10}$ m to $> 10^{18}$ m and show a remarkable persistence in the face of many potentially destructive instabilities.

AG and relativistic jets have been the subject of intensive study since the early 1960s. However there are many crucial aspects that remain poorly understood of which we will focus on nine in the program proposed here: 1. The radio-quiet vs. radio-loud quasar dichotomy – why are there two distinct classes of quasar that clearly have the same power source at the center – is it due to (i) spin of BH; (ii) environment; or (iii) some other factor? 2. What is the physical origin of the distinction between FRI and FRII objects? 3. What is the role of magnetic fields in the formation and propagation of jets? 4. How are jets formed? 5. How are jets

collimated? 6. What is the composition of the jets – hadronic or leptonic? 7. What determines the stability of the jets? 8. How important are magnetic fields and shocks in shaping jets?

While it is not expected that all of these questions will be answered in the next three years it is likely that a significant fraction of them will – which would be a major advance. There are several reasons for this sudden rapid progress: 1. The *Fermi*-GST and *NuSTAR* satellites are providing unprecedented observations of AG in the γ -ray and X-ray bands. 2. TeV observatories are extending the AG observations to the highest energies. 3. Advances in fully three-dimensional general relativistic magnetohydrodynamic simulations now make it possible to make realistic simulations of the interaction between black holes and their accretion disks and the production and propagation of relativistic jets. 4. Intensive monitoring programs at optical and radio wavelengths in total intensity and polarized emission are providing large samples of quasars and BL-Lac objects that can be subjected to rigorous statistical studies. 5. VLBI continues to provide crucial information on the structure of parsec-scale jets in AG.

Basic Questions about Jets Theoretical studies indicate that γ -ray emission emanates from jet outflows [e.g., **32**], where high-energy non-thermal electrons accelerated in shocks are thought to Compton-upscatter soft photons. On one commonly accepted model [**20**] the γ -rays are produced at the base of a relativistic jet, near the acceleration zone, and thus the study of the γ -ray emission should provide a powerful probe of jet physics at small distances from the central engine and accretion disk. However this interpretation has been challenged [**58**, **59**], based on evidence that the γ -ray flares occur in the shocks responsible for the radio flares, but the sample statistics are still rather small. This key question – whether the γ -ray flares occur before, coincident with, or after, the radio flares – can only be answered by studying a sufficiently large sample, and this is a compelling scientific argument for continued monitoring of a large sample of blazars at radio frequencies. As described in § 3 we are now finding evidence that the radio variations lag the γ -ray variations by tens to hundreds of days, but the sample is still small. *The monitoring program that we are carrying out has sufficient sources, cadence, and sensitivity to answer this question.* In this proposal we request the funds needed to calibrate and analyse our 15 GHz blazar light curves in conjunction with the *Fermi* light curves to answer this important question. It is clear that because the intervals between flares of activity are on the scale of several years and the flares themselves last about a year we need to continue monitoring these objects until at least 2017, since this will provide 9 years of continuous γ -ray monitoring and 10 years of continuous radio monitoring.

Fermi provides an unprecedented opportunity for the systematic study of blazar jets. The Large Area Telescope [LAT; **18**] observes the sky at energies between 0.1 and a few hundred GeV. In this energy range relativistic particles can be probed through their inverse Compton emission in the case of electron/positron jets [e.g., **20**, **33**, **119**], or a combination of pionic emission from primaries and inverse Compton emission from cascade-produced leptonic secondaries in the case of hadronic jets [e.g., **71**].

The simplest model of a relativistic jet is that it comprises ionic plasma, moving supersonically through the surrounding medium, which confines it hydrostatically. Typically 99% of the energy flux density is contained in proton bulk kinetic energy and this is tapped through strong shocks where ultrarelativistic electrons are accelerated and magnetic field is amplified. These electrons radiate radio synchrotron radiation and γ -ray inverse Compton radiation. Alternatively, the jet fluid may be an electron-positron plasma. There are also two types of hydromagnetic model. In the first of these the dominant energy density in the jet co-moving frame is associated with a disordered magnetic field. This is sometimes called the “AC” model, because the associated electrical currents are quite disordered and ohmic dissipation of these currents, probably mediated by the damping of hydromagnetic or electromagnetic wave modes, sustains the particle acceleration. The pressure in the co-moving frame is effectively isotropic. The second is a “DC” model where there is a current (of roughly 10^{17} – 10^{18} A) flowing along the jet with an associated toroidal magnetic field which provides a pinching hoop stress to confine the plasma. The return current flows at larger cylindrical radius than the observed jet boundary.

Observations of jets, like that in M87, show that there appears to be collimation at radii $\ll 10^{11}$ m. This is very difficult to effect gas-dynamically because the confining medium would radiate more X-rays than is observed, suggesting that magnetic stress is responsible. However, a magnetically confined jet must contain a fluid core, probably a pair plasma, and stress balance implies that the emitting plasma is close to equipartition. The jet plasma component might also create a bulk Comptonisation precursor. In addition, toroidal magnetic field creates a characteristic polarization and Faraday rotation pattern, which may have been seen [e.g., 17].

Although we can resolve much of the radio emission from jets, the most compact radio “cores” are generally unresolved and we are probably seeing down to a surface where the radio synchrotron emission is optically thick – the “radiosphere” – whose radius (typically $10^{11} - 10^{13}$ m) is roughly proportional to the wavelength. The γ -ray emission is unresolved and we have to rely on indirect arguments to understand where it comes from. There is a lower bound on the radius of γ -ray emission (roughly $10^9 - 10^{11}$ m) set by the requirement that the GeV γ -rays be able to escape pair production on the soft X-ray background while the TeV γ -rays must escape the infrared background. These are the same soft photons that are involved in inverse Compton emission. Because of quenching by pair production, the TeV “gammasphere” is naturally much larger than the GeV gammasphere. The γ -ray emission can be highly variable (rise times of 0.5 hour have been reported at TeV energies) and this sets an upper limit on the radius of γ -ray emission (roughly $10^{10} - 10^{12}$ m). It is not known if the inverse Compton γ -ray emission originates in a single site, where the particles are accelerated, or is emitted continuously along the jet with radius increasing with energy, consistent with these bounds. *This is one of the questions we should be able to answer through the cross-correlation of 40 m and Fermi flux densities.*

Another serious uncertainty is whether a jet is better characterized as a continuous outflow with a superposed variation or a series of independent outbursts. Note that the extremely powerful boosting associated with Doppler beaming, scaling roughly as the cube of the Lorentz factor, implies that modest changes in the jet velocity can produce major changes in the observed flux density. If the continuous outflow model is correct, we expect the radio and γ -ray variations to be independent; conversely, for the outburst model we expect an emission front to propagate along the jet with sequential variations in GeV, TeV, mm and cm bands. *We anticipate that the 40 m Telescope radio monitoring program, coupled with Fermi observations, will enable us to resolve this long-standing question.*

Yet another fascinating aspect of blazars is that while most appear to fit into a “standard model” in which the emission is Lorentz-boosted incoherent electron synchrotron emission from a plasma with a fairly uniform jet with a Lorentz factor of $\Gamma \sim 10$, and these exhibit variability timescales ranging from weeks to months, there are some blazars that show much more rapid variability. It is now clear that these “intra-day variables” are due primarily, but possibly not exclusively, to interstellar scintillation, and this requires components of size $20 - 50 \mu\text{as}$ and hence implied brightness temperatures as high as $\sim 10^{15}$ K. These extremely compact bright regions are also long-lived (several decades) and a major focus of this program will be to study these components, since many intraday variables are seen in our sample (see § 4.6).

There are therefore many potentially powerful diagnostic probes of the nature of jets. However, most attempts to date to carry out the relevant observational investigations have been hampered by inadequate statistics. All of this changed with the launch of *Fermi*, provided that the GeV γ -ray observations are combined with an extensive suite of observations at other frequencies. As described below, we have defined large samples of blazars that *Fermi* is observing, with well-characterized radio and optical properties, to carry out such studies at radio and optical wavelengths.

3 Results of Prior NSF Support

AST-1109911: *The Radio-Fermi Connection: A Critical Study of Relativistic Jets*. Principal Investigator: Anthony C. Readhead; Dates: 09/15/2011– 08/31/2014; Award Amount: \$751,883.00. **AST-0808050:** *Multi-wavelength Observations of Gamma-Ray Blazars – the GLAST Connection*. Principal Investigator: Anthony C. Readhead; Co-Principal Investigator: Timothy Pearson; Dates: 07/01/2008 – 06/30/2011; Award Amount: \$553,966.00

Results of our work under this award have been reported in the following refereed papers published in 2011–2013:¹ [9, 54, 63, 76, 95, 109, 110]. In addition, our 15-GHz radio data from the 40-m program have been used in many refereed papers published by other groups [1, 3–5, 7, 8, 11–16, 23, 24, 26–28, 35, 36, 40, 44, 48, 60, 65–69, 93, 96, 97, 100, 116–118, 122, 125, 128] and in several conference proceedings [52, 53, 64, 74, 75, 77–82, 103–106, 108, 111–114]. Two Caltech PhD theses have been based on the 40m program: Joseph Richards 2012 [107] and Walter Max-Moerbeck 2013 [83]. Results from the 40-m program have also been reported in *Astronomer’s Telegrams* [25, 38, 50, 51, 55, 56, 91].

3.1 Intellectual Merit

3.1.1 Monitoring *Fermi* blazars at 15 GHz on the OVRO 40 m Telescope

The core sample for our monitoring program consists of 1158 sources from the Candidate Gamma-Ray Blazar Survey [CGRaBS; 49] north of declination -20° . In addition, we monitor: all sources included in the first (1LAC) and second (2LAC) *Fermi* LAT AGN Catalogs [2, 10] north of -20° ; sources monitored by the F-GAMMA² or VERITAS³ projects; a variety of galactic objects, such as microquasars; and a small number of objects with interesting jet properties. The total number of objects in our monitoring sample is 1831. A list of all AGN monitored by OVRO is available on our website.⁴ The light curves of all sources are updated on a monthly basis and are available through the project website.⁵

3.1.2 Radio variability

Richards et al. [110] presented results of the first two years (2008–2009) of the 40 m monitoring program. We studied the radio variability amplitudes using a new statistical tool: the *intrinsic modulation index*, \bar{m} , defined as the intrinsic standard deviation of the source σ_0 measured in units of intrinsic mean flux density S_0 . The term “intrinsic” denotes values that we would obtain if we had zero observational errors and an infinite number of samples. Using a maximum-likelihood method, we were able to estimate $\bar{m} = \sigma_0/S_0$ (or place a 3σ upper limit on it) from the light curves taking into account observational uncertainties in the flux density measurements. One of our main findings [110] was that the γ -ray-detected CGRaBS sources had higher radio variability amplitudes than the non-detected ones.

Recently, we expanded the variability study to include four years of monitoring (2008–2011), which enables us to study differences in radio-selected (CGRaBS) and γ -ray selected (1LAC) samples [109]. The intrinsic modulation indices we obtain with four years of data are in general higher than in [110], which is not surprising considering the typically long characteristic time scales of AGN [e.g. 57].

When comparing the radio and γ -ray selected samples, we find that γ -ray selected FSRQs (1LAC sample) have higher intrinsic modulation indices than the radio-selected FSRQs (CGRaBS). In contrast, the modulation indices for γ -ray selected and radio selected BL Lac objects are of the same order. This may be related to the location of the synchrotron peak frequency in FSRQs and BL Lacs.

¹<http://www.astro.caltech.edu/ovroblazars/index.php?page=papers>

²<http://www.mpifr-bonn.mpg.de/div/vlbi/fgamma/fgamma.html>

³<http://veritas.sao.arizona.edu/>

⁴<http://www.astro.caltech.edu/ovroblazars/index.php?page=sourcelist>

⁵<http://www.astro.caltech.edu/ovroblazars/data/data.php>

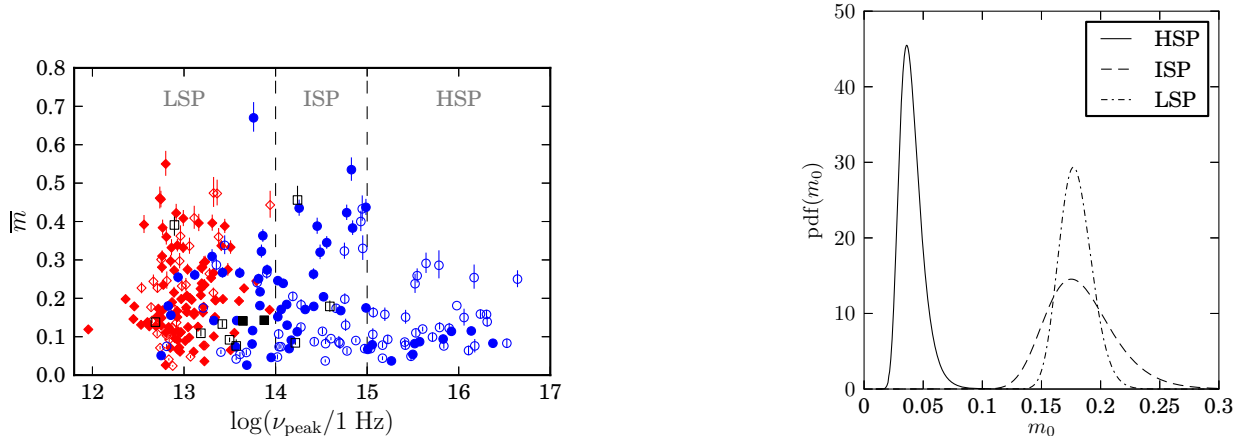


Figure 1: *Left*: Intrinsic modulation index against the synchrotron peak frequency. Red triangles are FSRQs, blue circles are BL Lac objects and black squares are other types. CGRaBS sources are shown with filled symbols. *Right*: Probability density of the mean intrinsic modulation index for the LSP, ISP and HSP sources in the 1LAC sample.

Nearly all of the FSRQs in our sample are low synchrotron peaked (LSP) objects with a synchrotron peak frequency of $\nu_p < 10^{14}$ Hz, while the BL Lacs span a full range from LSPs to intermediate synchrotron peaked (ISP, $10^{14} < \nu_p < 10^{15}$ Hz) and high synchrotron peaked (HSP, $\nu_p > 10^{15}$ Hz) objects [10]. However, the fraction of HSP BL Lacs is very different in the radio and γ -ray selected samples, with the former including only a few HSPs while in the 1LAC sample nearly half of the BL Lacs are HSPs. The LSPs are more variable than the HSPs (see Fig. 1), which could explain why the variability amplitudes of BL Lac objects are similar in the radio and γ -ray selected samples.

Alternatively the difference between FSRQs and BL Lacs could arise from different emission mechanisms. It has been suggested that the high-energy emission in the HSP BL Lac objects can be modeled with synchrotron self-Compton (SSC) while the LSP objects and FSRQs require an external Compton (EC) component [e.g., 1, 21, 89]. The high-energy photons produced by the EC process are more highly beamed than the synchrotron or SSC photons [31], so the γ -ray detected FSRQs are observed within the narrow beaming cone, making them the most boosted and radio-variable objects of the class.

The SSC origin of γ -ray emission in HSP BL Lacs is supported also by the correlation between radio and γ -ray fluxes, which is stronger in HSPs [9]. In [9] we used the method developed by our group [95] to study the correlation between radio and γ -ray fluxes by taking into account the common redshift bias and using simulations to assess the strength of the correlation. We showed that the radio and γ -ray fluxes are correlated and that the correlation is stronger when simultaneous data are used. This shows the need for simultaneous radio and γ -ray monitoring.

3.1.3 Cross-correlation of radio and γ -ray light curves

The advantage of radio observations is that we know the emission is synchrotron emission originating in the relativistic jet. Therefore cross-correlation of radio and γ -ray light curves can be used to locate the site of γ -ray emission, which cannot be resolved with current γ -ray instruments. However, care must be taken to assess the significance of the correlations and to estimate the physical connection between the two bands.

In [76], we selected all 86 AGN north of declination -20° from the second *Fermi* catalog [92] that had been detected in more than 75% of the monthly bins to cross-correlate with the OVRO light curves. We applied a discrete correlation function to 41 of these sources (23 were excluded as being non-variable in either radio or γ rays and 22 for lack of distinct flares) using three years of *Fermi* data and 4 years of OVRO data. The significance of the correlation was estimated by Monte Carlo simulations by first estimating the power spectral density of the light curves and generating artificial light curves with the same properties as

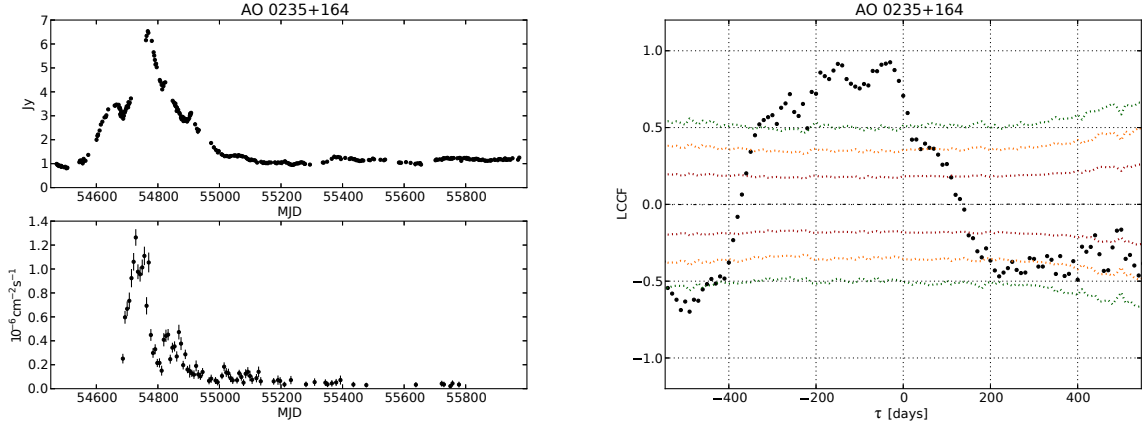


Figure 2: Radio (*top left*) and γ -ray (*bottom left*) light curves of AO 0235+164 and the cross-correlation of the two (*right*). The green line in the right panel shows the 3σ significance level.

the observed light curves [83]. Only one source, AO 0235+164, shows a correlation above the 3σ limit and two others at $> 2.25\sigma$. A fourth correlation above the 2σ limit is found if the time period is extended to four years to include the γ -ray and radio flare in the source Mrk 421 (see § 3.1.4).

Considering the long variability time scales of AGN at radio wavelengths, it is not surprising that the width of the cross-correlation peak is several hundred days (Fig. 2). This results in very large uncertainties in the location of the γ -ray emission site with respect to the radio emission. Therefore longer time series in both γ -ray and radio bands are needed to probe the full duty cycle of the objects and to reduce the width of the cross-correlation peaks. *Fermi* operations have been confirmed until at least 2016 and it is crucial that the radio monitoring extends over the entire *Fermi* mission.

Our group has also been involved in a study by the F-GAMMA team where monthly light curves at multiple radio frequency bands between 2 and 345 GHz are used to study the correlation between radio and γ -ray emission. Fuhrmann et al. (2013, to be submitted shortly) shows how the delay between the γ -ray and radio emission is shorter at higher radio frequencies consistent with models where the delay is caused by self-absorption of the lower frequencies. Motivated by this finding, we have initiated weekly monitoring of 15 γ -ray detected AGN with the Combined Array for Research in Millimeter-wave Astronomy (CARMA) at 95 GHz.

3.1.4 Serendipitous discoveries

One of the advantages of a large monitoring sample is that it allows for serendipitous discoveries of rare physical phenomena. Below we describe three such examples.

Quasi-periodic oscillation in the quasar J1359+4011 While quasi-periodic oscillations (QPOs) in the X-ray emission of stellar mass black-hole binaries are a common and well-studied phenomenon [102], corresponding behavior from supermassive black holes at the heart of AGN is very rare. Only one X-ray QPO from an AGN – the narrow-line Seyfert 1 galaxy REJ 1034+396 – has been reliably measured [39, 41]. It has a period ~ 1 h, and is thought to be the mass-scaled equivalent of high-frequency QPOs seen in stellar black hole binaries [90]. We discovered a remarkable and persistent quasi-periodic oscillation in the OVRO 15 GHz light curve of the flat-spectrum radio quasar CGRABS J1359+4011 [63]. This source is a flat-spectrum radio quasar (FSRQ) at a redshift of $z = 0.407$ that is thought to contain a $10^8 M_\odot$ black hole with high Eddington-ratio accretion [29]. The observed QPO, with a period of 120 to 150 days, is of the right time-scale to be the AGN analog of low-frequency QPOs (LFQPO) observed at X-ray energies in stellar-mass black hole binaries. If this interpretation is correct, it would be the first time that an LFQPO has been observed in a

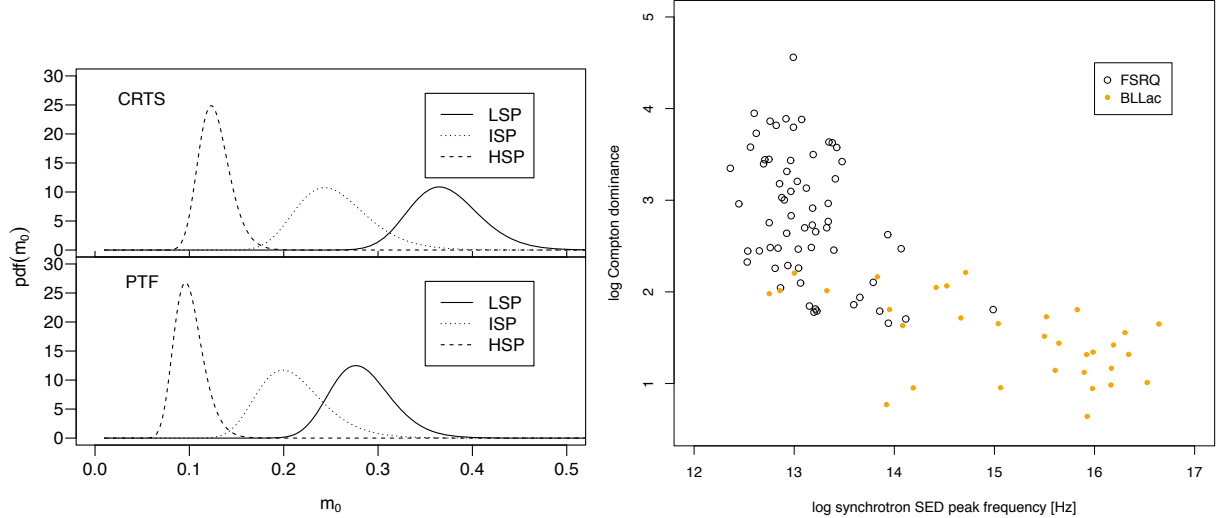


Figure 3: *Left*: Probability density of the mean intrinsic modulation index for LSP, ISP and HSP objects in the CRTS and PTF. *Right*: Compton dominance (ratio between γ -ray and PTF flux) vs. the synchrotron peak frequency.

supermassive black hole. Alternative explanations for the phenomenon include Lightman–Eardley instabilities in the accretion flow feeding the blazar jet. We are searching the OVRO data set for other examples of this phenomenon using automated algorithms. Preliminary results suggest that J1359+4011 is an exceptional case.

Extreme scattering event in the quasar 2023+335 In early 2009, the low galactic latitude quasar 2023+335 showed a dip in its light curve, consistent with an extreme scattering event (ESE). The event was detected about 8 months after enhanced γ -ray activity [60] and coincided with the first detection of a parsec-scale multiple image of the source with the Very Long Baseline Array (VLBA) [97]. Combining the VLBA and OVRO data, we were able to model the event with a turbulent refractive screen and a cloud of an angular size of 0.27 mas with a proper motion of $\sim 6.8 \text{ mas yr}^{-1}$. Since then, the source has shown several similar events in the OVRO light curve, which indicates that the foreground screen has a complex structure; follow-up studies are needed to model the interstellar material in detail. With over 1800 sources in our sample, we plan to extend the search of ESEs to all light curves in our sample.

An exceptional radio flare in the BL Lac object Mrk 421 A major radio flare was observed in the BL Lac object Mrk 421 on September 21, 2012 when the source reached $1.1 \pm 0.01 \text{ Jy}$ at 15 GHz, the highest flux density observed in over 30 years of monitoring [55]. The radio flare followed the largest γ -ray flare in the source observed with *Fermi* on July 16, 2012. The cross-correlation between the radio and γ -ray light curves shows a $> 2\sigma$ peak at a delay of 40 ± 9 days with the γ -rays leading. We made follow-up VLBA observations at 5 epochs at 15, 24 and 43 GHz to see if the flare was associated with changes in the parsec-scale emission. We found the core to brighten in accordance with the radio flare but no new superluminal components were detected. Preliminary results of this study were published in [108].

3.1.5 Optical variability

We have extended our variability studies to optical wavelengths. Using data from the Palomar Transient Factory (PTF) [101] and the Catalina Real-Time Transient Survey (CRTS) [34] we studied the connection between optical, γ -ray and radio variability in the CGRaBS and *Fermi* samples [54]. As in the radio band, we find that the γ -ray detected AGN have higher variability amplitudes than the non-detected sources. Furthermore, we find a clear trend between the spectral classes so that the LSP sources are more variable than ISP and HSP objects (Fig. 3 left). Using the method of [95] we have examined the significance of correlations between optical and γ -ray fluxes. The correlation is much tighter in the BL Lac objects, especially in

the HSP and ISPs. This supports the models where the high-energy emission of HSP and ISP objects can be modeled with SSC. Comparing the ratio of γ -ray to optical luminosity (Compton dominance) against the synchrotron peak frequency (Fig. 3 right) also shows that the FSRQs are more Compton-dominated, further supporting the EC scenario for these objects. As expected, we also find that the optical variability amplitudes are higher than in the radio.

3.1.6 Other activities

Two other major pieces of work have been the construction of a new receiver (KuPol) for the 40 m Telescope, with significantly broader bandwidth than our present receiver (6 GHz vs. 3 GHz) and with full polarization capability; and the construction of an optical polarimeter (RoboPol) for the 1.3 m Telescope at the Skinakas Observatory of the University of Crete. KuPol will be commissioned on the 40 m Telescope in May 2014, and RoboPol is already operating in Crete and meeting all of its design goals (see § 4).

3.2 Broader Impact

Student education and training Two Caltech students earned their PhD degrees on this program during the last proposal period: Joseph Richards and Walter Max-Moerbeck. Richards was responsible for the calibration, data editing software and data editing per se and placing the light-curves on the web; Max-Moerbeck was responsible for the telescope scheduling (a monumental task with 1800 objects to observe twice per week) and the radio- γ -ray cross-correlation analysis. They were both responsible for the overall telescope operations, care of the receiver and monthly receiver calibration. A third student, Matthew Stevenson, carried out 20% of his thesis work on this project, and he worked on the data website and the scheduling. The project provided invaluable experience for these students in hardware, software development, astronomical observations, data analysis and writing papers for refereed journals.

Education and Outreach K–12 We continued our group’s educational outreach program in collaboration with the Goldstone Apple Valley Radio Telescope (GAVRT; see the program description on their website⁶), and the Lewis Center for Educational Research (LCER). The LCER runs a K–12 charter school in Apple Valley, California, which has an excellent reputation. The LCER uses the school as a “sounding board” for innovative science teaching tools and projects and has an innovative education and outreach program.⁷ The LCER and GAVRT have developed a highly successful K–12 outreach program in which two of the NASA Goldstone 34 m antennas are dedicated fulltime to a program of education in which teaching tools and programs are developed jointly by GAVRT and LCER, and then teachers are brought to the LCER and GAVRT and instructed in the use of the teaching tools. The teachers then use these programs in their classrooms, and the students control the 34 m telescopes over the internet and make observations, which they calibrate and analyse, and these observations are used in scientific publications by scientists from JPL and other institutions. This outstanding program brings real research into the classroom.

During the last proposal period we have: (1) continued working with six teachers, who we had previously brought from Chile to the LCER, from middle-schools and high-schools [Liceo San Pedro de Atacama, Colegio Concepcion (P. de Valdivia), Colegio Concepcion (San Pedro de la Paz), and Colegio Santa Teresita (Coelemu)] on the GAVRT program and held many observing sessions in four different schools in which their own students have controlled the 34 m telescope at Goldstone, made observations and analysed the results and the program of monitoring active galaxies, which is run by Dr David Jauncey (CSIRO); (2) worked with Jauncey to develop a new active galaxy program “Black Hole Patrol,” which will be one major focus of our Education and Outreach program over the next 3 years; (3) again brought a group of Chilean teachers to the LCER, this time to learn about the SETI program, which is run by Dr Steven Levin (JPL) and which will be a second major focus of our Education and Outreach program over the next 3 years.

⁶<http://deepspace.jpl.nasa.gov/dsn/gavrt/>

⁷<http://www.lewiscenter.org/>

4 Proposed Scientific Program

There are eight distinct facets to the work we are proposing. The details follow in numbered sections. *Note that the two polarimeters used in § 4.1 and § 4.3 were built by us and our collaborators over the last 3 years and are “state-of-the-art” instruments.*

4.1 Continuation of the 40 m Telescope Monitoring Program

First and foremost we will continue our very successful 40 m blazar monitoring program of 1831 objects selected as described in § 3.1.1 and expand it by including additional *Fermi* blazars as they are detected. **The 40 m Telescope will be dedicated full time to this program in order to observe all objects in our sample twice per week.** These data, all available on the web, are being widely used by the community, as can be seen by the list of papers that have used the data given in the introduction to §3, and together with the *Fermi*-GST data are enabling us to tie down the relationship between the γ -ray and radio emission regions in blazars and radio galaxies, as described in § 4.4. Our own scientific program of studying AG depends critically on extending the light curves for three more years. Funds are requested here to calibrate the data, place it on the web each month, and carry out our own analyses as described below in § 4.4, § 4.5, and § 4.6.

New Radio Polarimeter The current receiver on the 40 m Telescope at OVRO is a dual-beam Dicke-switched radiometer. We have completed fabrication of a new receiver, called KuPol, which will be commissioned on the telescope in May 2014. The KuPol receiver (Fig. 4) will measure both total intensity and linear polarization with 8 MHz spectral resolution from 12 to 18 GHz. **Sensitivity:** The bandwidth has been increased from 3 to 6 GHz and we use better low-noise amplifiers (LNAs) to increase the sensitivity. We retain the dual-beam architecture for optimal suppression of atmospheric fluctuations and gain drift from flux-density measurements. **Correlation polarimetry:** KuPol measures the linear polarization of each beam in a correlation fashion for maximum suppression of receiver systematic errors. We inject calibration noise signals into the signal path to measure, and correct for, frequency-dependent amplitude and phase differences in the receiver hardware. **Digital processing:** The radio frequency signals from the cryogenic front-end are transported from the prime focus to the telescope pedestal over an RF-over-optical fiber system. The RF signals are recovered in the telescope pedestal, and the 12 to 18 GHz band is separated into 500 MHz wide sub-bands that are digitized and processed using flexible off-the-shelf FPGA-based ROACH boards from CASPER (Center for Astronomy Signal Processing and Electronics Research). These have been programmed to measure the beam-differenced total intensity and the linear polarization of each horn. The resulting spectra are stored on disk and screened for radio frequency interference (RFI) before being processed by a data reduction pipeline.

4.2 Application of machine learning to our 15 GHz light curves

Under the leadership of Dr Dayton Jones at JPL, the machine learning group will provide algorithms to detect and characterize features in the 15-GHz flux density curves such as quasi-periodic oscillations, extreme scattering events, interstellar scattering, etc., automatically [cf. **123, 124**]. These algorithms improve their accuracy over time as they are trained with increasing examples of scientifically interesting and non-interesting variations. This portion of our program aims at increasing the efficiency of data analysis and the scientific output from the monitoring program. The existing data set is large and there might well be other interesting phenomena in the data that we have not yet recognized.

4.3 RoboPol

Blazars are known to be highly linearly polarized at optical wavelengths, and we expect $\sim 50\%$ of the *Fermi* blazars to be more than 2% polarized. Several observations have shown that the polarization position angle (EVPA) can rotate rapidly [**6, 72, 73, 99, 115**]; for example, Marscher et al. [**72**] combined observations of BL Lac at radio, optical, and X-ray frequencies and showed that during a period of high activity the optical

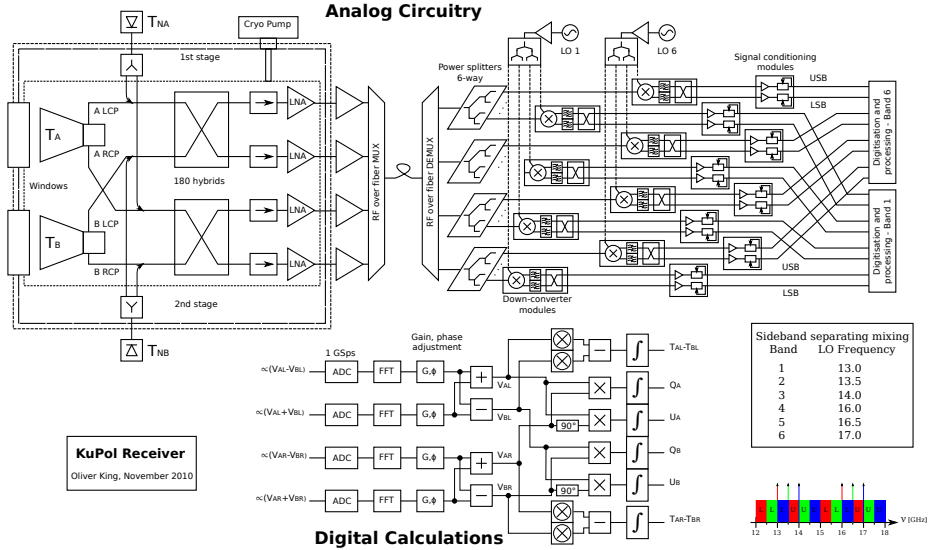


Figure 4: The analog hardware and digital processing of the KuPol receiver for the 40 m Telescope. Circular polarization voltages from two horns are combined using 180° hybrids before being amplified and converted to baseband. The RF signal chains are digitized and processed using off-the-shelf CASPER hardware (ROACH boards). Complex correction coefficients are applied and the horn voltages recovered. These are correlated to produce beam-differenced total intensity and the linear polarization for each horn. Noise diode signals can be injected with equal amplitude and phase into each horn polarization in order to calibrate instrumental gain and phase.

EVPA rotated through 180° in less than a week. They also showed that the optical polarization observations were critical to connecting the X-ray activity to the activity at radio wavelengths. This is clearly a crucial diagnostic in relating the high frequency activity with that at lower frequencies. However there currently exist only limited ground-based polarimetry measurements in support of the *Fermi* mission, despite their critical importance to the scientific interpretation of the mission’s data. The relative brightness and high polarization fraction of these objects make it possible to use a relatively small telescope to measure their polarization properties.

We have therefore started a new optical polarization monitoring program, called RoboPol⁸, of unprecedented scale specifically aimed at discovering and finely sampling optical EVPA rotations during γ -ray flares. Sudden swings in polarization, such as we have already observed since commissioning the instrument in June 2013, provide information critical to relating the emission over the whole energy band, which is crucial in understanding all aspects of these relativistic jets. The data are being analysed each day so that rapid swings in polarization will be detected early and the community will be informed via ATeLs. *Fermi*-GST observations will be done automatically since the LAT scans the whole sky every 3 hours, and in addition rapid follow-up observations will be made at the OVRO on the single-baseline 27 m-telescope interferometer at 5 GHz and 8 GHz, the 40 m Telescope at 15 GHz, and CARMA at 95 GHz as well as on a number of other instruments that also have intensive programs studying AGN, such as *NuSTAR* and VERITAS (see § 4.5).

We use a high-throughput polarimeter and substantial access to the Skinakas Observatory⁹ 1.3-m telescope to obtain high-cadence light curves of a large sample of blazars. The University of Crete has committed to making the Skinakas 1.3 m telescope available to the RoboPol project for an average of 4 nights a week during the observing season (1 April to 30 November), for the duration of this proposal, subject to satisfactory scientific progress; and to providing on-site observing support throughout the duration of the project proposed here, covering all costs associated with the operation of the telescope and the Skinakas Observa-

⁸<http://www.robopol.org/>

⁹<http://www.skinakas.org.gr>

tory. This work will result in a better understanding of the configuration and strength of the magnetic field in the γ -ray emission zone and, in combination with data from radio and γ -ray wavebands, it will enable competing jet composition, collimation, acceleration, and confinement theories to be tested.

RoboPol is an imaging photopolarimeter that measures the linear polarization and magnitude of all sources in the $13' \times 13'$ field of view. It is installed on the 1.3-m modified Ritchey-Chrétien optical telescope (129 cm primary, 45 cm secondary, $f/7.54$) telescope at the Skinakas Observatory (1750 m, $23^\circ 53' 57''$ E, $35^\circ 12' 43''$ N) in Crete, Greece. It uses a novel imaging system to measure both relative Stokes parameters (Q/I and U/I) simultaneously, with a single exposure. This design eliminates the need for multiple exposures with different half-wave plate positions, thereby avoiding systematic and random errors due to sky changes between measurements and imperfect alignment of rotating optical elements. We optimized the instrument sensitivity for a source at the centre of the field by using a mask in the telescope focal plane. This prevents unwanted photons from the nearby sky and sources from overlapping with the central target on the CCD, further increasing the sensitivity of the instrument for the central source in the field.

Blazar emission at optical wavelengths is highly variable and the optical polarization events we aim to characterize can occur very rapidly. This requires a flexible observing scheme capable of responding to changes in the optical polarization of a source without human intervention. We have developed a data reduction pipeline and control system [62], which combines dynamic scheduling, real-time data reduction, and telescope automation for high-efficiency unassisted observations.

The RoboPol instrument was successfully commissioned on the Skinakas telescope in May 2013. In the 2013 observing season we performed two surveys. **Snapshot survey:** A single-epoch measurement of the optical linear polarization properties of a statistically-complete sample of nearly every γ -ray loud blazar visible from the Skinakas observatory and detectable by our instrument, as well as a control sample of γ -ray quiet, but otherwise similar, blazars. The snapshot survey has demonstrated that γ -ray-loud and otherwise similar gamma-ray-quiet blazars differ in their optical polarization properties, underlying the importance of optical polarization monitoring in understanding the behavior of these sources in gamma rays [94]. **Monitoring survey:** High-cadence monitoring throughout the observing season of a statistically-complete sample of γ -ray loud blazars (53 sources) and a control sample of γ -ray quiet blazars (17 sources), and an additional sample of 26 high-interest sources not included in the statistically-complete subsample. The purpose of the snapshot survey is to characterize

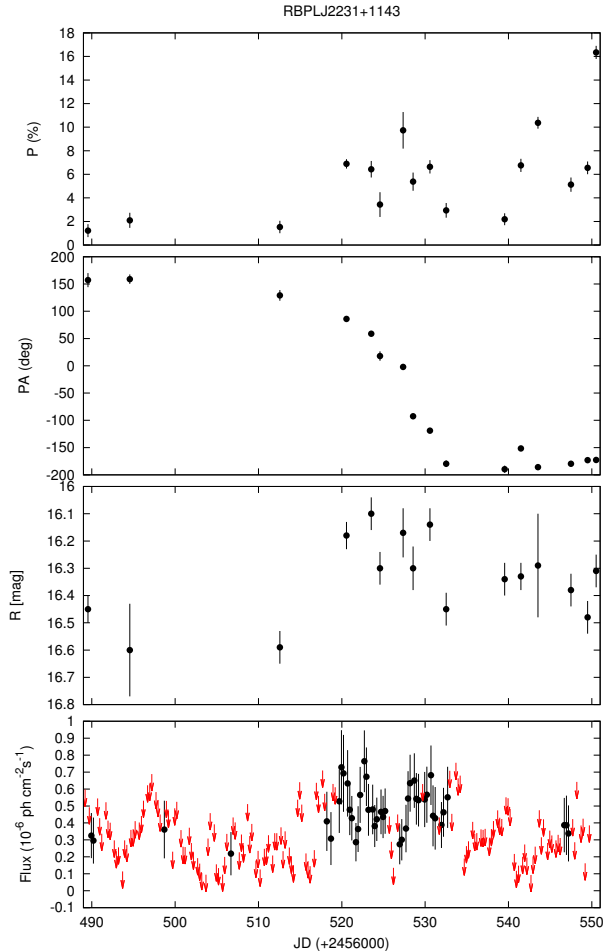


Figure 5: High-cadence monitoring of the blazar CTA 102 (RBPL J2231+1143) revealed a rapid rotation in the optical polarization angle (PA) over ≈ 10 days. This was accompanied by an increase in the γ -ray flux (*bottom panel*), optical magnitude, and optical polarization fraction. RoboPol observed the blazar 7 times during the rotation, thereby cleanly resolving it.

the population of γ -ray loud blazars in a way that is representative of the γ -ray loud blazar population, and is suitable for testing population models. We will also use this information to select the final RoboPol observing sample. A primary goal of the RoboPol project is to respond immediately to important changes in a source’s behavior without human intervention. However, knowing what changes in a source’s emission are important requires us to first characterize their behavior. The monitoring survey, in addition to being scientifically valuable on its own, will be used to perform this characterization and inform the design of the dynamical scheduler. During the winter shut-down of 2013/2014 we will finalize the RoboPol sample of > 100 γ -ray loud blazars and ≈ 20 γ -ray quiet control sources. These sources will be monitored through at least the end of 2015. The RoboPol project has already achieved a major milestone, with the first RoboPol detection of an optical polarization rotation event: the blazar CTA 102 showed a smooth rotation in optical EVPA coincident with an increase in γ -ray activity (Fig. 5). The rotation happened in only ≈ 10 days, and yet was well-resolved by RoboPol with 7 observations during the event.

4.4 Cross-correlation of the 15 GHz and *Fermi*-GST light curves

The typical duration of radio “flares” is a few months to a year and the interval between radio flares is typically a few years. It is therefore vitally important that the OVRO observations continue for another three years in order to span the current *Fermi*-GST 2008–2016 observing window. This will provide adequate sampling of the light curves to determine delays between the radio and γ -ray flares. Only by doing this can we determine the location of the γ -ray emitting regions.

There have been many claims in the literature of significant cross-correlations between radio and γ -ray variations in blazars but most of these have been “cherry-picked” after the fact. The results of our cross-correlation analyses of *Fermi*-GST data with the OVRO 15 GHz light curves and the F-GAMMA observations are both statistically significant and extremely interesting. As described in §3.1.3, we are seeing (i) high significance levels of correlation in a small fraction of our objects; (ii) the radio variations lag the those at γ -ray energies; and (iii) the lag decreases with increasing frequency and falls to zero by ~ 150 GHz. Inspection of the radio light curves shows that in most cases the flaring events persist for several tens to hundreds of days and are separated by many months to several years. We are therefore confident that the number of significant cross-correlations will increase steadily as we increase the timespan of observations. A major aim of this proposal is to solidly confirm these three findings with three more years of observations.

4.5 Other Data Sets from radio to TeV Energies

Our project monitoring 15 objects at 95 GHz (Monitoring of γ -ray Active galactic nuclei with Radio, Millimeter and Optical Telescopes (MARMOT)¹⁰) has been accepted as a CARMA key project and will continue until at least the summer 2015. In addition we are actively collaborating with groups using a number of instruments (i) the F-GAMMA group; (ii) the VERITAS TeV group (we are monitoring their sample for them as part of this program); (iii) *NuSTAR*; (iv) the MOJAVE group using the VLBA at 15 GHz, and thus perfectly matched; (v) the Palomar Transient Factory; and (vi) the Catalina Real Time Survey. So we will cover the whole spectrum of many highly variable blazars at many epochs (some in polarization) thereby enabling us to correctly identify “flares” seen at different frequencies and hence to model the emission regions. The interaction with these projects goes both ways – we inform them of interesting activity that we detect on the 40 m, 27 m and/or CARMA telescopes as well as with RoboPol, and they inform us of any interesting activity on their telescopes. We are continually adding new objects to our 40 m Telescope monitoring program in response to requests from many of these groups. As a result the papers that we publish are comprised of papers that come out of our own scientific program, on which we are first authors, and papers that come out of these other programs, on which they are first authors. This has worked extremely well over the last 5 years and is a clear indication of the effect that *Fermi*-GST has had in catalyzing a lot of these activities.

¹⁰<http://www.astro.caltech.edu/marmot/>

4.6 Interstellar scintillation and fast intrinsic variability at 15 GHz

Many of the sources in the OVRO monitoring program show rapid variations on time-scales of a few days. Observations with ATCA and other telescopes have established that in many such sources short time-scale variations are due to interstellar scintillation (ISS) rather than intrinsic to the source. While low-level intrinsic variations cannot be entirely ruled out, refractive ISS is clearly the principal mechanism responsible for the IDV seen in many flat-spectrum, compact radio sources. Key to this were observations of three “fast” variables, PKS 0405–385, J1819+3845, and PKS 1257–326 [30, 61, 126]. PKS 0405–385 shows variations on time-scales of less than an hour; if intrinsic, these variations implied a brightness temperature of $\sim 10^{21}$ K, some 9 orders of magnitude above the inverse-Compton limit. However, the data could be explained more sensibly by refractive interstellar scintillation of a microarcsecond-scale synchrotron source component. ISS fitted well with the high degree of correlation between the variations at 5 and 8 GHz, the change in time-scales at 2.3 and 1.4 GHz, and the variation of modulation index with frequency. Observations at 5 and 8 GHz between the ATCA in Australia and the VLA in New Mexico revealed a significant time difference of 140 ± 25 s, demonstrating unequivocally that ISS was the principal mechanism. J1819+3845 has been modeled as source no more than $16 \mu\text{as}$ radius located behind a scattering cloud only a few tens of pc from Earth. In PKS1257–326 measurements over the course of a year revealed the presence of an annual cycle [19] in the variability pattern, just as had been observed in J1819+3845 [30]. Moreover, annual cycles have been established not only for the fast variables, but also for many more of the “slower” IDV sources for which a time delay measurement is not feasible. The MASIV VLA 5 GHz Survey [70, and references therein] has shown clearly the strong Galactic correlations between the measured scintillation amplitudes and frequency, and both Galactic latitude and $H\alpha$ intensity.

OVRO observations The OVRO 15 GHz measurements are ideal for studying at which time scales the fast variations are intrinsic or due to ISS. The number of sources showing very fast variability in the OVRO light curves is fairly small, which allows us to study these sources in great detail. In Fig. 6 a, we show the modulation index $m = \sigma / \langle S \rangle$, where σ is the standard deviation of the measurements and $\langle S \rangle$ is the mean flux density, against the mean flux density of the objects. In order to catch the fastest variations, the modulation index is calculated for each consecutive 14-day period in the light curves, which are then averaged for each source. Sources that show exceptionally fast variations compared to the general population are shown above the red curve. There are 11 sources that also are above the selected flux cutoff at 150 mJy and where the variability is not due to confusion within the beam.

In order to test the capability of the 40-m to detect fast variations, we observed the 11 sources along with calibrators continuously for a 4-day period. During the 4-day period, six sources showed significant variations that cannot be explained with instrumental effects. Examples are shown in Fig. 6 b, where we show the light curves since 2008 and the light curves over the four days for three sources. The observations of the calibrator 3C 286 are consistent with no significant variations while in the two other sources, CGRABS J0527+0331 and CGRABS J0721+7120 significant variations are seen. Both of these sources have shown fast variations in other wavelengths as well but the origin of the variations at 15 GHz is unclear, i.e. whether it is intrinsic or due to interstellar scattering [e.g., 42, 43, 98]. This is what we plan to probe with the 40-m observations by performing intense monitoring campaigns of the fast varying sources four times per year.

During the course of the grant period, we will develop a more sophisticated way to distinguish the fastest-varying objects in the OVRO sample. We will then monitor them intensively four times per year with the 40-m telescope at 15 GHz and with the 27-m interferometer at 5 and 8 GHz to probe the origin of the variations. The multifrequency observations will allow us to more easily distinguish between the models and multiple observations per year will allow us to estimate seasonal effects, such as the movement of Earth with respect to the Galaxy.

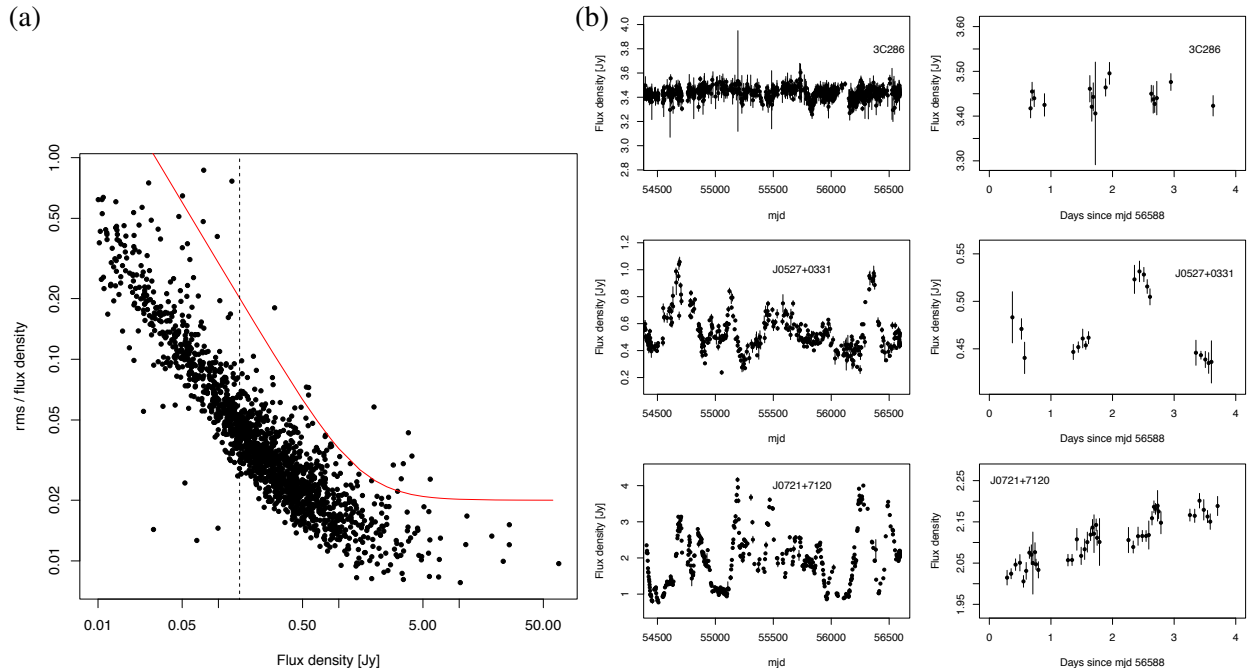


Figure 6: (a) Modulation index vs. the mean flux density for OVRO sources. Modulation index is calculated for every consecutive 14-day period and then averaged to probe the fastest variations. *Dashed line*: flux density cutoff at 150 mJy, below which fast variations cannot be detected reliably. *Red curve*: typical observational error; sources above the line are good candidates for ISS or fast intrinsic variations. (b) *Left*: Long-term OVRO 15 GHz light curves of sources 3C 286, J0527+0331 and J0721+7120. *Right*: Variations during the intense 4-day monitoring campaign. 3C 286 is consistent with no variability while the others show significant variations in 4 days.

4.7 Confronting Simulations with Observations

We plan a significant effort focused on combining the latest results of simulations with observations over the whole range of energies. We will work closely with Prof. Roger Blandford and his group at Stanford (Blandford has a PhD student working in this area). There has been remarkable progress in the scope of numerical simulations of disks and jets [e.g., 22, 37, 45–47, 84–88, 120, 121]. As the culmination of over thirty years hard work, it is now possible to perform general relativistic simulations of three (space) dimensional flows around black holes for scales up to a million times the gravitational scale of a massive black hole. This connects the physics of the event horizon to the variations observed by radio telescopes on scales of tens of parsecs. Furthermore, the breaking of axisymmetry ensures that the simulated flows are not protected from ravaging by toroidal and kink modes whose counterparts are so disruptive in laboratory pinches. The most important conclusion from these simulations is that jets powered by the electromagnetic extraction of spin energy from a massive black hole are efficient and durable. Furthermore, the simulations reveal properties like quasi-periodic oscillations that may be observable.

Despite their impressive scope there is much that these simulations do not include. The treatment of internal energy is still quite primitive and the prescription for associating a distribution function of relativistic electrons with fluid elements is quite *ad hoc*. What is proposed here is to create a pipeline that will begin with a MHD simulation, augment it with one of several radiative prescriptions, “observe” it using the procedures that Blandford and others have refined for use with actual observatory data and then infer the characteristic Lorentz factors, viewing angles, spectral indices, polarization distribution, source counts, etc. A full understanding of jets can only come by considering the observations throughout the electromagnetic spectrum. Accordingly, we shall also derive cross correlations with observations of radio, γ -rays, and optical polarization.

The final step in this process is to determine which set of assumptions best represents the individual and

collective observations of AGN jets and to use the associated models to refine the simulations and better understand the physical conditions around the black hole event horizon. Blandford is enthusiastic about developing a close collaboration with our group at Caltech; at Caltech we expect to have a post-doc spending a significant amount of time on this and both Pearson and Readhead will be closely involved. Were we to find a theoretically minded graduate student then the student could also play a major role.

4.8 Interactive Web Portal

Led by Dr Dayton Jones, the JPL data archiving group will deploy an interactive web portal with rapid and user-friendly tools for accessing and visualizing all archived data. This portal, modeled after the successful V-FASTR radio transients portal [123, 127], will allow scientists to review and classify light curves collaboratively from anywhere on the web. This part of our program promises to increase the efficiency of data analysis, the accessibility of data to outside scientists and students, and the scientific output from the monitoring program.

5 Broader Impact of the Work

5.1 Education and Outreach

Our Education and Outreach program will provide monitoring data at 2.3 GHz and 8.4 GHz of about 30 of the brightest, most active blazars in our sample and so will also be a real contribution to the science program.

The Black Hole Patrol The “Black Hole Patrol” is a program being developed with Dr David Jauncey (CSIRO, Australia) to study Active Galaxies (AG) using the Goldstone Apple Valley Radio Telescope (GAVRT) in collaboration with the Lewis Center for Educational Research (LCER). The Black Hole Patrol observations will be used in conjunction with the OVRO and *Fermi* observations to explore a wide range of interesting phenomena in nature’s high energy accelerators. In this program the “Black Hole Patrol Team,” comprised of middle-school and high-school teachers from (i) Chile, under the leadership of Dr Ricardo Bustos; (ii) South Africa, under the leadership of Ms Aritha Pillay; and (iii) California, under the leadership of Dr Anthony Readhead, will work with Ryan Dorsey and the staff of the LCER to carry out a well-defined scientific program of observations of AG in conjunction with the OVRO monitoring program. Selected sources will be observed once per week at the NASA S- and X-band frequencies with DSS 13 or the C- and X-bands with DSS 28. Our objective is to have a publishable scientific data set at the end of one year. The resulting scientific publication would include schoolchildren and their teachers in the author list.

SETI These groups will also participate in the Search for Extraterrestrial Intelligence (SETI) program on GAVRT. They will choose “Sky Frames” along the galactic plane to be searched; run the telescope to collect new data; and use the JPL custom software to filter out radio frequency interference (RFI) and to identify candidate signals that are potentially of extraterrestrial origin. In addition the Caltech group will work with the JPL group on curriculum development.

5.2 Student training

The PI has a record of strong involvement of undergraduate students, graduate students and postdocs in all of his past projects. Several Caltech undergraduates will work on this project, supported by Caltech Summer Undergraduate Research Fellowships (SURFs). Over the 3-year span of this project we hope to involve four or five Caltech undergraduates. In addition our graduate students and post-doctoral fellows work closely with us in the Education and K–12 programs.



Kavli Institute for Particle Astrophysics and Cosmology

P.O. Box 20450, MS 29, Stanford, CA 94309

Roger Blandford
rdb3@stanford.edu

Phone: 650 926 2606
Fax: 650 926 8570

To: NSF Astronomy and Astrophysics Research Grants Program
From: Roger Blandford, KIPAC, Stanford University

By signing below (or transmitting electronically), I acknowledge that I am listed as a collaborator on this proposal submitted to NSF, entitled "A Critical Study of Relativistic Jets in the Fermi Era from Radio to TeV Energies" with Anthony Readhead as the Principal Investigator. I agree to undertake the tasks assigned to me or my organization, as described in the project description of the proposal, and I commit to provide or make available the resources specified therein.

A handwritten signature in black ink, appearing to read "R. Blandford".

Roger Blandford
KIPAC, Stanford University
13 xi 2013



**UNIVERSIDAD CATOLICA
DE LA SANTISIMA CONCEPCION**
FACULTAD DE INGENIERIA

To: NSF Astronomy and Astrophysics Research Grants Program

From: Ricardo Bustos
Professor
Universidad Católica de la Santísima Concepción (UCSC)

By signing below, I acknowledge that I am listed as a collaborator on this proposal submitted to NSF, entitled "A Critical Study of Relativistic Jets in the Fermi Era from Radio to TeV Energies" with Anthony Readhead as the Principal Investigator. I agree to undertake the tasks assigned to me or my organization, as described in the project description of the proposal, and I commit to provide or make available the resources specified therein.

Signed: Ricardo Bustos

Organization: Universidad Católica de la Santísima Concepción

Date: November 12, 2013.

**Lewis Center for Educational Research
Academy for Academic Excellence**

17500 Mana Road
Apple Valley, CA 92307
<http://www.lewiscenter.org>
760-946-5414



November 12, 2013

To: NSF Astronomy and Astrophysics Research Grants Program
From: Ryan Dorsey
Lewis Center for Educational Research

By signing below, I acknowledge that I am listed as a collaborator on this proposal submitted to NSF, entitled "A Critical Study of Relativistic Jets in the Fermi Era from Radio to TeV Energies" with Anthony Readhead as the Principal Investigator. I agree to undertake the tasks assigned to me or my organization, as described in the project description of the proposal, and I commit to provide or make available the resources specified therein.

Signed: 
Organization: Lewis Center for Educational Research
Date: November 12, 2013



To: NSF Astronomy and Astrophysics Research Grants Program,

From: Dr David L. Jauncey, CSIRO Astronomy and Space Science & Research School of Astronomy and Astrophysics, Australian National University

By signing below (or transmitting electronically), I acknowledge that I am listed as a collaborator on this proposal submitted to NSF, entitled "A Critical Study of Relativistic Jets in the Fermi Era from Radio to TeV Energies" with Anthony Readhead as the Principal Investigator. I agree to undertake the tasks assigned to me or my organisation, as described in the project description of the proposal, and I commit to provide or make available the resources specified therein.

Signed:

A handwritten signature in blue ink that reads "David L. Jauncey". The signature is fluid and cursive.

Organisation: CSIRO Astronomy and Space Science & Research School of Astronomy and Astrophysics, Australian National University

Date: November 14, 2013



Jet Propulsion Laboratory
California Institute of Technology

4800 Oak Grove Drive
Pasadena, California 91109-8099



To: NSF Astronomy and Astrophysics Research Grants Program

From: Dayton L. Jones, Principal Scientist, Jet Propulsion Laboratory

By signing below (or transmitting electronically), I acknowledge that I am listed as a collaborator on this proposal submitted to NSF, entitled "A Critical Study of Relativistic Jets in the Fermi Era from Radio to TeV Energies" with Anthony Readhead as the Principal Investigator. I agree to undertake the tasks assigned to me or my organization, as described in the project description of the proposal, and I commit to provide or make available the resources specified therein.

Signed: Dayton L. Jones

Organization: Tracking Systems and Applications Section, Jet Propulsion Laboratory

Date: 12 November 2013




To: NSF Astronomy and Astrophysics Research Grants Program

From: N. Kylafis,
Professor of Astrophysics,
Department of Physics, University of Crete

By signing below, I acknowledge that I am listed as a collaborator on this proposal submitted to NSF, entitled "A Critical Study of Relativistic Jets in the Fermi Era from Radio to TeV Energies" with Anthony Readhead as the Principal Investigator. I agree to undertake the tasks assigned to me or my organization, as described in the project description of the proposal, and I commit to provide or make available the resources specified therein.

Signed:

Handwritten signature of N. Kylafis in blue ink.

Organization: University of Crete

Date: November 13, 2013

14 November 2013

To: NSF Astronomy and Astrophysics Research Grants Program
From: Aritha Pillay, Durban University of Technology

By signing below (or transmitting electronically), I acknowledge that I am listed as a collaborator on this proposal submitted to NSF, entitled "A Critical Study of Relativistic Jets in the Fermi Era from Radio to TeV Energies" with Anthony Readhead as the Principal Investigator. I agree to undertake the tasks assigned to me or my organization, as described in the project description of the proposal, and I commit to provide or make available the resources specified therein.

Signed:.....

Organization: Durban University of Technology

Date: 14 November 2013




supported
14/11/2013

Noted.



DEPUTY DEAN: ENGINEERING & THE BUILT ENVIRONMENT
DURBAN UNIVERSITY OF TECHNOLOGY
P.O. BOX 1334, DURBAN
COMMISSIONER OF OATHS, EX OFFICIO
DURBAN

CERTIFIED A TRUE COPY
OF THE ORIGINAL

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14 November 2013

Mr. S.D. MacPherson
Associate Director
Department of Electronic Engineering
Durban University of Technology

SKA SA to sponsor for a teacher to travel to Caltech in 2014

Dear Mr. MacPherson

I confirm that the SKA SA will sponsor up to two teachers from Carnarvon, to visit Caltech and the Lewis Center for Educational Research (LCER) next year June / July, to participate in the classes for the GAVRT program.

Thank you for considering the SKA SA in your collaboration with Caltech

Best wishes,

A handwritten signature in black ink that reads 'Kim de Boer'. The signature is enclosed within a hand-drawn circle.

Kim de Boer
General Manager: Human Capital Development



The South African SKA Project is a business unit of the National Research Foundation

The Lewis Center for Educational Research



Built by teachers, tested by kids
Board Report December 1, 2013

Dear Board members,

We are beginning the Class of 2014 matriculation cycle with the seniors of the High Desert. This year will be the first of the fully electronic matriculation system in place which will streamline the system and bring VVC into compliance under SB 1456 Student Success Initiative. The K16 Bridge Counselors will be going through a series of trainings starting in December to get them up to speed on the latest information concerning financial aid, college placement testing and enrollment. We currently have 24 High Desert high schools participating in the program. Our Class of 2013 data shows that 1,631 seniors (out of 4,100 approximately) qualified as Bridge Seniors at VVC and were eligible for priority registration

In studying the data on the Class of 2013 we continue to see a need for remediation and preparation for students transitioning into a post-secondary institution. Looking at the results of the college placement exam, 68% of the seniors that qualified for Bridge status tested at college level or one level below college level in English. In the area of math, only 4% of the seniors tested scored high enough to enter a college level math course. 37% of seniors tested one to two levels below college level in math. These scores, although low, were higher than non-Bridge students entering VVC. We believe that we have to increase the number of students entering VVC or other two or four year institutions college ready.

In order to try and raise the college entrance score of students, we will be piloting a number of college prep courses. These courses will range from online to hybrid. In addition we are working on an agreement with College Board and Pearson to field test one thousand college preparatory courses with Bridge students around the state. We will also be doing this with Peterson's Inc. new college prep course. We hope to have the results of the pilots by May so that we can make a recommendation to our clients and to put the better product on our My Mentor site.

The MOU with San Bernardino School District, CSUSB, and the Lewis Center should be finally signed the first of December. I hope to begin the first Bridge training in San Bernardino in January. The goal is to take the majority of the seniors in that district through the process this spring with the ninth graders at all seven SBCSD high schools starting the program next fall.

It looks like we could have our first Los Angeles area community college come on board this spring. Cerritos College is very interested in adopting the program and implementing our online education plans and senior matriculation system. I have presented to their administration with a follow up presentation set for December 19th. Rio Hondo College is also interested and wants to set-up presentations to their administration and counseling staff in January.

On November 25th and 26th a group from the Lewis Center met with over thirty educational and technical experts to begin the process of designing a 21st Century version of Bridge. The workshop was held at the USC Institute for Creative Technologies. USC's ICT Center is very interested in partnering with the Lewis Center on a special version of the My Mentor portal called My Home Base. My Home Base will focus on preparing active and non-active members of the military for their transition into post-secondary institutions. Along with My Home Base, the ICT Center is also interested in working with us on the next generation Bridge Program. This 21st Century version of our program will address career pathways, college readiness, and matriculation in a more streamline and dynamic way. Other groups participating along with LCER and USC will be Peterson's Inc., NelNet, EUREKA, Hartnell College, and West Valley College. We are very excited about the possibilities present by working with these groups.

**Regular Joint Meeting of the
High Desert “Partnership in Academic Excellence” Foundation, Inc. Board of Directors
Academy for Academic Excellence School Board Committee and
Norton Space and Aeronautics Academy School Board Committee**

**Minutes
September 9, 2013**

1.0 Call to Order

Chairman Bud Biggs called the meeting to order at 8:10 a.m.

2.0 Roll Call

Foundation Board Members Duberly Beck, Bud Biggs, Regina Bell, Buck Goodspeed, Jack Hamilton, Andrew Jaramillo, Scott Johnson, Jeff Lewis, Jose Palafox, Kevin Porter, Donna Siegel, Russell Stringham, Marcia Vargas and Rick Wolf were present.

Andrew Jaramillo left before the vote.

Foundation Board Members David Bains, Robert Lovingood and Kirtland Mahlum were absent.

AAE School Board Committee Members Jose Palafox, Kevin Porter, Russell Stringham and Rick Wolf were present.

AAE School Board Committee Members David Bains and Robert Lovingood were absent.

NSAA School Board Committee Members Duberly Beck, Andrew Jaramillo, Scott Johnson, Jeff Lewis and Marcia Vargas were present.

Andrew Jaramillo left before the vote.

Staff members Cheryl Dale, Teresa Dowd, Rebecca McCoy, Stacy Newman, Rick Piercy, Jim Quinn, Jim Southwick, and Cheryl Thompson were also present.

Norma Spencer represented the San Bernardino County Superintendent of Schools.

3.0 Public Comments

Mr. Lu, a NSAA parent asked what the plan was for the bilingual program in the upper grades. Rick Piercy stated that as dual immersion programs grow 50/50 works well up to middle school. There are requirements for MS/HS that are needed and it is difficult to attain 50/50 due to lack of enrollment in those grades. We will continue to work towards that.

4.0 Special Presentations/Announcements

.01 Cheryl Thompson was recognized for her 19 years of service with the LCER.

.02 Jim Southwick went over 2013 CST results, school performance by year, matched growth (compares same students year to year), STAR 2012-13 proficient and advanced, cohort growth, teacher in vs. out data, special needs in vs. out data, grade level cluster data, teacher level cluster

data, student level cluster data, advanced placement exam, advanced placement 5 year trend, early assessment program, CAHSEE, and API (NSAA 676 and AAE 841). We can use this data to identify individual intervention and be specific when working with students. Also the best way to assess a teacher's effectiveness is to compare students year to year. We have data back for 2 years. We can assist teachers with curriculum, calendar of instruction, instructional strategy training and staff development.

We have been working on math at AAE. There are many variables such as math placement, materials, and instructional placement. The data shows where we can correct problems.

A question was asked if NSAA's math proficiency had correlation to being taught in Spanish and testing in English. Not really. As we add grade levels we add new teachers.

At future meetings the Board would like to hear the Principals share what they're doing with data.

5.0 **Correspondence:** None

6.0 **Discussion Items**

.01 AB1266 creates the right of elementary and secondary school students to use sensitive sex-segregated school facilities such as showers, restrooms and locker rooms based on the student's perceived gender identity rather than their actual sex. A referendum has been filed by the Privacy for All Students coalition to give voters the right to reject the law. If the referendum qualifies for the ballot, AB 1266 will be suspended until voters decide whether to approve or reject it. For more information you can go to www.privacyforallstudents.com.

.02 We are currently paying low interest rate on the bond to build the AAE gym, but everyone believes interest rates will be going up and we could get stuck with high rates. We cannot negotiate with outside entities, but our current bank will negotiate and they have given a bid for new fixed rates. It will still be less than what we were paying at our previous bank. The budget will be updated. There are no lump sum fees, only legal costs. Jose is glad we're addressing it now.

7.0 **Information**

.01 Staff reports were included in the packet.

.02 The Foundation Board Attendance Log was included in the packet.

.03 The Red Cross Agreement to use the Mojave River Campus for emergencies was included in the packet.

.04 President/CEO Report – Rick Piercy

Rick reported that Gordon and Lisa are in Shanghai through CSBA.

NSAA received a 6 year WASC accreditation. We have redone the Conditional Use Permit with the City of San Bernardino – there are many new requirements for NSAA. The City wants a median put in on Central but we are suggesting a parking lot instead to address the concerns. We

will have spent half a million this year at NSAA which is more than we budgeted so we are using reserves. Next year we may have to put in signal light at Foisy. We are still looking at Seccombe Lake as a possible location. San Bernardino City USD has given us 9 portables (6 for NSAA and 3 for AAE) and we are requesting 15 more.

AAE plans to move all grades to MRC and possibly create a STEMs academy at Thunderbird. Traffic will be a problem. We will be putting a signal light in at Tuscola (our fair share is 26%), putting the power lines underground, filling in the wash behind E and covering the Native American sites. The AAE gym dedication is November 8 at 9:00 a.m.. Congressman Cook will be there in the afternoon at 1:30. Thank you to Mitsubishi for the cement donation. It was asked if we will still consolidate if we don't get the portables from SBCUSD. We would then lease them.

K16 Bridge meets all 7 of the criteria for colleges for SB 1456 matriculation requirements. Colleges can apply for a grant through Hartnell, who will be working with us and applying for a \$6 million grant yr/5 yrs. Chris and David will present the program to all 112 community colleges. San Bernardino City schools are joining Bridge and will have guaranteed acceptance at CSUSB. We are looking at putting Bridge into the military through DoDEA. We have also been approached by Nelnet regarding prep tests for SAT, ACT, etc. They will put their testing materials into Bridge at a reduced cost. It was asked if we were working with other universities than CSUSB. They are the first one to work with us so far.

We are moving forward with SB Co. Flood Control and the Desert Knolls Wash. MDAQMD is holding a meeting tonight at AAE about VVWRA's project.

.05 NSAA Principal's Report – Guadalupe Girard was not in attendance.

8.0 Standing Board Committee Reports

- .01 (a) Budget/Audit Committee – Russell Stringham reported the committee had no report.
- (b) Fundraising Committee – Donna Siegel promoted the 3rd annual Festival of the Arts. At the reception Friday, September 13 at 7:00 p.m., Chelsea Franko will be performing. Tickets are available for \$25. Donna encouraged the Board to purchase tickets and give them to their contacts. The art show itself is Saturday, September 14. Thank you to all the sponsors. We have 250+ pieces of art, photographs from local high schools, craft vendors, flea market, live music, and something for all ages. T-shirts are for sale for \$15. Donna challenged the Board for 100% participation.
- (c) Personnel Committee – Stacy Newman reported that they are meeting this week and will bring an item forward in December. More members are needed. Scott Johnson volunteered.

9.0 Foundation Board Consent Agenda

On a motion by Regina Bell, seconded by Scott Johnson, vote 13-0, the Foundation Board of Directors approved Consent Agenda Items 9.01 – 9.04.

- .01 Approve Minutes of June 17, 2013 Regular Meeting
- .02 Approve Credit Card for James Southwick with a limit of \$5,000
- .03 Approve July 1, 2013 through August 31, 2013 Financial Reports
- .04 Approve Foundation Financial Reports for May, June and July 2013

10.0 Foundation Board Action Items

.01 On a motion by Kevin Porter, seconded by Scott Johnson, vote 13-0, the Foundation Board of Directors appointed Jeff Lewis as Personnel Committee Chairperson.

11.0 AAE School Board Committee Consent Agenda

On a motion by Russell Stringham, seconded by Jose Palafox, vote 4-0, the AAE School Board Committee approved Consent Agenda Items 11.01 – 11.04.

.01 Approve Minutes of August 8, 2013 Regular Meeting

.02 Approve AAE Comparatives – August 2013

.03 Approve Overnight Field Trip to Disneyland for Grad Nite May 28 – 29, 2014

.04 Approve Overnight Field Trip to Pine Summit for ASB Leadership Camp September 13 – 15, 2013

12.0 AAE School Board Committee Action Items

.01 On a motion by Rick Wolf, seconded by Jose Palafox, vote 4-0, the AAE School Board Committee approved Courtney Robinson as a FT Speech and Language Pathologist on the Basis of a Waiver Request Through 6/30/14. Rick Wolf asked if we were able to show good faith and diligence in filling this position and the answer was yes.

.02 On a motion by Russell Stringham, seconded by Jose Palafox, vote 4-0, the AAE School Board Committee approved the Variable Term CBEST Waiver Request for Heather Hagerman.

13.0 NSAA School Board Committee Consent Agenda

On a motion by Scott Johnson, seconded by Duberly Beck, vote 4-0, the NSAA School Board Committee approved Consent Agenda Items 13.01 – 13.02.

.01 Approve Minutes of August 21, 2013 Regular Meeting

.02 Approve NSAA Financial Report August 2013

14.0 Staff Comments

Gordon Soholt informed the Board that the AAE School Counselor has moved on and we will be hiring a new Counselor.

15.0 Board Member Comments

Scott Johnson noted that Mr. Lu is an involved NSAA parent. He also asked for next year how we will assess Spanish proficiency, and we will use assessment TBD.

16.0 Adjournment

On a motion by Scott Johnson, seconded by Jeff Lewis, vote 13-0, Chairman Biggs adjourned the meeting at 10:30 a.m.

Lewis Center for Educational Research
Statement of Revenues and Expenditures
From 7/2/2013 Through 11/1/2013

	Actuals - This Month	Actuals - Year-to- Date	Budget - Year-to-Date	Total Budget for 13/14	Percent Total Budget Remaining
Revenue					
Revenue					
Revenue	7,833,248.74	7,833,248.74	5,161,895.56	15,485,687.00	(49.41)%
Budget Carryover	0.00	0.00	135,816.64	407,450.00	(100.00)%
Capital Improvements	<u>0.00</u>	<u>0.00</u>	<u>292,000.04</u>	<u>876,000.00</u>	<u>(100.00)%</u>
Total Revenue	7,833,248.74	7,833,248.74	5,589,712.24	16,769,137.00	(53.29)%
Interest					
Revenue - Interest	<u>154.24</u>	<u>154.24</u>	<u>1,666.68</u>	<u>5,000.00</u>	<u>(96.91)%</u>
Total Interest	<u>154.24</u>	<u>154.24</u>	<u>1,666.68</u>	<u>5,000.00</u>	<u>(96.92)%</u>
Total Revenue	<u>7,833,402.98</u>	<u>7,833,402.98</u>	<u>5,591,378.92</u>	<u>16,774,137.00</u>	<u>(53.30)%</u>
Expense					
Salaries					
Certificated	2,336,369.32	2,336,369.32	2,315,527.60	6,946,583.00	66.36%
Classified	<u>966,635.42</u>	<u>966,635.42</u>	<u>1,002,518.60</u>	<u>3,007,556.00</u>	<u>67.85%</u>
Total Salaries	3,303,004.74	3,303,004.74	3,318,046.20	9,954,139.00	66.82%
Benefits					
	<u>884,132.14</u>	<u>884,132.14</u>	<u>925,867.92</u>	<u>2,777,604.00</u>	<u>68.16%</u>
Total Benefits	884,132.14	884,132.14	925,867.92	2,777,604.00	68.17%
Books and Supplies					
Laptop Program	2,095.51	2,095.51	0.00	0.00	0.00%
Other	<u>483,189.20</u>	<u>483,189.20</u>	<u>442,749.40</u>	<u>1,328,248.00</u>	<u>63.62%</u>
Total Books and Supplies	485,284.71	485,284.71	442,749.40	1,328,248.00	63.46%
Services, Other Operating Expenses					
	<u>468,313.81</u>	<u>468,313.81</u>	<u>518,054.68</u>	<u>1,554,164.00</u>	<u>69.86%</u>
Total Services, Other	468,313.81	468,313.81	518,054.68	1,554,164.00	69.87%
Operating Expenses					
Capital Outlay					
	<u>839,662.02</u>	<u>839,662.02</u>	<u>330,627.72</u>	<u>991,883.00</u>	<u>15.34%</u>
Total Capital Outlay	839,662.02	839,662.02	330,627.72	991,883.00	15.35%
Other Outgo - Debt Service					
	<u>33,015.61</u>	<u>33,015.61</u>	<u>53,666.68</u>	<u>161,000.00</u>	<u>79.49%</u>
Total Expense	<u>6,013,413.03</u>	<u>6,013,413.03</u>	<u>5,589,012.60</u>	<u>16,767,038.00</u>	<u>64.14%</u>

Lewis Center for Educational Research
 Check/Voucher Register - Board Report - 10K
 From 9/4/2013 Through 11/1/2013

Effective Date	Check Number	Vendor Name	Check Amount	Transaction Description
9/4/2013	31219	Conco Construction	335,168.54	Progress pymt on Gym - Requisition #8
9/10/2013	25557	Lewis Center for Ed Research	75,000.00	Transfer DCB funds to Union
9/12/2013	31257	SISC	134,827.00	Health coverage for Sept 2013
9/13/2013	31265	Houghton Mifflin Company	12,532.98	HM Math grades 1/2 consumables
9/13/2013	31267	LCC 3 Construction Services	13,447.00	CM services for July 2013
9/13/2013		LCC 3 Construction Services	18,222.00	CM services for August 2013
9/13/2013	31273	S & S Interiors, Inc	32,704.00	Water vapor emission control system
9/18/2013	31295	Southern California Edison	10,371.88	Acct #2-30-619-9621
9/18/2013		Southern California Edison	22,718.25	Acct #2-21-356-3786
9/19/2013	31309	JL Russell Const. Restoration	219,597.53	Progress payment on contract for NSAA expansion 2013
9/19/2013	31314	Pearson Education, Inc.	12,622.46	Anatomy texts
9/19/2013	31329	VIRCO, Inc.	20,368.75	Lab tables, stools, 160 chairs
9/23/2013	31333	San Bernardino Co Sup of Schls	16,975.18	Norton Substitutes for 2012/13
9/26/2013	196		12,299.40	Group: CERT; Pay Date: 9/26/2013
9/26/2013	31353	S & S Interiors, Inc	11,667.00	Progress pymt 2 - Gym floor
9/30/2013	195		172,033.15	Group: CLASS; Pay Date: 9/30/2013
10/1/2013	193		409,195.41	Group: CERT; Pay Date: 10/1/2013
10/3/2013	31375	CharterSAFE	16,780.18	Insurance products for Sept
10/3/2013	31379	Employment Development Dept.	17,463.32	PIT #815-1243-6
10/3/2013	31389	SBCSS	20,921.32	NSAA STRS contributions for Sept
10/3/2013		SBCSS	64,693.90	LCER/AE - STRS contributions for Sept
10/3/2013	31396	SBCSS	10,111.98	NSAA PERS contributions for Sept
10/3/2013		SBCSS	37,251.08	LCER/AE - PERS contributions for Sept
10/3/2013	31397	EvenFlo Raingutters and Covers	12,000.00	Progress payment for gym shade cover
10/9/2013	31428	Town of Apple Valley	44,424.51	Sewer fees for gym
10/11/2013	31430	Acorn Media	10,616.35	15 rectangular picnic tables for gym patio
10/14/2013	31429	SISC	155,271.55	Health coverage for Oct 2013
10/16/2013	31472	Nigro & Nigro, PC	10,800.00	Progress billing for 12/13 audit
10/16/2013	31474	Southern California Edison	19,898.34	Acct #2-21-356-3786
10/16/2013	31481	Conco Construction	232,660.64	Progress billing for gym - Requisition #9
10/28/2013	25558	Lewis Center for Ed Research	128,000.00	Transfer DCB funds to Union
10/31/2013	200		169,643.06	Group: CLASS; Pay Date: 10/31/2013
10/31/2013	31539	JL Russell Const. Restoration	21,650.95	Final retention pymt for Norton 2013 summer expansion
11/1/2013	199		<u>412,706.29</u>	Group: CERT; Pay Date: 11/1/2013
Report Total			<u>2,914,644.00</u>	

Lewis Center for Educational Research
Balance Sheet
As of 11/1/2013

Current Year

Assets

Union-Checking	2,259,969.07
Union-Savings	750,077.33
Other-Checking	103,343.71
Other-Savings	151,827.10
DCB-NASA	25,640.21
DCB-CD	0.00
Petty Cash	19,859.00
Accounts Receivable	96,798.96
Prepaid Expenses	34,984.33
Fixed Assets	<u>9,818,534.81</u>
Total Assets	<u>13,261,034.52</u>

Liabilities and Net Assets

Accounts Payable Vendor	207,438.83
Accounts Payable - CDE	0.00
Other Liability	607,482.89
Long Term Debt	1,920,258.62
Fund Balance	10,131,154.28
Excess Revenues over Expenditures	<u>394,699.90</u>
Total Liabilities and Net Assets	<u>13,261,034.52</u>

Lewis Center for Educational Research
Statement of Revenues and Expenditures
From 7/2/2013 Through 11/1/2013

	Bridge	AAE	Global Ops	NSAA	Operating	IT	Total
Revenue							
Revenue							
Revenue	<u>35,000.00</u>	<u>5,667,415.67</u>	<u>5,791.00</u>	<u>2,117,859.52</u>	<u>6,102.37</u>	<u>1,080.18</u>	<u>7,833,248.74</u>
Total Revenue	35,000.00	5,667,415.67	5,791.00	2,117,859.52	6,102.37	1,080.18	7,833,248.74
Interest							
Revenue - Interest	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>154.24</u>	<u>0.00</u>	<u>154.24</u>
Total Interest	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>154.24</u>	<u>0.00</u>	<u>154.24</u>
Total Revenue	<u>35,000.00</u>	<u>5,667,415.67</u>	<u>5,791.00</u>	<u>2,117,859.52</u>	<u>6,256.61</u>	<u>1,080.18</u>	<u>7,833,402.98</u>
Expense							
Salaries							
Certificated	22,666.64	1,541,779.08	2,000.00	658,706.75	111,216.85	0.00	2,336,369.32
Classified	<u>0.00</u>	<u>339,746.88</u>	<u>52,952.63</u>	<u>156,491.40</u>	<u>308,850.81</u>	<u>108,593.70</u>	<u>966,635.42</u>
Total Salaries	22,666.64	1,881,525.96	54,952.63	815,198.15	420,067.66	108,593.70	3,303,004.74
Benefits							
	<u>1,236.46</u>	<u>491,596.06</u>	<u>21,353.43</u>	<u>212,161.37</u>	<u>121,674.70</u>	<u>36,110.12</u>	<u>884,132.14</u>
Total Benefits	1,236.46	491,596.06	21,353.43	212,161.37	121,674.70	36,110.12	884,132.14
Books and Supplies							
Laptop Program	0.00	0.00	0.00	0.00	0.00	2,095.51	2,095.51
Other	<u>179.81</u>	<u>159,632.12</u>	<u>2,624.86</u>	<u>169,807.24</u>	<u>69,251.96</u>	<u>81,693.21</u>	<u>483,189.20</u>
Total Books and Supplies	179.81	159,632.12	2,624.86	169,807.24	69,251.96	83,788.72	485,284.71
Services, Other Operating Expenses							
	<u>3,899.72</u>	<u>59,434.40</u>	<u>1,564.39</u>	<u>104,012.45</u>	<u>248,933.48</u>	<u>50,469.37</u>	<u>468,313.81</u>
Total Services, Other Operating Expenses	3,899.72	59,434.40	1,564.39	104,012.45	248,933.48	50,469.37	468,313.81
Capital Outlay							
	<u>12,420.00</u>	<u>146,493.33</u>	<u>0.00</u>	<u>564,897.66</u>	<u>90,660.98</u>	<u>25,190.05</u>	<u>839,662.02</u>
Total Capital Outlay	12,420.00	146,493.33	0.00	564,897.66	90,660.98	25,190.05	839,662.02
Other Outgo - Debt Service							
	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>8,805.00</u>	<u>24,210.61</u>	<u>0.00</u>	<u>33,015.61</u>
Total Expense	<u>40,402.63</u>	<u>2,738,681.87</u>	<u>80,495.31</u>	<u>1,874,881.87</u>	<u>974,799.39</u>	<u>304,151.96</u>	<u>6,013,413.03</u>

**Lewis Center for Educational Research
Academy for Academic Excellence
Norton Space and Aeronautics Academy**
Statement of Revenues and Expenditures by Period
Comparative of 2011/12 and 2012/13

	07/01/2012 - 11/1/2012			07/01/2013 - 11/1/2013		
	Actuals year-to-date	Total Budget	Budget Variance	Actuals year-to-date	Total Budget	Budget Variance
Revenue						
Revenue						
Revenue	<u>6,411,908.19</u>	<u>14,189,381.00</u>	<u>(7,777,472.81)</u>	<u>7,833,248.74</u>	<u>15,485,687.00</u>	<u>(7,652,438.26)</u>
Budget Carryover	<u>284,600.00</u>	<u>853,800.00</u>	<u>(569,200.00)</u>	<u>135,816.67</u>	<u>407,450.00</u>	<u>(271,633.33)</u>
Capital Improvements				<u>292,000.00</u>	<u>876,000.00</u>	<u>(584,000.00)</u>
Total Revenue	6,696,508.19	15,043,181.00	(7,777,472.81)	8,261,065.41	16,769,137.00	(7,652,438.26)
Interest						
Revenue - Interest	<u>6,293.04</u>	<u>25,000.00</u>	<u>(18,706.96)</u>	154.24	5,000.00	(4,845.76)
Total Interest	<u>6,293.04</u>	<u>25,000.00</u>	<u>(18,706.96)</u>	<u>154.24</u>	<u>5,000.00</u>	<u>(4,845.76)</u>
Total Revenue	<u>6,702,801.23</u>	<u>15,068,181.00</u>	<u>(7,796,179.77)</u>	<u>8,261,219.65</u>	<u>16,774,137.00</u>	<u>(7,657,284.02)</u>
Expense						
Salaries						
Certificated	1,907,228.38	6,158,416.00	4,251,187.62	2,336,369.32	6,946,583.00	4,610,213.68
Classified	<u>839,669.01</u>	<u>2,717,594.00</u>	<u>1,877,924.99</u>	<u>966,635.42</u>	<u>3,007,556.00</u>	<u>2,040,920.58</u>
Total Salaries	2,746,897.39	8,876,010.00	6,129,112.61	3,303,004.74	9,954,139.00	6,651,134.26
Benefits	783,141.10	2,585,375.00	1,802,233.90	884,132.14	2,777,604.00	<u>1,893,471.86</u>
Books and Supplies	589,288.11	1,275,998.00	686,709.89	485,284.71	1,328,248.00	<u>842,963.29</u>
Services, Other Operating Expenses	442,802.50	1,438,998.00	996,195.50	468,313.81	1,554,164.00	<u>1,085,850.19</u>
Capital Outlay	312,235.18	342,000.00	29,764.82	839,662.02	991,883.00	<u>152,220.98</u>
Other Outgo	<u>58,708.25</u>	<u>292,750.00</u>	<u>234,041.75</u>	<u>33,015.61</u>	<u>161,000.00</u>	<u>127,984.39</u>
Total Expense	<u>4,933,072.53</u>	<u>14,811,131.00</u>	<u>9,878,058.47</u>	<u>6,013,413.03</u>	<u>16,767,038.00</u>	<u>10,753,624.97</u>

**THE HIGH DESERT PARTNERSHIP IN ACADEMIC EXCELLENCE
COMBINED BALANCE SHEET AND INCOME STATEMENT
August 1 - August 30, 2013**

CHECKING (HIGH DESERT PARTNERSHIP)

Beginning Balance			\$2,607.93
Revenue			
Transfer from Savings - LCER Tetra Financial Reimbursement	\$2,548.31		
Transfer from Savings - Capital Campaign - duplicate brick payment	\$300.00		
Transfer from Savings - Kobold Scholarship	\$150.00		
Transfer from Savings - Art Show t-shirts	\$574.56		
Transfer from Savings - Capital Campaign - bricks	\$18,800.00		
Transfer from Savings - Ambassador Blazer	\$146.88		
<i>Total</i>	\$22,519.75		
Expenditures			
Chaffe Community - Alyssa Sockwell - AAE Staff and VPA Bodhi Scholarship	\$1,150.00		
CSUSB - Faith Velasquez - PTC and Kobold Scholarship	\$650.00		
VVC - Perswasion Herrera - Kobold Scholarship	\$150.00		
LCER - Tetra Financial Reimbursement	\$2,548.31		
Engraved Bricks - deposit for engraved and blank bricks	\$18,800.00		
True Grits - Ambassador Blazer	\$146.88		
<i>Total</i>	\$23,445.19		
Ending Balance		<i>Total</i>	\$1,682.49

SAVINGS (HIGH DESERT PARTNERSHIP)

Beginning Balance			
Unrestricted Funds			\$39,971.17
Restricted Funds - HiDAS Endowment			\$63,980.83
Restricted Funds - Davis Endowment			\$12,403.05
Restricted Funds - Board Scholarship			\$286.29
Restricted Funds - AAE Staff Scholarship			\$79.33
Restricted Funds - Mike Klein Teacher Scholarship			\$7,471.00
Restricted Funds - Rick Piercy Scholarship			\$2,472.32
Restricted Funds - IT Scholarship			\$441.26
Restricted Funds - Damiani Scholarship			\$181.75
Restricted Funds - Senior Leadership Team Scholarship			\$100.00
Restricted Funds - Bodhi Award Scholarship			\$0.00
Restricted Funds - Daniel Kobold Scholarship			\$168.00
Restricted Funds - Schools First Scholarship			\$0.00
Restricted Funds - AAE Employee Scholarship			\$145.00
Restricted Funds - AAE PTC Scholarship			\$2,516.18
Restricted Funds - Capital Campaign AAE			\$42,246.27
Restricted Funds - Capital Campaign NSAA			\$96.62
Restricted Funds - Apple Valley Legacy Trail Organization			\$2,469.08
			\$175,028.15
Revenue			
Art Show	\$11,025.00		
IT Scholarship	\$141.40		
AAE Capital Campaign - Marquee	\$1,000.00		
AAE Capital Campaign - Brick Campaign	\$6,970.00		
California Writer's Club Scholarship	\$100.00		
Interest	\$14.76		
<i>Total</i>	\$19,251.16		
Expenditures			
Transfer to Checking - Capital Campaign	\$21,648.31		
Transfer to Checking - Art Show	\$574.56		
Transfer to Checking - Ambassador Blazer	\$146.88		
Transfer to Checking - Kobold Scholarship	\$150.00		
<i>Total</i>	\$22,519.75		
Ending Balance			
Unrestricted Funds			\$50,278.42
Restricted Funds - HiDAS Endowment			\$63,986.29
Restricted Funds - Davis Endowment			\$12,404.08

Restricted Funds - Foundation Board Scholarship	\$286.29
Restricted Funds - AAE Staff Scholarship	\$79.33
Restricted Funds - Mike Klein Teacher Scholarship	\$7,471.59
Restricted Funds - Rick Piercy Scholarship	\$2,472.47
Restricted Funds - IT Scholarship	\$582.66
Restricted Funds - Damiani Scholarship	\$181.75
Restricted Funds - Senior Leadership Team Scholarship	\$100.00
Restricted Funds - VPA Scholarship (Bodhi Award)	\$0.00
Restricted Funds - Daniel Kobold Scholarship	\$18.00
Restricted Funds - Schools First Scholarship	\$0.00
Restricted Funds - AAE Employee Scholarship	\$145.00
Restricted Funds - AAE PTC Scholarship	\$2,516.33
Restricted Funds - AAE Capital Campaign	\$28,571.65
Restricted Funds - NSAA Capital Campaign	\$96.62
Restricted Funds - California Writer's Club	\$100.00
Restricted Funds - Apple Valley Legacy Trail Organization	\$2,469.08
<i>Total</i>	<u>\$171,759.56</u>

Total Checking and Savings

\$173,442.05

**THE HIGH DESERT PARTNERSHIP IN ACADEMIC EXCELLENCE
COMBINED BALANCE SHEET AND INCOME STATEMENT
September 1 - September 30, 2013**

CHECKING (HIGH DESERT PARTNERSHIP)

Beginning Balance		\$1,682.49
Revenue		
Transfer from Savings - PTC Scholarship	\$500.00	
Transfer from Savings - Art Show	\$850.00	
Transfer from Savings - Capital Campaign - bricks	\$16,198.77	
Deposit - Art Show \$4,919.65, Brick Order \$150, Fac Rental \$225, IT Scholarship \$17.88, Survey Fee \$75	\$5,387.53	
<i>Total</i>	\$22,936.30	
Expenditures		
Brick Order Refund - Double Payment	\$300.00	
Board Name Plates	\$66.96	
Art Show Expenses	\$1,927.01	
PTC Scholarship - Julianne Medeiros - SD State University	\$500.00	
Engraved Bricks - balance for engraved and blank bricks	\$16,198.77	
Additional Cash Deposited Fee	\$1.25	
SLT Expense	\$121.84	
Remembering Victorville DVD's	\$51.00	
<i>Total</i>	\$19,166.83	
Ending Balance	<i>Total</i>	\$5,451.96

SAVINGS (HIGH DESERT PARTNERSHIP)

Beginning Balance		
Unrestricted Funds		\$50,278.42
Restricted Funds - HiDAS Endowment		\$63,986.29
Restricted Funds - Davis Endowment		\$12,404.08
Restricted Funds - Board Scholarship		\$286.29
Restricted Funds - AAE Staff Scholarship		\$79.33
Restricted Funds - Mike Klein Teacher Scholarship		\$7,471.59
Restricted Funds - Rick Piercy Scholarship		\$2,472.47
Restricted Funds - IT Scholarship		\$582.66
Restricted Funds - Damiani Scholarship		\$181.75
Restricted Funds - Senior Leadership Team Scholarship		\$100.00
Restricted Funds - Bodhi Award Scholarship		\$0.00
Restricted Funds - Daniel Kobold Scholarship		\$18.00
Restricted Funds - Schools First Scholarship		\$0.00
Restricted Funds - AAE Employee Scholarship		\$145.00
Restricted Funds - AAE PTC Scholarship		\$2,516.33
Restricted Funds - Capital Campaign AAE		\$28,571.65
Restricted Funds - Capital Campaign NSAA		\$96.62
Restricted Funds - California Writer's Club		\$100.00
Restricted Funds - Apple Valley Legacy Trail Organization		\$2,469.08
		\$171,759.56
Revenue		
Art Show	\$1,319.25	
Senior Leadership Team	\$6,811.16	
PTC Scholarship	\$2,000.00	
AAE Capital Campaign - Donation - Ebmeyer	\$5,000.00	
AAE Capital Campaign - Brick Campaign	\$1,300.00	
Donation	\$60.00	
LCER Book \$5, History of AV Video \$10	\$15.00	
Interest	\$14.57	
<i>Total</i>	\$16,519.98	
Expenditures		
Transfer to Checking - Capital Campaign	\$16,198.77	
Transfer to Checking - Art Show	\$850.00	
Transfer to Checking - PTC Scholarship	\$500.00	
<i>Total</i>	\$17,048.77	

Ending Balance

Unrestricted Funds	\$50,826.31
Restricted Funds - HiDAS Endowment	\$63,991.68
Restricted Funds - Davis Endowment	\$12,405.10
Restricted Funds - Foundation Board Scholarship	\$286.29
Restricted Funds - AAE Staff Scholarship	\$79.33
Restricted Funds - Mike Klein Teacher Scholarship	\$7,472.18
Restricted Funds - Rick Piercy Scholarship	\$2,472.61
Restricted Funds - IT Scholarship	\$582.66
Restricted Funds - Damiani Scholarship	\$181.75
Restricted Funds - Senior Leadership Team	\$6,911.16
Restricted Funds - VPA Scholarship (Bodhi Award)	\$0.00
Restricted Funds - Daniel Kobold Scholarship	\$18.00
Restricted Funds - Schools First Scholarship	\$0.00
Restricted Funds - AAE Employee Scholarship	\$145.00
Restricted Funds - AAE PTC Scholarship	\$4,016.48
Restricted Funds - AAE Capital Campaign	\$18,676.52
Restricted Funds - NSAA Capital Campaign	\$96.62
Restricted Funds - California Writer's Club	\$100.00
Restricted Funds - Apple Valley Legacy Trail Organization	\$2,469.08

Total \$170,730.77

Total Checking and Savings

\$176,182.73

**THE HIGH DESERT PARTNERSHIP IN ACADEMIC EXCELLENCE
COMBINED BALANCE SHEET AND INCOME STATEMENT
October 1 - October 31, 2013**

CHECKING (HIGH DESERT PARTNERSHIP)

Beginning Balance			\$5,451.96
Revenue			
Transfer from Savings - AVLTO	\$332.10		
Transfer from Savings - Capital Campaign - bricks	\$50.00		
<i>Total</i>	\$382.10		
Expenditures			
Art Show Expenses	\$1,746.73		
Transfer to Savings - Deposits - \$150 Bricks, \$17.88 IT, \$1,938.91 Art Show, \$300 General	\$2,406.79		
<i>Total</i>	\$4,153.52		
Ending Balance		<i>Total</i>	\$1,680.54

SAVINGS (HIGH DESERT PARTNERSHIP)

Beginning Balance			
Unrestricted Funds			\$50,826.31
Restricted Funds - HiDAS Endowment			\$63,991.68
Restricted Funds - Davis Endowment			\$12,405.10
Restricted Funds - Board Scholarship			\$286.29
Restricted Funds - AAE Staff Scholarship			\$79.33
Restricted Funds - Mike Klein Teacher Scholarship			\$7,472.18
Restricted Funds - Rick Piercy Scholarship			\$2,472.61
Restricted Funds - IT Scholarship			\$582.66
Restricted Funds - Damiani Scholarship			\$181.75
Restricted Funds - Senior Leadership Team Scholarship			\$6,911.16
Restricted Funds - Bodhi Award Scholarship			\$0.00
Restricted Funds - Daniel Kobold Scholarship			\$18.00
Restricted Funds - Schools First Scholarship			\$0.00
Restricted Funds - AAE Employee Scholarship			\$145.00
Restricted Funds - AAE PTC Scholarship			\$4,016.48
Restricted Funds - Capital Campaign AAE			\$18,676.52
Restricted Funds - Capital Campaign NSAA			\$96.62
Restricted Funds - California Writer's Club			\$100.00
Restricted Funds - Apple Valley Legacy Trail Organization			\$2,469.08
			\$170,730.77
Revenue			
Art Show	\$6,988.91		
IT Scholarship	\$17.88		
AAE Staff Scholarship	\$200.00		
AAE Capital Campaign - Donation	\$300.00		
AAE Capital Campaign - Brick Campaign	\$350.00		
Facility Rental	\$225.00		
Jim Quinn Survey	\$75.00		
Interest	\$14.95		
<i>Total</i>	\$8,171.74		
Expenditures			
Transfer to Checking - AVLTO	\$332.10		
Transfer to Checking - Capital Campaign - Brick Campaign	\$50.00		
Returned Check - Senior Leadership Team	\$31.00		
<i>Total</i>	\$382.10		
Internal Transfer			
Transfer from Senior Leadership Team to Unrestricted Funds	\$121.84		
Transfer from Rick Piercy Scholarship to Unrestricted Funds	\$51.00		

Ending Balance

Unrestricted Funds	\$58,291.80
Restricted Funds - HiDAS Endowment	\$63,997.21
Restricted Funds - Davis Endowment	\$12,406.15
Restricted Funds - Foundation Board Scholarship	\$286.29
Restricted Funds - AAE Staff Scholarship	\$279.33
Restricted Funds - Mike Klein Teacher Scholarship	\$7,472.77
Restricted Funds - Rick Piercy Scholarship	\$2,421.76
Restricted Funds - IT Scholarship	\$600.54
Restricted Funds - Damiani Scholarship	\$181.75
Restricted Funds - Senior Leadership Team	\$6,758.32
Restricted Funds - VPA Scholarship (Bodhi Award)	\$0.00
Restricted Funds - Daniel Kobold Scholarship	\$18.00
Restricted Funds - Schools First Scholarship	\$0.00
Restricted Funds - AAE Employee Scholarship	\$145.00
Restricted Funds - AAE PTC Scholarship	\$4,016.63
Restricted Funds - AAE Capital Campaign	\$19,280.26
Restricted Funds - NSAA Capital Campaign	\$96.62
Restricted Funds - California Writer's Club	\$100.00
Restricted Funds - Apple Valley Legacy Trail Organization	\$2,136.98

Total \$178,489.41

Total Checking and Savings

\$180,169.95

High Desert
“Partnership in Academic Excellence”
Foundation, Inc.

17500 MANA ROAD, APPLE VALLEY, CA 92307 (760) 946-5414 X201 (760) 946-9193 FAX

RESOLUTION NO. 2013 – 01

**RESOLUTION APPROVING WITHDRAWAL FROM SCHOOLS EXCESS LIABILITY FUND
(SELF) INSURANCE**

The meeting of the Board of Directors of The High Desert Partnership in Academic Excellence Foundation, Inc. was called to order on December 9, 2013, was pursuant to notice, and a quorum was present for the transaction of business.

WHEREAS, The High Desert “Partnership in Academic Excellence” Foundation, Inc. insured under the SELF policy; and

WHEREAS, in order to withdraw The High Desert “Partnership in Academic Excellence” Foundation, Inc. from SELF, the Board of Directors for The High Desert Partnership in Academic Excellence Foundation, Inc. must approve a resolution stating that the above referenced schools will withdraw from SELF, effective July 1, 2014; and

WHEREAS, it is in the best interests of The High Desert “Partnership in Academic Excellence” Foundation, Inc. to approve the resolution stating that the above referenced The High Desert “Partnership in Academic Excellence” Foundation, Inc.’s schools will withdraw from SELF, effective July 1, 2014;

NOW THEREFORE, IT IS HERBY RESOLVED by the Board of Directors of The High Desert “Partnership in Academic Excellence” Foundation, Inc. that The High Desert “Partnership in Academic Excellence” Foundation, Inc. approves resolution stating that The High Desert “Partnership in Academic Excellence” Foundation, Inc. will withdraw from SELF, effective July 1, 2014.

I, Richard Piercy, hereby certify that I am the current and duly empowered Job President/CEO of The High Desert “Partnership in Academic Excellence” Foundation, Inc., that the foregoing Resolution was duly adopted by the Board of Directors of The High Desert “Partnership in Academic Excellence” Foundation, Inc. at the meeting held on December 9, 2013, that the Resolution is in full force and effect, that the same has not been modified or rescinded, and that it is not contrary to any provision of the Articles of Incorporation or the Bylaws of The High Desert “Partnership in Academic Excellence” Foundation, Inc..

Executed on December 9, 2013, at Apple Valley, Ca.

Number of Votes:

AYES:

NOES:

ABSENT:

ABSTAIN:

Richard Piercy, President/CEO
December 9, 2013

Lewis Center for Educational Research

**BP 4361 PERSONNEL
FAMILY CARE & MEDICAL LEAVE**

Adopted: March 16, 2009

Revised: December 9, 2013

Family Care and Medical Leave

This policy explains how the Lewis Center for Educational Research (LCER) complies with the federal Family and Medical Leave Act (“FMLA”) and the California Family Rights Act (“CFRA”), both of which require LCER to permit each eligible employee to take up to 12 workweeks of FMLA leave in any 12-month period for the birth/adoption of a child, the employee’s own serious illness or to care for certain family members who have a serious illness. For purposes of this policy, all leave taken under FMLA or CFRA will be referred to as “FMLA leave.”

Employee Eligibility Criteria

- To be eligible for FMLA leave, the employee must have been employed by LCER for the last 12 months and must have worked at least 1,250 hours during the 12-month period immediately preceding commencement of the FMLA leave.

Events That May Entitle An Employee To FMLA Leave

- The 12-week FMLA allowance includes any time taken (with or without pay) for any of the following reasons:
 1. To care for the employee’s newborn child or a child placed with the employee for adoption or foster care (FMLA/CFRA).

Leaves for this purpose must conclude 12 months after the birth, adoption, or placement. If both parents are employed by LCER, they will be entitled to a combined total of 12 weeks of leave for this purpose.
 2. Because of the employee’s own serious health condition (including a serious health condition resulting from an on-the-job illness or injury) that makes the employee unable to perform any one or more of the essential functions of his or her job - other than a disability caused by pregnancy, childbirth, or related medical conditions, which is covered by LCER’s separate pregnancy disability policy (FMLA/CFRA).
 3. To care for the employee’s spouse, child, or parent with a serious health condition (FMLA/CFRA).
 4. A “serious health condition” is an illness, injury, impairment, or physical or mental condition that involves: (1) inpatient care (i.e., an overnight stay) in a hospital, hospice, or residential medical care facility, including any period of incapacity or any subsequent

treatment in connection with such inpatient care; or (2) continuing treatment by a health care provider.

5. For any “qualifying exigency” (as defined by federal regulation) because the employee is the spouse, son, daughter, or parent of an individual on active military duty (or has been notified of an impending call or order to active duty) in the Armed Forces in support of a contingency operation (FMLA only).
6. An employee who is the spouse, son, daughter, parent, or next of kin of a covered ~~servicemember~~[service member](#) shall be entitled to a total of 26 workweeks of leave during a 12-month period to care for the ~~servicemember~~[service member](#) (FMLA only).

Amount of FMLA Leave Which May Be Taken

- FMLA leave can be taken in one or more periods, but may not exceed 12 workweeks total for any purpose in any 12-month period, as described below, for any one, or combination of the above-described situations. “Twelve workweeks” means the equivalent of twelve of the employee’s normally scheduled workweeks. For a full-time employee who works five eight-hour days per week, “twelve workweeks” means 60 working and/or paid eight-hour days.
- Under most circumstances, the 12 weeks of FMLA under federal and state law will run at the same time. The “12 month period” in which 12 weeks of FMLA leave may be taken is the 12 month period immediately preceding the commencement of any FMLA Leave. For purposes of calculating the 12-month period during which 12 weeks of leave may be taken, the LCER uses the 12-month period measured forward from the date your first leave begins. Under most circumstances, leave under federal and state law will run at the same time and the eligible employee will be entitled to a total of 12 weeks of family and medical leave in the designated 12-month period.
- For qualifying exigency or leave to care for a covered ~~servicemember~~[service member](#), the 12-month period begins on the first day of the leave, regardless of how the 12-month period is calculated for other leaves. Leave to care for a covered ~~servicemember~~[service member](#) is for a maximum of 26 workweeks during a 12-month period.

Pay During FMLA Leave

- An employee on FMLA leave because of his or her own serious health condition must use all accrued paid sick leave at the beginning of any otherwise unpaid FMLA leave period.
- An employee on FMLA leave for child care or to care for a spouse, parent, or child with a serious health condition may use any or all accrued paid sick leave at the beginning of any otherwise unpaid FMLA leave.
- All other FMLA leaves are unpaid leaves.
- The receipt of sick leave pay or State Disability Insurance benefits will not extend the length of the FMLA leave. Vacation pay and sick pay accrues during any period of unpaid FMLA leave only until the end of the month in which unpaid leave began.

Health Benefits

- The provisions of LCER's various employee benefit plans govern continuing eligibility during FMLA leave, and these provisions may change from time to time. The health benefits of employees on FMLA leave will be paid by LCER during the leave at the same level and under the same conditions as coverage would have been provided if the employee had been continuously employed during the leave period. When a request for FMLA leave is granted, LCER will give the employee written confirmation of the arrangements made for the payment of insurance premiums during the leave period.
- [In some instances, the LCER can recover from an employee premiums paid to maintain health benefits if the employee fails to return following FMLA.](#)

Service Time

- An employee on FMLA leave remains an employee and the leave will not constitute a break in service. An employee who returns from FMLA leave will return with the same service time he or she had when the leave commenced.

Medical Certifications

- An employee requesting FMLA leave because of his or her own or a relative's serious health condition must provide medical certification from the appropriate health care provider on a form supplied by LCER. Failure to provide the required certification in a timely manner (within 15 days of the leave request) may result in denial of the leave request until such certification is provided.
- If LCER has reason to doubt the medical certification supporting a leave because of the employee's own serious health condition, LCER may request a second opinion by a health care provider of its choice (paid for by LCER). If the second opinion differs from the first one, LCER will pay for a third, mutually agreeable, health care provider to provide a final and binding opinion.
- Recertifications are required if leave is sought after expiration of the time estimated by the health care provider. Failure to submit required recertifications can result in termination of the leave.

Procedures for Requesting and Scheduling FMLA Leave

- An employee should request FMLA leave by completing an Application for Family Care Leave and submitting it to his/her immediate supervisor. An employee asking for an Application for Family Care Leave will be given a copy of LCER's then-current FMLA leave policy and Medical Certification form.
- Employees should provide not less than 30 days' notice or such shorter notice as is practicable, for foreseeable childbirth, placement, or any planned medical treatment for the employee or

his/her spouse, child, or parent. Failure to provide such notice is grounds for denial of a leave request, except if the need for FMLA leave was an emergency or was otherwise unforeseeable.

- Where possible, employees must make a reasonable effort to schedule foreseeable planned medical treatments so as not to unduly disrupt LCER's operations.
- If FMLA leave is taken because of the employee's own serious health condition or the serious health condition of the employee's spouse, parent or child, the leave may be taken intermittently or on a reduced leave schedule when medically necessary, as determined by the health care provider of the person with the serious health condition.
- If FMLA leave is taken because of the birth of the employee's child or the placement of a child with the employee for adoption or foster care, the minimum duration of leave is two weeks, except that LCER will grant a request for FMLA leave for this purpose of at least one day but less than two weeks' duration on any two occasions.
- If an employee needs intermittent leave or leave on a reduced leave schedule that is foreseeable based on planned medical treatment for the employee or a family member, the employee may be transferred temporarily to an available alternative position for which he or she is qualified that has equivalent pay and benefits and that better accommodates recurring periods of leave than the employee's regular position.
- In most cases, LCER will respond to a FMLA leave request within two days of acquiring knowledge that the leave is being taken for an FMLA-qualifying reason and, in any event, within 10 days of receiving the request. If an FMLA leave request is granted, LCER will notify the employee in writing that the leave will be counted against the employee's FMLA leave entitlement. This notice will explain the employee's obligations and the consequences of failing to satisfy them.

Return to Work

- Upon timely return at the expiration of the FMLA leave period, an employee (other than a "key" employee whose reinstatement would cause serious and grievous injury to LCER's operations) is entitled to the same or a comparable position with the same or similar duties and virtually identical pay, benefits, and other terms and conditions of employment unless the same position and any comparable position(s) have ceased to exist because of legitimate business reasons unrelated to the employee's FMLA leave.
- When a request for FMLA leave is granted to an employee (other than a "key" employee), LCER will give the employee a written guarantee of reinstatement at the termination of the leave (with the limitations explained above).
- Before an employee will be permitted to return from FMLA leave taken because of his or her own serious health condition, the employee must obtain a certification from his or her health care provider that he or she is able to resume work.

- If an employee can return to work with limitations, LCER will evaluate those limitations and, if possible, will accommodate the employee as required by law. If accommodation cannot be made, the employee will be medically separated from LCER.

Limitations on Reinstatement

- LCER may refuse to reinstate a “key” employee if the refusal is necessary to prevent substantial and grievous injury to LCER’s operations. A “key” employee is an exempt salaried employee who is among the highest paid 10% of LCER’s employees within 75 miles of the employee’s worksite.
- A “key” employee will be advised in writing at the time of a request for, or if earlier, at the time of commencement of, FMLA leave, that he/she qualifies as a “key” employee and the potential consequences with respect to reinstatement and maintenance of health benefits if LCER determines that substantial and grievous injury to LCER’s operations will result if the employee is reinstated from FMLA leave. At the time it determines that refusal is necessary, LCER will notify the “key” employee in writing (by certified mail) of its intent to refuse reinstatement and will explain the basis for finding that the employee’s reinstatement would cause LCER to suffer substantial and grievous injury. If LCER realizes after the leave has commenced that refusal of reinstatement is necessary, it will give the employee at least ten (10) days to return to work following the notice of its intent to refuse reinstatement.

Employment During Leave

- An employee on FMLA leave may not accept employment with any other employer without LCER’s written permission. An employee who accepts such employment will be deemed to have resigned from employment at LCER.

Pregnancy Disability Leave ("PDL")

This policy explains how LCER complies with the California Pregnancy Disability Act, which requires LCER to give each female employee an unpaid leave of absence of up to four (4) months, as needed, for the period(s) of time a woman is actually disabled by pregnancy, childbirth, or related medical conditions.

Employee Eligibility Criteria

- To be eligible for PDL, the employee must be disabled by pregnancy, childbirth, or a related medical condition and must provide appropriate medical certification concerning the disability.

Events That May Entitle An Employee to PDL

- The four-month PDL allowance includes any time taken (with or without pay) for any of the following reasons:
 1. The employee is unable to work at all or is unable to perform any one or more of the essential functions of her job without undue risk to herself, the successful completion of her pregnancy, or to other persons because of pregnancy or childbirth, or because of any

medically recognized physical or mental condition that is related to pregnancy or childbirth (including severe morning sickness); or

2. The employee needs to take time off for prenatal care.

Duration Of PDL

- PDL may be taken in one or more periods, but not to exceed four months total. “Four months” means the number of days the employee would normally work within four months. For a full-time employee who works five eight hour days per week, four months means 88 working and/or paid eight hour days of leave entitlement based on an average of 22 working days per month for four months.
- PDL does not count against the leave which may be available as Family Care and Medical Leave.

Pay During PDL

1. An employee on PDL must use all accrued paid sick leave at the beginning of any otherwise unpaid leave period.
2. The receipt of sick leave pay or state disability insurance benefits will not extend the length of PDL.
3. Vacation pay and sick pay accrues during any period of unpaid PDL only until the end of the month in which the unpaid leave began.

Health Benefits

- The provisions of LCER’s various employee benefit plans govern continued eligibility during PDL and these provisions may change from time to time. ~~When a request for PDL is granted, LCER will give the employee written confirmation of the arrangements made for the payment of insurance premiums during the leave period. The health benefits of employee on PDL will be paid by the LCER during the leave at the same level and under the same conditions as coverage would have been provided if the employee had been continuously employed during the leave period. When a request for PDL is granted, LCER will give the employee written confirmation of the arrangements made for the payment of insurance premiums during the leave period.~~
- In some instances, the LCER can recover from an employee premiums paid to maintain health benefits if the employee fails to return following PDL.

Service Time

- An employee on PDL remains an employee of LCER and a leave will not constitute a break in service. When an employee returns from PDL, he or she will return with the same service time he or she had when the leave commenced.

Medical Certifications

1. An employee requesting a PDL must provide medical certification from her healthcare provider on a form supplied by LCER. Failure to provide the required certification in a timely manner (within fifteen (15) days of the leave request) may result in a denial of the leave request until such certification is provided.
2. Recertifications are required if leave is sought after expiration of the time estimated by the healthcare provider. Failure to submit required recertifications can result in termination of the leave.

Requesting And Scheduling PDL

- An employee should request PDL by completing a Application for Family Care Leave and submitting it to her supervisor. An employee asking for an Application for Family Care Leave will be referred to LCER's then current PDL policy and Medical Certification form.
- Employee should provide not less than thirty (30) days or as short of notice as is practicable, if the need for the leave is foreseeable. Failure to provide such notice is grounds for denial of the leave request, except if the need for PDL was an emergency and was otherwise unforeseeable.
- Where possible, employees must make a reasonable effort to schedule foreseeable planned medical treatments so as not to unduly disrupt LCER's operations.
- PDL may be taken intermittently or on a reduced leave schedule when medically advisable, as determined by the employee's healthcare provider.
- If an employee needs intermittent leave or leave on a reduced leave schedule that is foreseeable based on planned medical treatment, the employee may be transferred temporarily to an available alternative position for which he or she is qualified that has equivalent pay and benefits that better accommodates recurring periods of leave than the employee's regular position.
- In most cases, LCER will respond to a PDL request within two (2) days of acquiring knowledge that the leave qualifies as pregnancy disability and, in any event, within ten (10) days of receiving the request. If a PDL request is granted, LCER will notify the employee in writing and leave will be counted against the employee's PDL entitlement. This notice will explain the employee's obligations and the consequences of failing to satisfy them.

Return To Work

- Upon timely return at the expiration of the PDL period, an employee is entitled to the same position unless the employee would not otherwise have been employed in the same position (at the time reinstatement is requested). If the employee is not reinstated to the same position, she must be reinstated to a comparable position unless there is no comparable position available, but filling that position with the returning employee would substantially undermine LCER's ability to operate the business safely and efficiently. A "comparable" position is a position that involves the same or similar duties and responsibilities and is virtually identical to the employee's original position in terms of pay, benefits, and working conditions.

- When a request for PDL is granted to an employee, LCER will give the employee a written guarantee of reinstatement at the end of the leave (with the limitations explained above).
- Before an employee will be permitted to return from a PDL of three days or more, the employee must obtain a certification from her healthcare provider that she is able to resume work.
- If the employee can return to work with limitations, LCER will evaluate those limitations and, if possible, will accommodate the employee as required by law. If accommodation cannot be made, the employee will be medically separated from LCER.

Employment During Leave

- An employee on PDL may not accept employment with any other employer without LCER's written permission. An employee who accepts such employment will be deemed to have resigned from employment.

Paid Family Leave

Paid Family Leave ("PFL") does not create the right to a leave of absence but is part of the State Disability Insurance program which provides wage replacement benefits for eligible employees. Under PFL, employees can receive partial wage replacement for up to six (6) weeks in any twelve-month period while on leave from work to care for a seriously ill or injured family member or to bond with a minor child. Leave for bonding with a child must occur within one (1) year of the birth of the child or placement of a child in the home for foster care or adoption. An employee who is entitled to family leave under FMLA and the CFRA can apply for PFL benefits concurrent with those leaves.

November 20, 2013

H.O. Bud Biggs, Chairman
The High Desert "Partnership in Academic Excellence"
Foundation, Inc.

Dear Bud,

Over the past few months, I have found that the demands of my time at Pitzer College have greatly increased, and I now have a need to devote myself more centrally on my duties at the school. With the departure of my lone colleague in our Organizational Studies program, my role as the only professor in my department has led to a significantly heavier advising and teaching load, and this change occurs at the same time that I have been elected to a two-year term on our faculty personnel committee. I have found that I cannot give my full attention to matters outside of these responsibilities, and it has become clear to me that I must resign from the foundation and NSAA board of directors, effective at the end of the November NSAA meeting. I have served for some time now, and with the changes coming at the school in San Bernardino it seems to me that this is a good time to step down and let someone else take over the Chairmanship at NSAA. I realize this is sudden, but I am sure that there are a number of potential candidates who can take my place and add their voice and energy to the school's direction and governance.

Thanks you for your service and hard work over the years as I have truly enjoyed working with you, the other board members and the fine staff at the LCER and NSAA.

Sincerely,

Jeffrey Lewis
715 S. Buena Vista St.
Redlands, CA 92373

October 30, 2012

Rick Piercy
President / CEO
Lewis Center *for* Educational Research
17500 Mana Road
Apple Valley, CA 92307

RE: LCER – Apple Valley Campus Expansion

Dear Mr. Piercy:

Parsons Brinckerhoff, Inc. is pleased to provide you with the attached scope of services for predevelopment consultation services related to the expansion of the LCER Apple Valley campus. The first three tasks of the scope of services is focused on an analysis of project-related studies and reports, meeting with yourself and the architect to establish the parameters for a conceptual site design, and meeting agencies such as Caltrans District 8 and San Bernardino County Flood Control District to identify process issues and concerns of those agencies.

At this time we propose an initial time and material budget of \$54,000. The attached Scope of Services provides the tasks that we feel are appropriate at this level of analysis, only the first three tasks are being budgeted at this time. Please feel free to contact me if you have any questions or would like any additional information at this time. We are excited to be part of the LCER team for the expansion of the Apple Valley Campus and we look forward to meeting with you and your team in the near future to further define the project.

Sincerely,

PARSONS BRINCKERHOFF, INC.



James Imbierski
Vice President

Encl.

EXHIBIT A
Lewis Center for Educational Research - Apple Valley Campus
Scope of Services
October 2013

1.0 Project Meetings and Management

1.1 Client Meetings - Attend meetings with client and other project representatives to understand and define the full scope and parameters of the project.

1.2 Agency Meetings - Consult with outside agencies with client and on behalf of the client, in order to define and clarify procedures and processes and clearly define time and cost requirements. Such as:

- San Bernardino County Flood Control regarding the design and construction of the Desert Knolls Channel.
- Caltrans District 8 staff regarding the Highway 18 Encroachment permit process

1.3 Project Management - Provide project management assistance, which may include preparation of meeting agendas, project schedules, phasing scenarios, and related efforts.

2.0 Understanding the Existing Conditions

2.1 Preliminary Engineering Review - Provide preliminary engineering review and analysis and understand the existing conditions by reviewing technical studies prepared by others:

- Lewis Center for Educational Research Specific Plan, approved by Town Council Jan.2011
- CEQA Environmental Initial Study, Town of Apple Valley, October 2010
- Sewage System Master Plan Update, Apple Valley, August.2013
- Desert Knolls Wash Phase III Project Report, Allard Engineering, June.2009
- Traffic Impact Report, Kunzman Associates, May 2009
- Master Infrastructure Plan, Allard Engineering, May 2009
- Biological technical Report and Focused Desert Tortoise Survey, Scott White Biological Consulting, February 2007.
- Phase 1 Cultural Resources Investigation, McKenna, et al., December 2006
- Soils Investigation, John R. Byerly, Inc., August 1999

2.2 Conceptual Site Plan & Cost Opinion - Provide preliminary engineering guidance and prepare a preliminary engineer's opinion of probable construction cost based on a conceptual site plan provided by client.

2.3 Reimbursable Expenses – Other Direct Costs (ODC)

3.0 Preliminary Survey and Utility Research

3.1 Property Constraints - Obtain Title Reports for all properties with the project limits to define easements and other constraints and boundaries. Obtain Right-of-Way mapping from both San

Bernardino County Flood Control with respect to the Desert Knolls Channel and Caltrans pertaining to Highway 18.

3.2 Utility Research - Conduct utility research and obtain mapping of all utilities relevant to this project.

3.3 Topographic Map Review - Obtain topographic mapping provided by client and assess accuracy for preparing site plan and engineering design efforts in the future.

3.4 Reimbursable Expenses – Other Direct Costs (ODC)

The following tasks will be defined upon completion of Tasks 1-3

4.0 Engineering

4.1 Prepare Site Plan

4.2 Prepare Traffic Signal Plans for Hwy 18 at Project Entry

4.3 Prepare Improvement Plans for intersection at Hwy 18 with Project Entry

4.4 Prepare Grading and Drainage Plan

4.5 Prepare Hydrology & Hydraulics Report

4.6 Prepare Water & Sewer Plan

4.7 Prepare Water Quality Management Plan

4.8 Stormwater Prevention Plan (SWPPP)

4.9 Prepare Engineer's Opinion of Probable costs

4.10 Attend project meetings

4.11 Technical Quality Control Reviews

4.12 Task Administration

4.13 Reimbursable Expenses – Other Direct Costs (ODC)

5.0 Town of Apple Valley Administrative Site Plan Review

5.1 Meet with Town staff to review Site Plan prior to submittal

5.2 Submit Administrative Site Plan review package to Town

5.3 Meet with Town staff to discuss Site Plan and respond to questions/comments as needed

5.4 Revise Site Plan as needed in response to Town comments.

5.5 Task Administration

5.6 Reimbursable Expenses – Other Direct Costs (ODC)

6.0 Caltrans Encroachment Permit – Highway 18

6.1 Prepare Caltrans application for Encroachment Permit for the Project Access with Hwy 18

6.2 Attend meetings with Caltrans staff as needed to process Permit application

6.3 Revise plans to address Caltrans comments/questions as needed

6.4 Task Administration

6.5 Reimbursable Expenses – Other Direct Costs (ODC)

7.0 Mitigation Monitoring and Compliance

7.1 Mitigation Measures BIO 1-5: *Jericho Systems*

SCOPE FORTHCOMING

7.2 Mitigation Measures CR 1-5: *Applied Earthworks*

SCOPE FORTHCOMING

7.3 Mitigation Measures GH 1-22: (TBD)

Meet with client and architect to determine appropriate climate change and GHG reduction goals that meet the requirements and intent of Mitigation Measures. This task will be more completely defined based on client goals and outcome of meetings with client and architect.

7.4 Mitigation Measures N 1-2: Prepare Noise Assessment for the project site. (TBD)

The parameters of the Noise Assessment will need to be defined before this task can be properly defined.

7.5 Mitigation Measures T 1-10: See Tasks 4 and 6 for identification tasks related to Transportation Measures.

**LEWIS CENTER FOR EDUCATIONAL RESEARCH
 Apple Valley Campus Expansion
 Exhibit B**

FEE PROPOSAL

PB Job No.

PARSONS BRINCKERHOFF, INC.

Date: 10-29-13
 Sheet 1 OF 1

Task Number	Task Description	Number of sheets	Doug Sawyer, Area Manager	Jim Imborski, PLS, PIC	Debra Meier, Project Manager	Ron Sklepko, PE, CIVIL PM	David Hammer, Lead Engineer	Rafael Gonzales, Lead Engr	David Hwan, Proj Engr	Jarrad Miller, Drainage Engr.	Bill Wallender, CAD Drafter	Cynthia Cavazos, Proj Acct.	Sandy Pierce, Admin	Janeen Nedlik, PLS	Janice Haynes, Survey Tech	Anthony Placencia, CAD Drafter	Total Task Hours	Total ODC	Total Fee
1.0	Project Meetings and Management	-	2	8	60	24	16	-	-	-	-	8	4	-	-	-	122	\$ -	\$ 22,819
1.1	Client Meetings		2	6	24	12											44	\$ -	\$ 9,329
1.2	Agency Meetings				8	4	16										28	\$ -	\$ 4,766
1.3	Project Management			2	28	8						8	4				50	\$ -	\$ 8,724
2.0	Understanding the Existing Conditions	-	-	3	26	38	35	8	-	8	16	-	-	-	-	-	134	\$ 369	\$ 23,235
2.1	Preliminary Engineering Review			1	16	20	20										57	\$ -	\$ 10,647
2.2	Conceptual Site Plan and Cost Opinion			2	10	18	15	8		8	16						77	\$ -	\$ 12,219
2.3	Reimbursable Expenses - Other Direct Costs																-	\$ 369	\$ 369
3.0	Preliminary Survey & Research Task	-	-	1	5	-	6	-	24	-	-	-	-	4	14	-	54	\$ 200	\$ 7,946
3.1	Property Constraints			1	2									4	12		19	\$ -	\$ 3,008
3.2	Utility Research				2		4		24								30	\$ -	\$ 3,975
3.3	Topographic Map Review				1		2								2		5	\$ -	\$ 764
3.4	Reimbursable Expenses - Other Direct Costs																-	\$ 200	\$ 200
																	-	\$ -	\$ -
																	-	\$ -	\$ -
																	-	\$ -	\$ -
																	-	\$ -	\$ -
																	-	\$ -	\$ -
																	-	\$ -	\$ -
																	-	\$ -	\$ -
																	-	\$ -	\$ -
																	-	\$ -	\$ -
																	-	\$ -	\$ -
	Column Totals:	-	2	12	91	62	57	8	24	8	16	8	4	4	14	-	310	569	\$ 54,000

Academy for Academic Excellence School Board Committee

Regular Meeting of the Board of Directors

Minutes

November 14, 2013

1.0 **CALL TO ORDER:**

The meeting was called to order by Kevin Porter at 7:33 a.m.

2.0 **ROLL CALL:**

Directors Present: Kevin Porter, Jose Palafox, David Bains, Robert Lovingood, Russell Stringham and Rick Wolf

Directors Absent: none

Staff Members Present: Lisa Lamb, Gordon Soholt, Cynthia Allen, Rena Payne, James Southwick

Student Representatives: none

3.0 **PUBLIC COMMENTS:** None

4.0 **SPECIAL PRESENTATIONS/ANNOUNCEMENTS:** None

5.0 **STUDENT REPRESENTATIVE COMMENTS:** None

6.0 **CORRESPONDENCE:** None

7.0 **DISCUSSION ITEMS:** None

8.0 **INFORMATION:**

.01 Principals Report

- Mock Trial is doing great. Mrs. Lamb heard attorneys say AAE's performance was among the best they have seen in many years.
- Teachers are hard at work transitioning to Common Core. Teachers are participating in ongoing training. Assessments and new curriculum is being reviewed.
- Many math teachers attended either the California or National Math Conference this month.
- Four elementary teachers are going to a Writing Conference next month.
- AAE is looking into an all-teaching staff Technology Cue Conference in Palm Springs next March.
- Fall Festival went great this year raising approximately \$17,000 in funds for clubs.
- Traffic awareness has been implemented using cadets and proctors holding signs asking parents to be a good neighbor. AAE is diligent to be good neighbors to the surrounding neighborhood. Afternoon traffic is the worse due to cars are lining up early and stopping/blocking residential driveways.
- Mr. Porter asked about AAE extending Riverside Drive to push traffic through Riverside Drive. Gordon advised we are looking into options, however, Riverside Drive goes through private property and private land would have to be bought.
- Mr. Palafox asked if construction on the side street has continued. Lisa advised only 3 houses have gone up.
- Mr. Lovingood asked how does AAE manage those driving fast down Mana Road. Lisa advised CHP is called out periodically to monitor and issue citations, if necessary.
- Basketball tryouts were delayed and will continue next week.

9.0 CONSENT AGENDA:

- .01 Approve AAE Comparatives – September, 2013
- .02 Approve AAE Board Minutes – October 17, 2013

On a motion by Jose Palafox and seconded by Russell Stringham, vote 6-0 Consent Agenda items 9.01 to 9.02 were approved.

10.0 ACTION ITEMS: None

11.0 STAFF COMMENTS:

- Gordon thanked everyone that attended the November 8th Gym grand opening ceremony. All the speakers and students did a great job. The conference room we are meeting in today is the trophy room to honor Jerry Lewis for his many contributions and support of the Lewis Center and AAE.
- Gordon advised Mock Trial started last week and won against Encore High School. Jeff Henderson is doing a good job leading this year's Mock Trial. Also, High School girl's volleyball game won their playoff game Thursday night.
- Gordon advised that staff at Norton decided to go K-8th grade. Norton Board will vote on this discussion next Wednesday. More information regarding this will be available after the County Board meeting in January.
- Mr. Southwick shared assessment data from Math that included ACT Explorer, CST, and grades from 2nd semester. AAE is continually looking at data that shows if students are progressing or not.

12.0 BOARD MEMBER COMMENTS:

- Mr. Porter asked where to find AAE basketball schedule? Gordon advised on AAE website.
- Mr. Wolf asked in regards to traffic - if a review of AAE loading procedures is being done and will AAE stagger start times so everyone doesn't arrive at the same time next year? Mrs. Lamb advised AAE is working with Jason Cunningham to review that we have the best plan in place for next year.
- Mr. Stringham asked how is our Math. Mrs. Lamb shared AAE math teachers attended the National Math Conference. Traditional or integrated math is being looked at for next year. AAE is moving away from CSA standards and moving towards Common Core Standards. AAE math department is moving forward in a positive way.
- Mr. Porter requested Math updates be added to the AAE Board agenda each month.
- Mr. Bains asked if AAE is looking into traditional and integrated math. What are other schools doing? Requested to see history of other schools integrated math vs. traditional. Mrs. Lamb advised she will bring more information to the next Board Meeting.
- Mr. Bain's asked about the flag burning ceremony? Mrs. Lamb advised it is JROTC event for proper disposal of damaged American flags.
- Mr. Lovingood suggested AAE look into Auto Cad program to be implemented here at AAE. Mrs. Lamb agreed the Auto Cad would support Common Core standards. AAE can look into qualified staff, training, and how to get it implemented. Gordon suggested we may have I.T. staff teach a computer type class on it.
- Mr. Porter stated he and Rick had met with Mr. Craig Garrick who was interested in partnering with AAE as an alternative to college for students to go into FAA licensing. Mr. Stringham suggested AAE should take a field trip with Mr. Garrick to see the program at the SCLA.

- Mr. Bains asked for an update on the Tuscola traffic light. Gordon advised AAE has a temporary certificate of occupancy pending the traffic light completion. AAE will not build anymore until the traffic light is completed. The new gym did not increase traffic; however, moving other campuses here next year will increase overall traffic.

13.0 ADJOURNMENT:

There being no further business to come before the Board, the meeting was adjourned at 8:19 a.m.

Respectfully submitted,
Rena Payne
Administrative Assistant to AAE Principal

AAE - Budget Comparison 2012/13 to 2013/14

	2012-2013			2013-2014			Comparison	
	Total Budget \$ - Revised	Current Period Actual thru Nov 2012	Percent Total Budget-to-date	Total Budget \$ - Revised	Current Period Actual thru Nov 2013	Percent Total Budget-to-date	Percent to-date	Budget Comparison
Revenue								
Revenue								
Revenue	9,443,648.00	5,311,872.89	56.25%	9,869,782.00	6,808,324.45	68.98%		12.73%
Budget Carryover				169,000.00	70,416.67			
Capital Improvements				350,000.00	145,833.33			
Total Revenue	9,443,648.00	5,311,872.89	56.25%	10,388,782.00	7,024,574.45	67.62%		12.73%
Expense								
Salaries								
Certificated								
Certificated Salaries	4,157,804.00	1,640,939.24	39.47%	4,545,071.00	1,946,922.45	42.84%		3.37%
Total Certificated	4,157,804.00	1,640,939.24	39.47%	4,545,071.00	1,946,922.45	42.84%		3.37%
Classified								
Classified Salaries	1,082,030.00	422,989.59	39.09%	1,131,372.00	433,315.26	38.30%		-0.79%
Referees	12,500.00		0.00%	12,500.00	861.00	6.89%		6.89%
Total Classified	1,094,530.00	422,989.59	38.65%	1,143,872.00	434,176.26	37.96%		-0.69%
Total Salaries	5,252,334.00	2,063,928.83	39.30%	5,688,943.00	2,381,098.71	41.85%		2.56%
Benefits								
Health Benefits	773,844.00	294,277.57	38.03%	828,564.00	324,057.53	39.11%		1.08%
STRS	329,521.00	127,833.83	38.79%	360,610.00	153,069.85	42.45%		3.65%
PERS	142,214.00	47,643.19	33.50%	149,365.00	50,692.10	33.94%		0.44%
Employer Costs	267,436.00	103,938.03	38.86%	227,387.00	90,121.81	39.63%		0.77%
Total Benefits	1,513,015.00	573,692.62	37.92%	1,565,926.00	617,941.29	39.46%		1.54%
Books and Supplies								
Approved Text Books	78,000.00	64,318.74	82.46%	43,000.00	32,654.50	75.94%		-6.52%
Books	7,500.00	78.27	1.04%	7,250.00	0.00	0.00%		-1.04%
Class Supplies	111,500.00	82,111.38	73.64%	247,013.00	69,920.07	28.31%		-45.34%
Equipment (under 5K)	14,600.00	2,604.63	17.84%	14,700.00	1,060.91	7.22%		-10.62%
Testing	12,200.00	5,571.37	45.67%	12,000.00	5,697.80	47.48%		1.81%
Field Trip	2,000.00	400.00	20.00%	2,000.00	2,705.49	135.27%		115.27%
Food	120,000.00	38,195.20	31.83%	120,000.00	37,912.00	31.59%		-0.24%
Office Supplies	16,500.00	4,567.97	27.68%	10,500.00	6,612.85	62.98%		35.29%
Emergency-First Aid	1,500.00	51.31	3.42%	1,500.00	0.00	0.00%		-3.42%
Bus	32,000.00	4,674.50	14.61%	32,000.00	7,483.07	23.38%		8.78%
Computers					8,409.58			
Books, Media, Library	12,000.00	6,711.12	55.93%	12,000.00	8,602.33	71.69%		15.76%
Total Books and Supplies	407,800.00	209,284.49	51.32%	501,963.00	181,058.60	36.07%		-15.25%
Services, Other Operating Expenses								
Employee Admin	1,350.00	1,469.65	108.86%	1,600.00	960.67	60.04%		-48.82%
Travel	7,000.00	1,244.09	17.77%	12,000.00	1,723.59	14.36%		-3.41%
Training and Conferences	13,000.00	13,225.34	101.73%	21,275.00	18,640.42	87.62%		-14.12%
Dues and Memberships	10,150.00	49.00	0.48%	10,150.00	2,811.59	27.70%		27.22%
AVUSD Fees	7,905.00	0.00	0.00%	7,800.00	0.00	0.00%		0.00%
S B Co Fees		1,350.00			1,500.00			
Legal Fees	750.00	870.00		850.00	892.00	0.00%		0.00%
Consulting	72,000.00	19,942.50	27.70%	79,250.00	1,215.00	1.53%		-26.16%
SELPA Services	79,250.00	8,243.00		0.00	0.00			0.00%
Postage	250.00	525.00		250.00	1,886.00			
Rental - Leases	89,000.00	37,666.70	42.32%	169,000.00	48,858.62	28.91%		-13.41%
Special Events	10,100.00	1,235.37	12.23%	10,100.00	3,230.03	31.98%		19.75%
Furniture	5,000.00	5,000.00	100.00%	7,500.00	0.00			-30.71%
Total Services, Other Operating	295,755.00	90,820.65	30.71%	319,775.00	81,717.92	25.55%		-5.15%
Capital Outlay								
Bldg Improvements				350,000.00	151,030.71			
Total Capital Outlay			100.00%	350,000.00	151,030.71			
Total Expense	7,468,904.00	2,937,726.59	1.59	8,426,607.00	3,412,847.23	1.43		-16.30%

Total active accts = 796, laptop accts with one current pymt late = 8, % that are up-to-date = 99%, Inactive accts (students have left with laptop) = 0+3 staff

CHARTER NAME: Academy for Academic Excellence
 CDS # 36750773631207
 CHARTER # 127

REPORT PERIOD FIRST INTERIM 10/31/2013

2013-14 through 2015-16

ASSUMPTIONS:

	2013-14	2014-15	Change	2015-16	Change
Local Control Funding (LCFF) - BASC/FCMAT Calculator					
COLA (on Base)*	1.57%	1.87%	0.30%	1.99%	0.12%
Funding Rate (on Gap)*	11.78%	16.49%	4.71%	18.69%	2.20%
LCFF pre COE, Choice Supp (as per BASC/FCMAT Calculator)	8,501,085.48	8902931	#####	9,320,465.85	#####
Lottery Allocation Amount/Per ADA (as per SSC Dartboard 2013-14 Adopted Budget)					
Unrestricted	126.00	126.00	0.00%	126.00	0.00%
Restricted	31.00	31.00	0.00%	31.00	0.00%
Independent Study Funding Determination %			0%		0%
ADA (2nd Principal)					
Grades K-3 Classroom based	374	375	1	375	0
Non-Classroom based (Independent Study)	0		0		0
Funding determination % for non-classroom based	0%	0%	0%	0%	0%
Non-Classroom based funded ADA	0.00	0.00	0.00	0.00	0.00
Total Funded ADA	374.04	375.00	0.96	375.00	0.00
Grades 4-6 Classroom based	330	330	(0)	330	0
Non-Classroom based (Independent Study)	0		0		0
Funding determination % for non-classroom based	0%	0%	0%	0%	0%
Non-Classroom based funded ADA	0.00	0.00	0.00	0.00	0.00
Total Funded ADA	330.04	330.00	(0.04)	330.00	0.00
Grades 7-8 Classroom based	224	224	0	224	0
Non-Classroom based (Independent Study)	0		0		0
Funding determination % for non-classroom based	0%	0%	0%	0%	0%
Non-Classroom based funded ADA	0.00	0.00	0.00	0.00	0.00
Total Funded ADA	223.90	224.00	0.10	224.00	0.00
Grades 9-12 Classroom based	409	409	(0)	409	0
Non-Classroom based (Independent Study)	0		0		0
Funding determination % for non-classroom based	0%	0%	0%	0%	0%
Non-Classroom based funded ADA	0.00	0.00	0.00	0.00	0.00
Total Funded ADA	409.45	409.00	(0.45)	409.00	0.00
Total Non-Classroom Based (Independent Study) ADA	-	-	-	-	0.00
Total Funded Non-Classroom Based (Independent Study) ADA	0.00	0.00	0.00	0.00	0.00
Total Classroom Based ADA	1337.43	1338.00	0.57	1338.00	0.00
Total Funded P-2 Attendance	1337.43	1338.00	0.57	1338.00	0.00
Estimated Enrollment	1,397	1,400	0.21%	1,400	0.00%
ADA to Enrollment Ratio	95.74%	95.57%	-0.16%	95.57%	0.00%
Enrollment Growth Over Prior Year	PY Enrollment #####	2.80%		0.00%	
Classroom Staffing Ratio-Students per FTE	25.40	25.45	0.21%	25.45	0.00%
Number of Teachers	55	55	0.00	55	0.00
Teachers Needed for Growth	-	-	0.00	-	0.00
Average Teacher Cost (Salary and Benefits)	50,000	50,000	0.00%	50,000	0.00%
Step and Column Increase	3	3	0.00%	3	0.00%
Cost per Employee Health and Welfare	10,000	10,000	0.00%	10,000	0.00%
Cost per Employee Retirement	8	8	0.00%	8	0.00%
Facilities - Rent	198,000	198,000	0.00%	198,000	0.00%
- Electricity	245,000	245,000	0.00%	245,000	0.00%
- Heating (GAS)			#DIV/0!		#DIV/0!
- Other			#DIV/0!		#DIV/0!
Administration Service Agreements					
1% Oversight Fees to Sponsor	2,218,751	2,230,436	0.53%	2,242,337	0.53%
Administration Service Contract			#DIV/0!		#DIV/0!
Other Costs:			#DIV/0!		#DIV/0!
List Noteworthy Assumptions for other budget line items (Books, Supplies, Services, Capital Outlay, Debt)			#DIV/0!		#DIV/0!
			#DIV/0!		#DIV/0!
			#DIV/0!		#DIV/0!

1ST INTERIM UNRESTRICTED
 2013-14 through 2015-16

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru October 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
REVENUES										
LCFF/REVENUE LIMIT SOURCES										
LCFF	8011				6345792		6,739,894		7,149,625	
EPA	8012	1074864	1074864		1296571		1,296,571		1,296,571	
STATE AID GENERAL PURPOSE	8015	5479183	5479183		This revenue line item is replaced by LCFF					
GENERAL PURPOSE PRIOR YEAR	8019									
IN LIEU PROPERTY TAXES	8096	863696	863696		858,722	-0.58%	866,466	0.90%	874,270	0.90%
FEDERAL	8290				0		0		0	
STATE										
LOTTERY	8560	164567	164567		176,008	6.95%	176,083	0.04%	176,083	0.00%
LOTTERY - PROP 20 - RESTRICTED	8560									
ECONOMIC IMPACT AID	8590				This revenue line item was rolled into LCFF					
CATEGORICAL BLOCK GRANT	8590	554749	554749		This revenue line item was rolled into LCFF					
OTHER STATE REVENUE	8590	306018	306018		0		0		0	
LOCAL										
INTEREST	8660									
OTHER LOCAL REVENUES	8699	213576	213576		149,200	-30.14%	150,000	0.54%	150,000	0.00%
AB602 LOCAL SPECIAL EDUC TRF	8792									
REVENUE TOTALS		\$8,656,653	\$8,656,653	\$0	\$8,826,294	1.96%	\$9,229,015	4.56%	\$9,646,549	4.52%
EXPENDITURES										
Certificated Salaries	1000	4,161,475	4,161,475		4,161,475		4,244,705		4,329,599	2.00%
Classified Salaries	2000	1,474,374	1,474,374		1,474,374		1,503,861		1,533,938	2.00%
Benefits	3000	1,591,659	1,591,659		1,591,659		1,623,493		1,655,962	2.00%
Books & Supplies	4000	297,651	297,651		297,651		303,604		309,676	2.00%
Contracts & Services	5000	901,212	901,212		901,212		919,236		937,621	2.00%
Capital Outlay	6000	14,216	14,216		14,216		14,501		14,791	2.00%
Other Outgo	7000		0		0		0		0	
Debt Service (see Debt Form)	7400	71,082	71,082		71,082		72,504		73,954	2.00%
Total Expenditures		\$8,511,670	\$8,511,670	\$0	\$8,511,670	0.00%	\$8,681,903	2.00%	\$8,855,541	2.00%
EXCESS (DEFICIENCY OF REVENUES OVER EXPENDITURES)		\$144,983	\$144,983	\$0	\$314,624	117.01%	\$547,112	73.89%	\$791,008	44.58%
OTHER SOURCES & USES										
Other Sources/Contributions to Restricted Programs	8900	108,574	108,574							
Other Uses	7600	253,556	253,556		314,624		547,112		791,008	44.58%
Net Sources & Uses		(\$144,982)	(\$144,982)	\$0	(\$314,624)	117.01%	(\$547,112)	73.89%	(\$791,008)	44.58%
NET INCREASE (DECREASE) IN FUND BALANCE		\$0	\$0	\$0	(\$0)	-128.86%	(\$0)	233.95%	(\$0)	-99.76%
FUND BALANCE, RESERVES										
Beginning Balance at Adopted Budget	9791	4,328	4,328		4,328	0.00%	4,328	0.00%	4,328	-0.01%
Adjustments for Unaudited Actuals	9792									
Adjustments for Audit and/or Restatements	9793-95									
Ending Balance	9790	\$4,328	\$4,328		\$4,328	-0.01%	\$4,328	-0.01%	\$4,328	0.00%

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru October 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
Components of Ending Fund Balance (Budget):										
a.	Nonspendable									
	Revolving Cash 9711									
	Stores 9712									
	Prepaid Expenditures 9713									
	All Others 9719									
	General Reserve 9730									
b.	Restricted									
	9740									
c.	Committed - Stabilization Arrangements									
	9750									
	Committed - Other									
	9760									
d.	Assignments									
	9780									
e.	Unassigned/Unappropriated									
	Reserve for Economic Uncertainties 9789	4,328	4,328		4,328	0.00%	4,328	0.00%	4,328	0.00%
	Undesignated / Unappropriated Amount 9790	\$0	\$0		(\$0)	-130.09%	(\$0)	323.40%	(\$0)	0.18%
	Economic Uncertainty and Unappropriated Reserve Percentage (9789+9790/Ttl Exp)	0%	0%		0%	-0.70%	0%	-4.37%	0%	-4.33%

DESCRIPTION	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
ASSUMPTIONS UNRESTRICTED PROGRAMS:						
LIST FEDERAL UNRESTRICTED PROGRAMS (MOST FEDERAL PROGRAMS ARE RESTRICTED AND SHOULD BE ON RESTRICTED SHEET)						
1						
2						
3						
4						
5						
6						
7						
8						
9						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN FEDERAL ABOVE	\$0		\$0		\$0	
Lottery Unrestricted Allocation per ADA	126		126	0.00%	126	0.00%
Lottery Unrestricted Estimated Award	\$176,008		\$176,083	0.04%	\$176,083	0.00%
LIST UNRESTRICTED STATE FUNDS BUDGETED IN OTHER STATE						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN OTHER STATE REVENUE ABOVE	\$0		\$0		\$0	
DETAIL OTHER LOCAL REVENUES PROJECTED						
1 ROTC Reimbursement, Retire Insurance Reimbursement, Other	149,200		150,000	0.54%	150,000	0.00%
2						
3						
4						
5						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN LOCAL REVENUE ABOVE	\$149,200		\$150,000	0.54%	\$150,000	0.00%

1ST INTERIM RESTRICTED
 2013-14 through 2015-16

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru October 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
REVENUES										
LCFF/REVENUE LIMIT SOURCES										
LCFF	8011									
EPA	8012									
STATE AID GENERAL PURPOSE	8015									
GENERAL PURPOSE PRIOR YEAR	8019									
IN LIEU PROPERTY TAXES	8096									
FEDERAL STATE	8290	137,028	137,028		137,028	0.00%	139,769		142,564	2.00%
LOTTERY	8560									
LOTTERY - PROP 20 - RESTRICTED	8560	39,815	39,815		43,304	8.76%	43,322		43,322	0.00%
ECONOMIC IMPACT AID	8590									
CATEGORICAL BLOCK GRANT	8590									
OTHER STATE REVENUE	8590	825,700	825,700		0		0		0	
LOCAL										
INTEREST	8660									
OTHER LOCAL REVENUES	8699				0		0		0	
AB602 LOCAL SPECIAL EDUC TRF	8792				825,700		842,214		859,058	2.00%
REVENUE TOTALS		\$1,002,542	\$1,002,542	\$0	\$1,006,032	0.35%	\$1,025,305	1.92%	\$1,044,944	1.92%
EXPENDITURES										
Certificated Salaries	1000	447,005	447,005		447,005	0.00%	455,945	2.00%	465,064	2.00%
Classified Salaries	2000	329,353	329,353		329,353	0.00%	335,940	2.00%	342,659	2.00%
Benefits	3000	256,553	256,553		256,553	0.00%	261,684	2.00%	266,918	2.00%
Books & Supplies	4000	135,950	135,950		135,950	0.00%	138,669	2.00%	141,442	2.00%
Contracts & Services	5000	86,450	86,450		86,450	0.00%	88,179	2.00%	89,943	2.00%
Capital Outlay	6000	0	0		0		0		0	
Other Outgo	7000	0	0		0		0		0	
Debt Service (see Debt Form)	7400	0	0		0		0		0	
Total Expenditures		\$1,255,311	\$1,255,311	\$0	\$1,255,311	0.00%	\$1,280,417	2.00%	\$1,306,025	2.00%
EXCESS (DEFICIENCY OF REVENUES OVER EXPENDITURES)		(\$252,768)	(\$252,768)	\$0	(\$249,279)	-1.38%	(\$255,112)	2.34%	(\$261,081)	2.34%
OTHER SOURCES & USES										
Other Sources/Contributions from Unrestricted	8900	253,556	253,556		249,279	-1.69%	255,112		261,081	2.34%
Other Uses	7600	788	788							
Net Sources & Uses		\$252,768	\$252,768	\$0	\$249,279	-1.38%	\$255,112	2.34%	\$261,081	2.34%
NET INCREASE (DECREASE) IN FUND BALANCE		\$0	\$0	\$0	\$0	155.88%	(\$0)	-136.73%	\$0	-796.35%
FUND BALANCE, RESERVES										
Beginning Balance	9791		0		0		0		0	-36.73%
Adjustments for Unaudited Actuals	9792									
Adjustments for Audit and/or Restatements	9793-95									
Ending Balance	9790	\$0	\$0		\$0	155.88%	\$0	-36.73%	\$0	404.23%

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru October 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
Components of Ending Fund Balance (Budget):										
a.	Nonspendable									
	Revolving Cash 9711									
	Stores 9712									
	Prepaid Expenditures 9713									
	All Others 9719									
	General Reserve 9730									
b.	Restricted 9740									
c.	Committed - Stabilization Arrangements 9750									
	Committed - Other 9760									
d.	Assignments 9780									
e.	Unassigned/Unappropriated									
	Reserve for Economic Uncertainties 9789									
	Undesignated / Unappropriated Amount 9790	\$0	\$0		\$0	155.88%	\$0	-36.73%	\$0	404.23%
Economic Uncertainty and Unappropriated Reserve Percentage (9789+9790/Ttl Exp)		0%	0%		0%		0%		0%	

DESCRIPTION	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
ASSUMPTIONS UNRESTRICTED PROGRAMS:						
LIST FEDERAL GRANT PROGRAMS						
1 Title II and Child Nutrition	137,028		139,769	2.00%	142,564	2.00%
2						
3						
4						
5						
6						
7						
8						
9						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN FEDERAL ABOVE	\$137,028		\$139,769	2.00%	\$142,564	2.00%
Lottery PROP 20 Restricted Allocation per ADA						
	31		31	0.00%	31	0.00%
Lottery Estimated PROP 20 Restricted Award						
	\$43,304		\$43,322	0.04%	\$43,322	0.00%
LIST RESTRICTED STATE GRANT AND ENTITLEMENT PROGRAMS						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN OTHER STATE REVENUE ABOVE	\$0		\$0		\$0	
LIST RESTRICTED LOCAL AWARD PROGRAMS						
1						
2						
3						
4						
5						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN LOCAL REVENUE ABOVE	\$0		\$0		\$0	

1ST INTERIM SUMMARY
 2013-14 through 2015-16

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru OCTOBER 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
REVENUES										
LCFF/REVENUE LIMIT SOURCES										
LCFF	8011	0	0	0	6,345,792		6,739,894		7,149,625	
EPA	8012	1,074,864	1,074,864	0	1,296,571		1,296,571		1,296,571	
STATE AID GENERAL PURPOSE	8015	5,479,183	5,479,183	0	This revenue line item was rolled into LCFF					
GENERAL PURPOSE PRIOR YEAR	8019			0						
IN LIEU PROPERTY TAXES	8096	863,696	863,696	0	858,722	-0.58%	866,466	1%	874,270	0.90%
FEDERAL	8290	137,028	137,028	0	137,028	0.00%	139,769	2%	142,564	2.00%
STATE										
LOTTERY - UNRESTRICTED	8560	164,567	164,567	0	176,008	6.95%	176,083	0%	176,083	0.00%
LOTTERY - PROP 20 - RESTRICTED	8560	39,815	39,815	0	43,304	8.76%	43,322	0%	43,322	0.00%
ECONOMIC IMPACT AID	8590	0	0	0	This revenue line item was rolled into LCFF					
CATEGORICAL BLOCK GRANT	8590	554,749	554,749	0	This revenue line item was rolled into LCFF					
OTHER STATE REVENUE	8590	1,131,718	1,131,718	0	0		0		0	
LOCAL										
INTEREST	8660	0	0	0	0		0		0	
OTHER LOCAL REVENUES	8699	213,576	213,576	0	149,200	-30.14%	150,000	1%	150,000	0.00%
AB602 LOCAL SPECIAL EDUC TRF	8792	0	0	0	825,700		842,214	2%	859,058	2.00%
REVENUE TOTALS		\$9,659,195	\$9,659,195	\$0	\$9,832,325	1.79%	\$10,254,320	4%	\$10,691,494	4.26%
EXPENDITURES										
Certificated Salaries	1000	4,608,480	4,608,480	0	4,608,480	0%	4,700,649	2%	4,794,662	2%
Classified Salaries	2000	1,803,727	1,803,727	0	1,803,727	0%	1,839,801	2%	1,876,597	2%
Benefits	3000	1,848,212	1,848,212	0	1,848,212	0%	1,885,177	2%	1,922,880	2%
Books & Supplies	4000	433,601	433,601	0	433,601	0%	442,273	2%	451,119	2%
Contracts & Services	5000	987,662	987,662	0	987,662	0%	1,007,415	2%	1,027,563	2%
Capital Outlay	6000	14,216	14,216	0	14,216	0%	14,501	2%	14,791	2%
Other Outgo	7000	0	0	0	0		0		0	
Debt Service (see Debt Form)	7400	71,082	71,082	0	71,082	0%	72,504	2%	73,954	2%
Total Expenditures		\$9,766,980	\$9,766,980	\$0	\$9,766,980	0.00%	\$9,962,320	2.00%	\$10,161,566	2.00%
EXCESS (DEFICIENCY OF REVENUES OVER EXPENDITURES)		(\$107,786)	(\$107,786)	\$0	\$65,345	-160.62%	\$292,000	346.86%	\$529,927	81.48%
OTHER SOURCES & USES										
Other Sources	8900	362,130	362,130	0	249,279	-31%	255,112	2%	261,081	2%
Other Uses	7600	254,344	254,344	0	314,624	24%	547,112	74%	791,008	45%
Net Sources & Uses		\$107,786	\$107,786	\$0	(\$65,345)	-160.62%	(\$292,000)	346.86%	(\$529,927)	81.48%
NET INCREASE (DECREASE) IN FUND BALANCE		\$0	\$0	\$0	(\$0)	-100.71%	(\$0)	13377.28%	\$0	-167.08%
FUND BALANCE, RESERVES										
Beginning Balance	9791	4,328	4,328		4,328	0.00%	4,328	0.00%	4,328	-0.01%
Adjustments for Unaudited Actuals	9792		0		0					
Adjustments for Audit and/or Restatements	9793-95		0		0					
Ending Balance	9790	\$4,328	\$4,328		\$4,328	-0.01%	\$4,328	-0.01%	\$4,328	0.01%
Components of Ending Fund Balance (Budget):										
a. Nonspendable										
Revolving Cash	9711	0	0		0		0		0	
Stores	9712	0	0		0		0		0	
Prepaid Expenditures	9713	0	0		0		0		0	
All Others	9719	0	0		0		0		0	
General Reserve	9730	0	0		0		0		0	
b. Restricted	9740	0	0		0		0		0	
c. Committed - Stabilization Arrangements	9750	0	0		0		0		0	
Committed - Other	9760	0	0		0		0		0	
d. Assignments	9780	0	0		0		0		0	
e. Unassigned/Unappropriated										
Reserve for Economic Uncertainties	9789	4,328	4,328		4,328	0%	4,328	0%	4,328	0%
Undesignated / Unappropriated Amount	9790	\$0	\$0		(\$0)	-102%	(\$0)	6155%	(\$0)	-66%
Economic Uncertainty and Unappropriated Reserve Percentage (9789+9790/TII Exp)		0%	0%		0%	-1%	0%	-4%	0%	-4%

		July	%	August	%	September	%	October	%	November	%	December	%	January	%
	July 1 Cash =	Actuals	Bud	Actuals	Bud	Actuals	Bud	Actuals	Bud	Estimated	Bud	Estimated	Bud	Estimated	Bud
Beginning Cash Balance	July 1 Cash =	4,328		357,460		414,531		361,454		582,048		402,194		442,341	
REVENUE															
LCFF/REVENUE LIMIT SOURCES															
LCFF	8011			913,843	14%	641,869	430%	247,764	4%	507,663	8%	507,663	8%	507,663	8%
EPA	8012							324,143	25%					324,143	25%
STATE AID GENERAL PURPOSE	8015														
GENERAL PURPOSE PRIOR YEAR	8019														
IN LIEU PROPERTY TAXES	8096									107,340	13%	107,340	13%	107,340	13%
FEDERAL	8100-8299	3,522	3%			-		18,377	13%			20,000	15%		
STATE															
LOTTERY	8560	46,325	26%			-		30,518	17%					35,000	20%
LOTTERY - PROP 20 RESTRICTED	9560	8,040	19%			-		32,804						1,000	
CATEGORICAL BLOCK GRANT	8590														
ECONOMIC IMPACT AID	8590														
OTHER STATE REVENUE	8300-8599	253						1,314							
LOCAL															
INTEREST	8660														
AB602 LOCAL SPECIAL EDUC TRF	8792	250	0%			224,834	151%					200,000	24%		
OTHER LOCAL REVENUES	8600-8799	12,601	8%	33,254	22%	42,276	28%	24,343	16%					10,000	7%
TOTAL REVENUES		70,990	1%	947,097	10%	908,979	9%	679,262	7%	615,004	6%	835,004	8%	985,146	10%
EXPENDITURES															
CERTIFICATED SALARIES	1000-1999	388,570	8%	407,742	9%	407,742	9%	398,653	9%	375,722	8%	375,722	8%	375,722	8%
CLASSIFIED SALARIES	2000-2999	142,325	8%	147,412	8%	155,802	9%	147,693	8%	151,312	8%	151,312	8%	151,312	8%
EMPLOYEE BENEFITS	3000-3999	143,428	8%	147,971	8%	147,971	8%	148,152	8%	157,586	9%	157,586	9%	157,586	9%
BOOKS & SUPPLIES	4000-4999	40,540	9%	62,227	14%	63,667	15%	45,617	11%	27,694	6%	27,694	6%	27,694	6%
SERVICES/OPERATING EXP	5000-5999	96,824	10%	82,025	8%	59,404	6%	93,861	10%	81,944	8%	81,944	8%	81,944	8%
CAPITAL OUTLAY	6000-6599	268,826	1891%	42,648	300%	262,324	1845%	(375,307)	-2640%						
OTHER OUTGO	7100-7299														
DEBT SERVICE	7400-7499					547	1%			600	1%	600	1%	600	1%
TOTAL EXPENDITURES		1,080,513	11%	890,026	9%	1,097,457	11%	458,668	5%	794,857	8%	794,857	8%	794,857	8%
OTHER SOURCES/USES															
OTHER SOURCES	8900	249,279	100%												
OTHER USES	7600	314,624	100%												
TOTAL OTHER SOURCES/USES		(65,345)	100%	-	-	-	-	-	-	-	-	-	-	-	-
PRIOR YEAR TRANSACTIONS															
ACCOUNTS RECEIVABLE	9210	2,928,000				135,400									
PREPAID EXPENDITURES	9330														
ACCOUNTS PAYABLE	9510	1,500,000													
LINE OF CREDIT PAYMENTS	9640														
DEFERRED REVENUE	9650														
NET PRIOR YEAR TRANSACTIONS		1,428,000		-		135,400		-		-		-		-	
OTHER ADJUSTMENTS (LIST)															
TOTAL MISC. ADJUSTMENTS		-		-		-		-		-		-		-	
NET REVENUES LESS EXPENDITURES		353,132		57,071		(53,077)		220,594		(179,853)		40,147		190,289	
ENDING CASH BALANCE		357,460		414,531		361,454		582,048		402,194		442,341		632,630	

	February Estimated	% Bud	March Estimated	% Bud	April Estimated	% Bud	May Estimated	% Bud	June Estimated	% Bud	Estimated Accrual	Total	Projected Budget	Difference
Beginning Cash Balance	632,630		472,777		492,924		703,213		523,360		497,771	567,727		
REVENUE														
LCFF/REVENUE LIMIT SOURCES														
LCFF	507,663	8%	507,663	8%	507,663	8%	507,663	8%	507,663	8%	481,010	6,345,793	6,345,792	(0)
EPA					324,143	25%					324,143	1,296,571	1,296,571	(0)
STATE AID GENERAL PURPOSE												-	-	-
GENERAL PURPOSE PRIOR YEAR												-	-	-
IN LIEU PROPERTY TAXES	107,340	13%	107,340	13%	107,340	13%	107,340	13%	107,340	13%		858,722	858,722	-
FEDERAL	20,000	15%			20,000	15%			20,000	15%	35,129	137,028	137,028	0
STATE														
LOTTERY					35,000	20%					29,165	176,008	176,008	0
LOTTERY - PROP 20 RESTRICTED					1,000						459	43,303	43,304	0
CATEGORICAL BLOCK GRANT												-	-	-
ECONOMIC IMPACT AID												-	-	-
OTHER STATE REVENUE											(1,566)	0	-	(0)
LOCAL														
INTEREST												-	-	-
AB602 LOCAL SPECIAL EDUC TRF			200,000	24%					200,000	24%	616	825,700	825,700	-
OTHER LOCAL REVENUES					10,000	7%					16,726	149,200	149,200	0
TOTAL REVENUES	635,004	6%	815,004	8%	1,005,146	10%	615,004	6%	835,004	8%	885,682	9,832,325	9,832,325	0
EXPENDITURES														
CERTIFICATED SALARIES	375,722	8%	375,722	8%	375,722	8%	375,722	8%	375,722	8%		4,608,480	4,608,480	(0)
CLASSIFIED SALARIES	151,312	8%	151,312	8%	151,312	8%	151,312	8%	151,312	8%		1,803,726	1,803,727	0
EMPLOYEE BENEFITS	157,586	9%	157,586	9%	157,586	9%	157,586	9%	157,586	9%		1,848,212	1,848,212	0
BOOKS & SUPPLIES	27,694	6%	27,694	6%	27,694	6%	27,694	6%	27,694	6%		433,602	433,601	(0)
SERVICES/OPERATING EXP	81,944	8%	81,944	8%	81,944	8%	81,944	8%	81,944	8%		987,662	987,662	(0)
CAPITAL OUTLAY											(184,274)	14,216	14,216	(0)
OTHER OUTGO												-	-	-
DEBT SERVICE	600	1%	600	1%	600	1%	600	1%	66,335	93%		71,082	71,082	0
TOTAL EXPENDITURES	794,857	8%	794,857	8%	794,857	8%	794,857	8%	860,592	9%	(184,274)	9,766,981	9,766,980	(1)
OTHER SOURCES/USES														
OTHER SOURCES												249,279	249,279	-
OTHER USES												314,624	314,624	-
TOTAL OTHER SOURCES/USES	-	-	-	-	-	-	-	-	-	-	-	(65,345)	(65,345)	-
PRIOR YEAR TRANSACTIONS														
ACCOUNTS RECEIVABLE												3,063,400		
PREPAID EXPENDITURES												-		
ACCOUNTS PAYABLE											1,000,000	2,500,000		
LINE OF CREDIT PAYMENTS												-		
DEFERRED REVENUE												-		
NET PRIOR YEAR TRANSACTIONS	-	-	-	-	-	-	-	-	-	-	(1,000,000)	563,400		
OTHER ADJUSTMENTS (LIST)														
TOTAL MISC. ADJUSTMENTS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NET REVENUES LESS EXPENDITURES	(159,853)		20,147		210,289		(179,853)		(25,588)		69,956	563,399		
ENDING CASH BALANCE	472,777		492,924		703,213		523,360		497,771		567,727			

Charter School Attendance

CH/BG Elementary and Union High Sponsor
 CH/U/BG/Unified School District Sponsor

Name: Academy for Academic Excellence
 Charter 121

1st Interim ADA Report

ADA Summary

Sponsoring School District: Apple Valley Unified School I

Non Classroom Funding Determination Rate* 0%

Resident ADA

				Line	Adopted Budget Est	Revised Budget	1st Interim Projected Budget
A	1.	a.	Kindergarten	Class (A-1a)	65	65	62
		b.	Kindergarten	Non (A-1b)			
		c.	Kindergarten Special Education	Class (A-1c)			
		d.	Kindergarten Special Education	Non (A-1d)			
		e.	Kindergarten NPS/LCI	Class (A-1e)			
		f.	Kindergarten NPS/LCI	Non (A-1f)			
		q.	Total Resident Kindergarten	(A-1a)	65	65	62
	2.	a.	Grades One - Three	Class (A-2a)	206	206	205
		b.	Grades One - Three	Non (A-2b)			
		c.	Grades 1-3 Special Education	Class (A-2c)			
		d.	Grades 1-3 Special Education	Non (A-2d)			
		e.	Grades 1-3 NPS/LCI	Class (A-2e)			
		f.	Grades 1-3 NPS/LCI	Non (A-2f)			
		q.	Total Resident Grades One - Three	(A-2a)	206	206	205
	3.	a.	Grades Four - Six	Class (A-3a)	190	190	196
		b.	Grades Four - Six	Non (A-3b)			
		c.	Grades 4-6 Special Education	Class (A-3c)			
		d.	Grades 4-6 Special Education	Non (A-3d)			
		e.	Grades 4-6 NPS/LCI	Class (A-3e)			
		f.	Grades 4-6 NPS/LCI	Non (A-3f)			
		q.	Total Resident Grades Four - Six	(A-3a)	190	190	196
	4.	a.	Grades Seven - Eight	Class (A-4a)	147	147	151
		b.	Grades Seven - Eight	Non (A-4b)			
		c.	Grades 7-8 Special Education	Class (A-4c)			
		d.	Grades 7-8 Special Education	Non (A-4d)			
		e.	Grades 7-8 NPS/LCI	Class (A-4e)			
		f.	Grades 7-8 NPS/LCI	Non (A-4f)			
		c.	Total Resident Grades Seven - Eight	(A-4a)	147	147	151

Charter School Attendance

Name: my for Academic Excellence

0 CH/BG Elementary and Union High Sponsor

Charter 127

CH/U/BG/Unified School District Sponsor

				Adopted Budget Est	Revised Budget	1st Interim Projected Budget	
Resident ADA continued				Line			
5.	a.	Grades Nine - Twelve	Class	(A-5a)	268	268	268
	b.	Grades Nine - Twelve	Non	(A-5b)			
	c.	Grades 9-12 Special Education	Class	(A-5c)			
	d.	Grades 9-12 Special Education	Non	(A-5d)			
	e.	Grades 9-12 NPS/LCI	Class	(A-5e)			
	f.	Grades 9-12 NPS/LCI	Non	(A-5f)			
	c.	Total Resident Grades Nine - Twelve		(A-5a)	268	268	268
		Total Resident ADA		B ADA	876	876	882
Non-Resident ADA/and NON-Unified Total ADA							
B 1.	a.	Kindergarten	Class	(B-1a)	26	26	25
	b.	Kindergarten	Non	(B-1b)			
	c.	Kindergarten Special Education	Class	(B-1c)			
	d.	Kindergarten Special Education	Non	(B-1d)			
	e.	Kindergarten NPS/LCI	Class	(B-1e)			
	f.	Kindergarten NPS/LCI	Non	(B-1f)			
	q.	Total Non-Resident Kindergarten		(B-1a)	26	26	25
2.	a.	Grades One - Three	Class	(B-2a)	83	83	82
	b.	Grades One - Three	Non	(B-2b)			
	c.	Grades 1-3 Special Education	Class	(B-2c)			
	d.	Grades 1-3 Special Education	Non	(B-2d)			
	e.	Grades 1-3 NPS/LCI	Class	(B-2e)			
	f.	Grades 1-3 NPS/LCI	Non	(B-2f)			
	q.	Total Non-Resident Grades One - Three		(B-2a)	83	83	82
3.	a.	Grades Four - Six	Class	(B-3a)	129	129	134
	b.	Grades Four - Six	Non	(B-3b)			
	c.	Grades 4-6 Special Education	Class	(B-3c)			
	d.	Grades 4-6 Special Education	Non	(B-3d)			
	e.	Grades 4-6 NPS/LCI	Class	(B-2e)			
	f.	Grades 4-6 NPS/LCI	Non	(B-3f)			
	q.	Total Non-Resident Grades Four - Six		(B-3a)	129	129	134

Charter School Attendance Name: my for Academic Excellence
 0 CH/BG Elementary and Union High Sponsor Charter 127
 CH/U/BG/Unified School District Sponsor

			Line	Adopted P-2 Budget Est	Revised Budget	1st Interim Projected Budget
Non-Resident ADA/and NON-Unified Total ADA continued						
4.	a.	Grades Seven - Eight	Class (B-4a)	71	71	73
	b.	Grades Seven - Eight	Non (B-4b)			
	c.	Grades 7-8 Special Education	Class (B-4c)			
	d.	Grades 7-8 Special Education	Non (B-4d)			
	e.	Grades 7-8 NPS/LCI	Class (B-4e)			
	f.	Grades 7-8 NPS/LCI	Non (B-4f)			
	c.	Total Non-Resident Grades Seven - Eight	(B-4a)	71	71	73
5.	a.	Grades Nine - Twelve	Class (B-5a)	141	141	141
	b.	Grades Nine - Twelve	Non (B-5b)			
	c.	Grades 9-12 Special Education	Class (B-5c)			
	d.	Grades 9-12 Special Education	Non (B-5d)			
	e.	Grades 9-12 NPS/LCI	Class (B-5e)			
	f.	Grades 9-12 NPS/LCI	Non (B-5f)			
	c.	Total Non-Resident Grades Nine - Twelve	(B-5a)	141	141	141
		Total Resident ADA	B ADA	451	451	455
Total ADA Resident and Non-Resident				C	1,327	1,327
					1,327	1,337

* ADA for current year is modified by the Funding Determination rate on the Assumptions page if less than 100%. Use this amount in the LCFF calculator and any other ADA based revenue calculations.

DEBT - Multiyear Commitments

Name: Academy for Academic Excellence

Complete the following table for all significant multiyear commitments for the budget year and the following two years. Clearly identify the number of years remaining and the total remaining principal amount of the commitment, the amount of principal and interest budgeted for the current fiscal year in the following two years. Under Comment Section provide a brief statement for the funding source of the payment.

Type of Commitment	# of Years	Balance July 1, 2013 Principal Only	2013-14 Payment P & I	2014-15 Payment P & I	2015-16 Payment P & I	Object Code
State School Building Loans						
Charter School Start-up Loans						
Other Post Employment Benefits						
Compensated Absences						
Bank Line of Credit Loans						
Municipal Lease						
Capital Leases						
1						
2						
Other						
Other Commitments:						
Comments:						
None						

A.A.E. Field Trip Request Form

<u>Office use only</u>	
Date/Time submitted:	
Initials:	
Calendared:	
Initials:	

Today's Date

Requested by: Scott Gormley

Phone/ext.: 946-5414 ext. 250

Destination: Desert Christian HS-Palm Springs

Phone: (760)345-2848 Ext.:245

Desired date for trip: Dec 26-30

Alternate date: N/A

School departure time: 7:30am- 12/26

School return time: depends on tournament

Destination arrival time: approx: 9:30am

Destination departure: depends on tournament

Overnight/Out-of-State stay: YES NO

Water activities involved: YES NO

Grade level: 9-12

cost: students:\$0 adults:\$0

Group size: students: 14 adults: 4

AAE Bus requested? YES NO

AAE van requested? YES NO
(Van seats = eight including driver)

AAE Bus available? YES NO

Charter Bus requested? YES NO

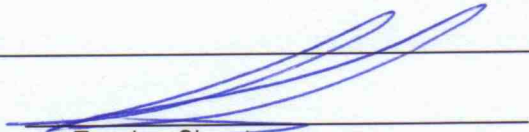
Bus company name:
Bus company contact name:

PTC sponsored? (paid by PTC) YES NO

Trip description- Max Preps Varsity Boys Basketball Tournament- 4 day tournament

Learning objectives (standards supported) N/A

I have followed the checklist prior to submitting this form



Teacher Signature

Principal Signature:

Date:

Notes: Approved AAE parent drivers will be transporting the athletes. Trip will be funded by fundraising and sponsorships.

BOARD APPROVAL REQUIRED BEFORE TICKET PURCHASE -- ITINERARY INCLUDED FOR EACH FIELD TRIP
BOARD APPROVAL REQUIRED FOR OVERNIGHT/OUT-OF-STATE STAYS and WATER ACTIVITIES
THREE MONTHS PRIOR BOARD APPROVAL FOR OUT OF THE COUNTRY TRIPS

**SCHOOL COMMITTEE BOARD OF DIRECTORS
OF THE ACADEMY FOR ACADEMIC EXCELLENCE**

RESOLUTION REGARDING THE EDUCATION PROTECTION ACCOUNT

WHEREAS, the voters approved Proposition 30 on November 6, 2012;

WHEREAS, Proposition 30 added Article XIII, Section 36 to the California Constitution effective November 7, 2012;

WHEREAS, the provisions of Article XIII, Section 36(e) create in the state General Fund an Education Protection Account to receive and disburse the revenues derived from the incremental increases in taxes imposed by Article XIII, Section 36(f);

WHEREAS, before June 30th of each year, the Financial Officer shall estimate the total amount of additional revenues, less refunds that will be derived from the incremental increases in tax rates made pursuant to Article XIII, Section 36(f) that will be available for transfer into the Education Protection Account during the next fiscal year;

WHEREAS, if the sum determined by the State Controller is positive, the State Controller shall transfer the amount calculated into the Education Protection Account within ten days preceding the end of the fiscal year;

WHEREAS, all monies in the Education Protection Account are hereby continuously appropriated for the support of school districts, county offices of education, charter schools and community college districts;

WHEREAS, monies deposited in the Education Protection Account shall not be used to pay any costs incurred by the Legislature, the Governor or any agency of state government;

WHEREAS, a community college district, county office of education, school district, or charter school shall have the sole authority to determine how the monies received from the Education Protection Account are spent in the school or schools within its jurisdiction;

WHEREAS, the governing board of the district shall make the spending determinations with respect to monies received from the Education Protection Account in open session of a public meeting of the governing board;

WHEREAS, the monies received from the Education Protection Account shall not be used for salaries or benefits for administrators or any other administrative cost;

WHEREAS, each community college district, county office of education, school district and charter school shall annually publish on its Internet website an accounting of how much money was received from the Education Protection Account and how that money was spent;

WHEREAS, the annual independent financial and compliance audit required of community college districts, county offices of education, school districts and charter schools shall ascertain and verify whether the funds provided from the Education Protection Account have been properly disbursed and expended as required by Article XIII, Section 36 of the California Constitution;

WHEREAS, expenses incurred by community college districts, county offices of education, school districts and charter schools to comply with the additional audit requirements of Article XIII, Section 36 may be paid with funding from the Education Protection Act and shall not be considered administrative costs for purposes of Article XIII, Section 36.

NOW, THEREFORE, IT IS HEREBY RESOLVED:

1. The monies received from the Education Protection Account shall be spent as required by Article XIII, Section 36 and the spending determinations on how the money will be spent shall be made in open session of a public meeting of the governing board of Academy for Academic Excellence;

2. In compliance with Article XIII, Section 36(e), with the California Constitution, the governing board of the Academy for Academic Excellence has determined to spend the monies received from the Education Protection Act as attached.

DATED: December 9, 2013.

Ayes: _____

Nays: _____

Absent: _____

AAE Chairperson

Chief Academic Officer

San Bernardino County, California

Attested Foundation Treasurer

2012-13 Education Protection Account
Program by Resource Report
Expenditures by Function - Detail

Academy for Academic Excellence

Expenditures through: June 30, 2014
For Fund 01, Resource 1400 Education Protection Account

Description	Object Codes	Amount
AMOUNT AVAILABLE FOR THIS FISCAL YEAR		
Adjusted Beginning Fund Balance	9791-9795	0.00
Revenue Limit Sources	8010-8099	1,547,576.00
Federal Revenue	8100-8299	0.00
Other State Revenue	8300-8599	0.00
Other Local Revenue	8600-8799	0.00
All Other Financing Sources and Contributions	8900-8999	0.00
Deferred Revenue	9650	0.00
TOTAL AVAILABLE		1,547,576.00
EXPENDITURES AND OTHER FINANCING USES		
(Objects 1000-7999)		
Instruction	1000-1999	1,547,576.00
Instruction-Related Services		
Instructional Supervision and Administration	2100-2150	0.00
AU of a Multidistrict SELPA	2200	0.00
Instructional Library, Media, and Technology	2420	0.00
Other Instructional Resources	2490-2495	0.00
School Administration	2700	0.00
Pupil Services		
Guidance and Counseling Services	3110	0.00
Psychological Services	3120	0.00
Attendance and Social Work Services	3130	0.00
Health Services	3140	0.00
Speech Pathology and Audiology Services	3150	0.00
Pupil Testing Services	3160	0.00
Pupil Transportation	3600	0.00
Food Services	3700	0.00
Other Pupil Services	3900	0.00
Ancillary Services	4000-4999	0.00
Community Services	5000-5999	0.00
Enterprise	6000-6999	0.00
General Administration	7000-7999	0.00
Plant Services	8000-8999	0.00
Other Outgo	9000-9999	0.00
TOTAL EXPENDITURES AND OTHER FINANCING USES		1,547,576.00
BALANCE (Total Available minus Total Expenditures and Other Financing Uses)		0.00

Minutes

Regular Meeting of the School Committee Board of Directors for Norton Space and Aeronautics Academy

November 20, 2013
Public Meeting – 9:00 a.m.

- 1.0** CALL TO ORDER: The meeting was called to order by Chairman, Jeff Lewis, at 9am.
- 2.0** ROLL CALL: Chairman, Jeff Lewis
Board Members Present: Duberly Beck, Scott Johnson, Marcia Vargas
Board Members Absent: Andrew Jaramillo
Partners and Staff Present: Guadalupe Girard, Gordon Soholt, Toni Preciado
- 3.0** CORRESPONDENCE:
None
- 4.0** SPECIAL PRESENTATION/ ANNOUNCEMENTS:
None
- 5.0** DISCUSSION ITEMS:
None
- 6.0** INFORMATION:
.01 Principal's Report
The only item of change to the Principal's Report was noted by Ms. Girard as enrollment should read 676, not 581 and that the attendance rate is at 97%.
.02 Parent Presentation slide (Modification to Charter)
Board Member(s) reserved comment for Action item.
- 7.0** PUBLIC COMMENTS: Members of the general public may address the Board. A time limit of five minutes shall be observed. Members of the public wishing to speak must fill out a Request to Speak form and give it to the Recording Secretary. NOTE: Public comments pertaining to Action Items appearing on the Agenda will be taken as the item is considered.

Speaker: Ms. Stacey Davis spoke on proposed changes to the Charter.
- 8.0** CONSENT AGENDA:
.01 Approval of October Financial Report
.02 Approval of October Board Minutes
Member Scott Johnson moved to motion/Duberly Beck seconded the motion. All consent, no one opposed.
- 9.0** ACTION ITEMS:
.01 Approval of Modification to NSAA Charter: Section IV-C (School will serve grades K through 12)
.02 Approval of Modification to NSAA Charter: Change to Renewal Application (Curriculum & Instruction Design)
.03 Approval of Modification to NSAA Charter: Change to Renewal Application (Chinese as a Foreign/World Language)

Chairman Jeff Lewis

- We need better details before moving forward with a motion
- More outlined & detailed information is needed to explain why this Modification to the Charter is our last resort
- Mr. Lewis asked that parents feedback be put in writing so their concerns could be addressed

Member Scott Johnson

- Mr. Johnson was concerned that he was not able to have a lengthy conversation with CEO, Mr. Rick Piercy, in regards to what had been done to justify the change to the Charter.
- Mr. Johnson criticized the power point presentation that was shown to the parents and said it was weak and gave the impression that NSAA had already made the decision to move forward with Modification.
- Mr. Johnson asked Principal Girard to prepare a more detailed analysis of what went wrong with the plan to move forward with a K-12.
- He also asked that the report include the who, what, where and why's of the decision before he could motion.
- Mr. Johnson mentioned a newspaper article recently published in the San Bernardino Sun where the City accepted to collaborate with a Charter school very similar to NSAA and asked why this was not approached by Norton.
- Mr. Johnson volunteered to participate or partner in any District Assessment Survey in regards to this motion..

Member Marcia Vargas

- Ms. Vargas agreed with all Board members and also insisted that we not be hasty with a decision and that all parents be notified of their options.
- Ms. Vargas stated that she would hate to see an ambition plans such as a K-12 fail because administration wanted to take the safe plan and make a decision without all the facts.
- She insists that if we got the word out, parents would speak up.

Member Duberly Beck

- Ms. Beck is still wondering how NSAA got to this point.
- Why were we not told about this two or three years ago?

Member Scott Johnson moved to table item(s) until December 9th, Foundation Board Meeting, Duberly Beck seconded the motion. All consent, no one opposed.

10.0 STAFF COMMENTS:

None

11.0 BOARD MEMBER COMMENTS:

None

12.0 ADJOURNMENT:

There being no further business to come before the Board, Member Scott Johnson motioned to end meeting/Marcia Vargas seconded the motion. All consent, no one opposed.

Lewis Center for Educational Research
Statement of Revenues and Expenditures
From 7/2/2013 Through 12/1/2013

4000 - NSAA

	Actuals for 13/14	Total Budget for 13/14	Percent of Budget Remaining
Revenue			
Revenue			
Revenue	2,606,426.15	5,357,418.00	(51.34)%
Total Revenue	2,606,426.15	5,357,418.00	(51.35)%
Interest			
Capital Improvements	0.00	500,000.00	(100.00)%
Total Interest	0.00	500,000.00	(100.00)%
Total Revenue	<u>2,606,426.15</u>	<u>5,857,418.00</u>	<u>(55.50)%</u>
Expense			
Salaries			
Certificated			
Certificated Salaries	750,445.70	1,899,544.00	60.49%
Cert - Hourly	11,317.24	16,092.00	29.67%
Cert - Subs	32,609.93	46,051.00	29.18%
Cert - Supplemental	19,920.56	0.00	0.00%
Cert - Stipend	8,180.40	31,027.00	73.63%
Total Certificated	822,473.83	1,992,714.00	58.73%
Classified			
Classified Salaries	159,338.69	461,664.00	65.48%
Class - Hourly	16,466.34	53,820.00	69.40%
Class - Subs	13,409.16	2,500.00	(436.36)%
Class - Supplemental	14,845.23	3,100.00	(378.87)%
Class - OT	492.24	0.00	0.00%
Total Classified	<u>204,551.66</u>	<u>521,084.00</u>	<u>60.74%</u>
Total Salaries	1,027,025.49	2,513,798.00	59.14%
Benefits			
Employee Benefits	134,662.97	340,787.00	60.48%
STRS	56,624.64	143,619.00	60.57%
PERS	32,242.47	88,442.00	63.54%
SS Classified	18,570.73	47,924.00	61.24%
Medicare	14,101.16	36,449.00	61.31%
SUI Classified	1,344.48	1,251.00	(7.47)%
Workers Comp	<u>10,181.57</u>	<u>27,021.00</u>	<u>62.31%</u>
Total Benefits	267,728.02	685,493.00	60.94%
Books and Supplies			
Approved Text Books	50,431.61	65,435.00	22.92%
Books	0.00	3,500.00	100.00%
Class Supplies	33,260.15	113,903.00	70.79%
Equipment (under 5K)	6,044.82	8,500.00	28.88%
Testing	1,947.71	8,200.00	76.24%
Food	67,812.35	224,000.00	69.72%
Janitorial	7,478.01	15,000.00	50.14%
Security	10,935.27	15,000.00	27.09%
Office Supplies	9,499.74	13,000.00	26.92%
Copier	7,394.10	20,000.00	63.02%
Emergency-First Aid	0.00	500.00	100.00%
Facilities - Maintenance	4,488.61	15,000.00	70.07%
Books, Media, Library	<u>3,943.64</u>	<u>10,000.00</u>	<u>60.56%</u>
Total Books and Supplies	203,236.01	512,038.00	60.31%

Lewis Center for Educational Research
Statement of Revenues and Expenditures
From 7/2/2013 Through 12/1/2013

Services, Other Operating Expenses			
Employee Admin	667.14	1,100.00	39.35%
Travel	7,733.44	7,200.00	(7.40)%
Training and Conferences	20,474.52	26,700.00	23.31%
Dues and Memberships	137.26	3,500.00	96.07%
S B Co Fees	2,354.35	17,891.00	86.84%
Legal Fees	441.00	500.00	11.80%
Consulting	6,058.34	40,600.00	85.07%
SELPA Services	0.00	3,000.00	100.00%
Trash-Sewer	2,945.48	8,500.00	65.34%
Gardening	11,132.01	6,500.00	(71.26)%
Telephone	679.72	0.00	0.00%
Utilities	33,262.21	55,000.00	39.52%
Postage	1,150.66	2,000.00	42.46%
Rental - Leases	54,889.10	170,000.00	67.71%
Advertising - Marketing	0.00	1,500.00	100.00%
Public Relations	0.00	2,780.00	100.00%
Special Events	1,625.66	3,500.00	53.55%
Furniture	<u>49,918.03</u>	<u>45,383.00</u>	<u>(9.99)%</u>
Total Services, Other Operating Expenses	193,468.92	395,654.00	51.10%
Capital Outlay			
Sites - Improvements of Site	<u>530,756.94</u>	<u>500,000.00</u>	<u>(6.15)%</u>
Total Capital Outlay	530,756.94	500,000.00	(6.15)%
Other Outgo			
Interest Expense	17,193.00	1,000.00	(1,619.30)%
DCB - Loan principal	<u>0.00</u>	<u>50,000.00</u>	<u>100.00%</u>
Total Other Outgo	<u>17,193.00</u>	<u>51,000.00</u>	<u>66.29%</u>
Total Expense	<u>2,239,408.38</u>	<u>4,657,983.00</u>	<u>51.92%</u>

CHARTER NAME: Norton Space and Aeronautics Academy
 CDS # 36103630115808
 CHARTER # 903

REPORT PERIOD FIRST INTERIM 10/31/2013

2013-14 through 2015-16

ASSUMPTIONS:

	2013-14	2014-15	Change	2015-16	Change
Local Control Funding (LCFF) - BASC/FCMAT Calculator					
COLA (on Base)*	1.57%	1.87%	0.30%	1.99%	0.12%
Funding Rate (on Gap)*	11.78%	16.49%	4.71%	18.69%	2.20%
LCFF pre COE, Choice Supp (as per BASC/FCMAT Calculator)	4,324,498.55	4693404	#####	5,123,480.89	#####
Lottery Allocation Amount/Per ADA (as per SSC Dartboard 2013-14 Adopted Budget)					
Unrestricted	126.00	126.00	0.00%	126.00	0.00%
Restricted	31.00	31.00	0.00%	31.00	0.00%
Independent Study Funding Determination %	0%	0%	0%	0%	0%
ADA (2nd Principal)					
Grades K-3 Classroom based	426	415	(11)	415	0
Non-Classroom based (Independent Study)	0	0	0	0	0
Funding determination % for non-classroom based	0%	0%	0%	0%	0%
Non-Classroom based funded ADA	0.00	0.00	0.00	0.00	0.00
Total Funded ADA	425.58	415.00	(10.58)	415.00	0.00
Grades 4-6 Classroom based	195	200	5	200	0
Non-Classroom based (Independent Study)	0	0	0	0	0
Funding determination % for non-classroom based	0%	0%	0%	0%	0%
Non-Classroom based funded ADA	0.00	0.00	0.00	0.00	0.00
Total Funded ADA	195.47	200.00	4.53	200.00	0.00
Grades 7-8 Classroom based	24	50	26	75	25
Non-Classroom based (Independent Study)	0	0	0	0	0
Funding determination % for non-classroom based	0%	0%	0%	0%	0%
Non-Classroom based funded ADA	0.00	0.00	0.00	0.00	0.00
Total Funded ADA	24.14	50.00	25.86	75.00	25.00
Grades 9-12 Classroom based	0	0	0	0	0
Non-Classroom based (Independent Study)	0	0	0	0	0
Funding determination % for non-classroom based	0%	0%	0%	0%	0%
Non-Classroom based funded ADA	0.00	0.00	0.00	0.00	0.00
Total Funded ADA	0.00	0.00	0.00	0.00	0.00
Total Non-Classroom Based (Independent Study) ADA	-	-	-	-	0.00
Total Funded Non-Classroom Based (Independent Study) ADA	0.00	0.00	0.00	0.00	0.00
Total Classroom Based ADA	645.19	665.00	19.81	690.00	25.00
Total Funded P-2 Attendance	645.19	665.00	19.81	690.00	25.00
Estimated Enrollment	667	792	18.74%	925	16.79%
ADA to Enrollment Ratio	96.73%	83.96%	-12.77%	74.59%	-9.37%
Enrollment Growth Over Prior Year	PY Enrollment 510.00	30.78%	18.74%	16.79%	
Classroom Staffing Ratio-Students per FTE	21.52	22.00	2.25%	22.56	2.55%
Number of Teachers	31	36	5.00	41	5.00
Teachers Needed for Growth	5	5	0.00	5	0.00
Average Teacher Cost (Salary and Benefits)	51,250	52,531	2.50%	53,845	2.50%
Step and Column Increase	3	3	0.00%	3	0.00%
Cost per Employee Health and Welfare	10,250	10,506	2.50%	10,769	2.50%
Cost per Employee Retirement	8	8	0.00%	8	0.00%
Facilities - Rent	140,000	142,800	2.00%	146,370	2.50%
- Electricity	72,000	73,440	2.00%	75,276	2.50%
- Heating (GAS)			#DIV/0!		#DIV/0!
- Other			#DIV/0!		#DIV/0!
Administration Service Agreements					
1% Oversight Fees to Sponsor	546,668	550,357	0.67%	554,658	0.78%
Administration Service Contract			#DIV/0!		#DIV/0!
Other Costs:			#DIV/0!		#DIV/0!
List Noteworthy Assumptions for other budget line items (Books, Supplies, Services, Capital Outlay, Debt)			#DIV/0!		#DIV/0!
			#DIV/0!		#DIV/0!
			#DIV/0!		#DIV/0!

1ST INTERIM UNRESTRICTED
 2013-14 through 2015-16

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru October 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
REVENUES										
LCFF/REVENUE LIMIT SOURCES										
LCFF	8011				3815991		4,184,896		4,614,973	
EPA	8012	557459	557459		508508		508,508		508,508	
STATE AID GENERAL PURPOSE	8015	2841683	2841683		This revenue line item is replaced by LCFF					
GENERAL PURPOSE PRIOR YEAR	8019									
IN LIEU PROPERTY TAXES	8096									
FEDERAL	8290				0		0		0	
STATE										
LOTTERY	8560	80660	80660		84,908	5.27%	87,515	3.07%	90,805	3.76%
LOTTERY - PROP 20 - RESTRICTED	8560									
ECONOMIC IMPACT AID	8590	271901	271901		This revenue line item was rolled into LCFF					
CATEGORICAL BLOCK GRANT	8590				This revenue line item was rolled into LCFF					
OTHER STATE REVENUE	8590	205632	205632		0		0		0	
LOCAL										
INTEREST	8660									
OTHER LOCAL REVENUES	8699	179380	179380		23,900	-86.68%	0		0	
AB602 LOCAL SPECIAL EDUC TRF	8792									
REVENUE TOTALS		\$4,136,715	\$4,136,715	\$0	\$4,433,307	7.17%	\$4,780,919	7.84%	\$5,214,286	9.06%
EXPENDITURES										
Certificated Salaries	1000	1,688,916	1688916		1,688,916		1,722,694		1,757,148	2.00%
Classified Salaries	2000	705,382	705382		705,382		719,490		733,880	2.00%
Benefits	3000	693,462	693462		693,462		707,331		721,478	2.00%
Books & Supplies	4000	269,509	269509		269,509		274,899		280,397	2.00%
Contracts & Services	5000	689,762	689762		689,762		703,558		717,629	2.00%
Capital Outlay	6000	287,019	287019		287,019		292,760		298,615	2.00%
Other Outgo	7000	0	0		0		0		0	
Debt Service (see Debt Form)	7400	86,096	86096		86,096		87,818		89,574	2.00%
Total Expenditures		\$4,420,146	\$4,420,146	\$0	\$4,420,146	0.00%	\$4,508,549	2.00%	\$4,598,720	2.00%
EXCESS (DEFICIENCY OF REVENUES OVER EXPENDITURES)		(\$283,432)	(\$283,432)	\$0	\$13,160	-104.64%	\$272,370	1969.62%	\$615,566	126.00%
OTHER SOURCES & USES										
Other Sources/Contributions to Restricted Programs	8900	358,457	358,457				144,633		249,761	72.69%
Other Uses	7600				5,124		400,000		800,000	100.00%
Net Sources & Uses		\$358,457	\$358,457	\$0	(\$5,124)	-101.43%	(\$255,367)	4883.74%	(\$550,239)	115.47%
NET INCREASE (DECREASE) IN FUND BALANCE		\$75,025	\$75,025	\$0	\$8,036	-89.29%	\$17,003	111.57%	\$65,327	284.21%
FUND BALANCE, RESERVES										
Beginning Balance at Adopted Budget	9791	453,001	453,001		453,001	0.00%	461,037	1.77%	478,040	3.69%
Adjustments for Unaudited Actuals	9792									
Adjustments for Audit and/or Restatements	9793-95									
Ending Balance	9790	\$528,026	\$528,026		\$461,037	-12.69%	\$478,040	3.69%	\$543,367	13.67%

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru October 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
Components of Ending Fund Balance (Budget):										
a.	Nonspendable									
	Revolving Cash 9711									
	Stores 9712									
	Prepaid Expenditures 9713									
	All Others 9719									
	General Reserve 9730									
b.	Restricted									
	9740									
c.	Committed - Stabilization Arrangements									
	9750									
	Committed - Other									
	9760									
d.	Assignments									
	9780									
e.	Unassigned/Unappropriated									
	Reserve for Economic Uncertainties 9789	528,026	528,026		461,037	-12.69%	478,040	3.69%	543,367	13.67%
	Undesignated / Unappropriated Amount 9790	(\$0)	(\$0)		\$0	-120.30%	(\$0)	-783.21%	(\$0)	50.65%
	Economic Uncertainty and Unappropriated Reserve Percentage (9789+9790/Ttl Exp)	12%	12%		10%	-12.79%	10%	-6.52%	10%	3.35%

DESCRIPTION	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
ASSUMPTIONS UNRESTRICTED PROGRAMS:						
LIST FEDERAL UNRESTRICTED PROGRAMS (MOST FEDERAL PROGRAMS ARE RESTRICTED AND SHOULD BE ON RESTRICTED SHEET)						
1						
2						
3						
4						
5						
6						
7						
8						
9						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN FEDERAL ABOVE	\$0		\$0		\$0	
Lottery Unrestricted Allocation per ADA	126		126	0.00%	126	0.00%
Lottery Unrestricted Estimated Award	\$84,908		\$87,515	3.07%	\$90,805	3.76%
LIST UNRESTRICTED STATE FUNDS BUDGETED IN OTHER STATE						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN OTHER STATE REVENUE ABOVE	\$0		\$0		\$0	
DETAIL OTHER LOCAL REVENUES PROJECTED						
1 Other	23,900					
2						
3						
4						
5						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN LOCAL REVENUE ABOVE	\$23,900		\$0		\$0	

1ST INTERIM RESTRICTED
 2013-14 through 2015-16

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru October 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
REVENUES										
LCFF/REVENUE LIMIT SOURCES										
LCFF	8011									
EPA	8012									
STATE AID GENERAL PURPOSE	8015									
GENERAL PURPOSE PRIOR YEAR	8019									
IN LIEU PROPERTY TAXES	8096									
FEDERAL STATE	8290	403,887	403,887		403,887	0.00%	484,664		505,000	4.20%
LOTTERY	8560									
LOTTERY - PROP 20 - RESTRICTED	8560	19,514	19,514		20,890	7.05%	21,532		22,341	3.76%
ECONOMIC IMPACT AID	8590									
CATEGORICAL BLOCK GRANT	8590									
OTHER STATE REVENUE	8590	18,000	18,000		18,000	0.00%	21,600		25,000	15.74%
LOCAL										
INTEREST	8660									
OTHER LOCAL REVENUES	8699	7,500	7,500		7,500	0.00%	8,500		9,500	11.76%
AB602 LOCAL SPECIAL EDUC TRF	8792	404,703	404,703		404,703	0.00%	485,643		582,772	20.00%
REVENUE TOTALS		\$853,604	\$853,604	\$0	\$854,980	0.16%	\$1,021,939	19.53%	\$1,144,613	12.00%
EXPENDITURES										
Certificated Salaries	1000	288,521	288,521		288,521	0.00%	294,291	2.00%	300,177	2.00%
Classified Salaries	2000	141,729	141,729		141,729	0.00%	144,564	2.00%	147,455	2.00%
Benefits	3000	113,140	113,140		113,140	0.00%	115,403	2.00%	117,711	2.00%
Books & Supplies	4000	268,914	268,914		268,914	0.00%	274,292	2.00%	279,778	2.00%
Contracts & Services	5000	47,800	47,800		47,800	0.00%	48,756	2.00%	49,731	2.00%
Capital Outlay	6000	0	0		0		0		0	
Other Outgo	7000	0	0		0		0		0	
Debt Service (see Debt Form)	7400	0	0		0		0		0	
Total Expenditures		\$860,104	\$860,104	\$0	\$860,104	0.00%	\$877,306	2.00%	\$894,852	2.00%
EXCESS (DEFICIENCY OF REVENUES OVER EXPENDITURES)		(\$6,500)	(\$6,500)	\$0	(\$5,124)	-21.17%	\$144,633	-2922.58%	\$249,761	72.69%
OTHER SOURCES & USES										
Other Sources/Contributions from Unrestricted	8900	6,500	6,500		5,124	-21.17%				
Other Uses	7600						144,633		249,761	72.69%
Net Sources & Uses		\$6,500	\$6,500	\$0	\$5,124	-21.17%	(\$144,633)	-2922.66%	(\$249,761)	72.69%
NET INCREASE (DECREASE) IN FUND BALANCE		(\$0)	(\$0)	\$0	(\$0)	8481.51%	\$0	-172.35%	(\$0)	-391.05%
FUND BALANCE, RESERVES										
Beginning Balance	9791		0		0		(0)		(0)	-72.35%
Adjustments for Unaudited Actuals	9792									
Adjustments for Audit and/or Restatements	9793-95									
Ending Balance	9790	(\$0)	(\$0)		(\$0)	8481.51%	(\$0)	-72.35%	(\$0)	761.46%

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru October 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
Components of Ending Fund Balance (Budget):										
a.	Nonspendable									
	Revolving Cash 9711									
	Stores 9712									
	Prepaid Expenditures 9713									
	All Others 9719									
	General Reserve 9730									
b.	Restricted 9740									
c.	Committed - Stabilization Arrangements 9750									
	Committed - Other 9760									
d.	Assignments 9780									
e.	Unassigned/Unappropriated									
	Reserve for Economic Uncertainties 9789									
	Undesignated / Unappropriated Amount 9790									
		(\$0)	(\$0)		(\$0)	8481.51%	(\$0)	-72.35%	(\$0)	761.46%
Economic Uncertainty and Unappropriated Reserve Percentage (9789+9790/Ttl Exp)		0%	0%		0%		0%		0%	

DESCRIPTION	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
ASSUMPTIONS UNRESTRICTED PROGRAMS:						
LIST FEDERAL GRANT PROGRAMS						
1 NCLB TITLE I - BASIC GRANT	148,400		178,080	20.00%	180,000	1.08%
2 Child Nutrition - Federal	255,487		306,584	20.00%	325,000	6.01%
3						
4						
5						
6						
7						
8						
9						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN FEDERAL ABOVE	\$403,887		\$484,664	20.00%	\$505,000	4.20%
Lottery PROP 20 Restricted Allocation per ADA						
	31		31	0.00%	31	0.00%
Lottery Estimated PROP 20 Restricted Award						
	\$20,890		\$21,532	3.07%	\$22,341	3.76%
LIST RESTRICTED STATE GRANT AND ENTITLEMENT PROGRAMS						
1 Child Nutrition - State	18,000		21,600	20.00%	25,000	15.74%
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN OTHER STATE REVENUE ABOVE	\$18,000		\$21,600	20.00%	\$25,000	15.74%
LIST RESTRICTED LOCAL AWARD PROGRAMS						
1 Child Nutrition - Local	7,500		8,500	13.33%	9,500	11.76%
2						
3						
4						
5						
TOTAL AWARDS BUDGETED MUST AGREE WITH VALUE IN LOCAL REVENUE ABOVE	\$7,500		\$8,500	13.33%	\$9,500	11.76%

CHARTER NAME: Norton Space and Aeronautics Academy
 CDS # 36103630115808
 CHARTER # 903

REPORT PERIOD FIRST INTERIM 10/31/2013

1ST INTERIM SUMMARY
 2013-14 through 2015-16

DESCRIPTION		Adopted Budget 2013-14	Latest Revised Budget 2013-14	Interim Actual thru OCTOBER 31 2013-14	Projected Budget 2013-14	Percent of Change	Projected Budget 2014-15	Percent of Change	Projected Budget 2015-16	Percent of Change
REVENUES										
LCFF/REVENUE LIMIT SOURCES										
LCFF	8011	0	0	0	3,815,991		4,184,896		4,614,973	
EPA	8012	557,459	557,459	0	508,508		508,508		508,508	
STATE AID GENERAL PURPOSE	8015	2,841,683	2,841,683	0	This revenue line item was rolled into LCFF					
GENERAL PURPOSE PRIOR YEAR	8019			0						
IN LIEU PROPERTY TAXES	8096	0	0	0	0		0		0	
FEDERAL	8290	403,887	403,887	0	403,887	0.00%	484,664	20%	505,000	4.20%
STATE										
LOTTERY - UNRESTRICTED	8560	80,660	80,660	0	84,908	5.27%	87,515	3%	90,805	3.76%
LOTTERY - PROP 20 - RESTRICTED	8560	19,514	19,514	0	20,890	7.05%	21,532	3%	22,341	3.76%
ECONOMIC IMPACT AID	8590	271,901	271,901	0	This revenue line item was rolled into LCFF					
CATEGORICAL BLOCK GRANT	8590	0	0	0	This revenue line item was rolled into LCFF					
OTHER STATE REVENUE	8590	223,632	223,632	0	18,000	-91.95%	21,600	20%	25,000	15.74%
LOCAL										
INTEREST	8660	0	0	0	0		0		0	
OTHER LOCAL REVENUES	8699	186,880	186,880	0	31,400	-83.20%	8,500	-73%	9,500	11.76%
AB602 LOCAL SPECIAL EDUC TRF	8792	404,703	404,703	0	404,703	0.00%	485,643	20%	582,772	20.00%
REVENUE TOTALS		\$4,990,319	\$4,990,319	\$0	\$5,288,287	5.97%	\$5,802,858	10%	\$6,358,899	9.58%
EXPENDITURES										
Certificated Salaries	1000	1,977,437	1,977,437	0	1,977,437	0%	2,016,986	2%	2,057,325	2%
Classified Salaries	2000	847,111	847,111	0	847,111	0%	864,053	2%	881,335	2%
Benefits	3000	806,602	806,602	0	806,602	0%	822,734	2%	839,189	2%
Books & Supplies	4000	538,423	538,423	0	538,423	0%	549,191	2%	560,175	2%
Contracts & Services	5000	737,562	737,562	0	737,562	0%	752,314	2%	767,360	2%
Capital Outlay	6000	287,019	287,019	0	287,019	0%	292,760	2%	298,615	2%
Other Outgo	7000	0	0	0	0		0		0	
Debt Service (see Debt Form)	7400	86,096	86,096	0	86,096	0%	87,818	2%	89,574	2%
Total Expenditures		\$5,280,250	\$5,280,250	\$0	\$5,280,250	0.00%	\$5,385,855	2.00%	\$5,493,572	2.00%
EXCESS (DEFICIENCY OF REVENUES OVER EXPENDITURES)		(\$289,932)	(\$289,932)	\$0	\$8,036	-102.77%	\$417,003	5089.03%	\$865,327	107.51%
OTHER SOURCES & USES										
Other Sources	8900	364,957	364,957	0	5,124	-99%	144,633	2723%	249,761	73%
Other Uses	7600	0	0	0	5,124		544,633	10529%	1,049,761	93%
Net Sources & Uses		\$364,957	\$364,957	\$0	\$0		(\$400,000)		(\$800,000)	100.00%
NET INCREASE (DECREASE) IN FUND BALANCE		\$75,025	\$75,025	\$0	\$8,036	-89.29%	\$17,003	111.58%	\$65,327	284.21%
FUND BALANCE, RESERVES										
Beginning Balance	9791	453,001	453,001		453,001	0.00%	461,037	1.77%	478,040	3.69%
Adjustments for Unaudited Actuals	9792		0		0					
Adjustments for Audit and/or Restatements	9793-95		0		0					
Ending Balance	9790	\$528,026	\$528,026		\$461,037	-12.69%	\$478,040	3.69%	\$543,366	13.67%
Components of Ending Fund Balance (Budget):										
a. Nonspendable										
Revolving Cash	9711	0	0		0		0		0	
Stores	9712	0	0		0		0		0	
Prepaid Expenditures	9713	0	0		0		0		0	
All Others	9719	0	0		0		0		0	
General Reserve	9730	0	0		0		0		0	
b. Restricted	9740	0	0		0		0		0	
c. Committed - Stabilization Arrangements	9750	0	0		0		0		0	
Committed - Other	9760	0	0		0		0		0	
d. Assignments	9780	0	0		0		0		0	
e. Unassigned/Unappropriated										
Reserve for Economic Uncertainties	9789	528,026	528,026		461,037	-13%	478,040	4%	543,367	14%
Undesignated / Unappropriated Amount	9790	(\$0)	(\$0)		(\$0)	-20%	(\$0)	107%	(\$1)	170%
Economic Uncertainty and Unappropriated Reserve Percentage (9789+9790/TII Exp)		10%	10%		9%	-13%	8%	-8%	8%	3%

		July	%	August	%	September	%	October	%	November	%	December	%	January	%
	July 1 Cash =	Actuals	Bud	Actuals	Bud	Actuals	Bud	Actuals	Bud	Estimated	Bud	Estimated	Bud	Estimated	Bud
Beginning Cash Balance	July 1 Cash =	453,001		520,010		376,321		925		221,927		132,854		186,781	
REVENUE															
LCFF/REVENUE LIMIT SOURCES															
LCFF	8011			599,241	16%	339,827	1082%	288,882	8%	305,279	8%	305,279	8%	305,279	8%
EPA	8012													127,127	25%
STATE AID GENERAL PURPOSE	8015														
GENERAL PURPOSE PRIOR YEAR	8019														
IN LIEU PROPERTY TAXES	8096														
FEDERAL	8100-8299	10,987	3%					36,106	9%			40,000	10%		
STATE															
LOTTERY	8560	17,410	21%					11,469	14%					12,000	14%
LOTTERY - PROP 20 RESTRICTED	9560	3,022	14%					12,328						1,000	
CATEGORICAL BLOCK GRANT	8590														
ECONOMIC IMPACT AID	8590														
OTHER STATE REVENUE	8300-8599	(89)	0%					2,898	16%			3,000	17%		
LOCAL															
INTEREST	8660														
AB602 LOCAL SPECIAL EDUC TRF	8792					81,171	259%					100,000	25%		
OTHER LOCAL REVENUES	8600-8799			1,623	5%	2,742	9%	2,459	8%	5,000	16%	5,000	16%		
TOTAL REVENUES		31,329	1%	600,864	11%	423,740	8%	354,143	7%	310,279	6%	453,279	9%	445,406	8%
EXPENDITURES															
CERTIFICATED SALARIES	1000-1999	163,629	8%	184,184	9%	184,184	9%	177,045	9%	158,549	8%	158,549	8%	158,549	8%
CLASSIFIED SALARIES	2000-2999	73,369	9%	78,382	9%	81,631	10%	86,208	10%	65,940	8%	65,940	8%	65,940	8%
EMPLOYEE BENEFITS	3000-3999	64,083	8%	70,368	9%	70,368	9%	72,455	9%	66,166	8%	66,166	8%	66,166	8%
BOOKS & SUPPLIES	4000-4999	22,706	4%	97,400	18%	81,321	15%	38,484	7%	37,314	7%	37,314	7%	37,314	7%
SERVICES/OPERATING EXP	5000-5999	69,515	9%	49,215	7%	60,026	8%	64,732	9%	61,759	8%	61,759	8%	61,759	8%
CAPITAL OUTLAY	6000-6599	219,480	76%	265,004	92%	379,906	132%	(314,590)	-110%						
OTHER OUTGO	7100-7299														
DEBT SERVICE	7400-7499					299	0%	8,805	10%	9,624	11%	9,624	11%	9,624	11%
TOTAL EXPENDITURES		612,782	12%	744,552	14%	857,736	16%	133,141	3%	399,353	8%	399,353	8%	399,353	8%
OTHER SOURCES/USES															
OTHER SOURCES	8900														
OTHER USES	7600														
TOTAL OTHER SOURCES/USES		-		-		-		-		-		-		-	
PRIOR YEAR TRANSACTIONS															
ACCOUNTS RECEIVABLE	9210	648,462				58,600									
PREPAID EXPENDITURES	9330														
ACCOUNTS PAYABLE	9510														
LINE OF CREDIT PAYMENTS	9640														
DEFERRED REVENUE	9650														
NET PRIOR YEAR TRANSACTIONS		648,462		-		58,600		-		-		-		-	
OTHER ADJUSTMENTS (LIST)															
TOTAL MISC. ADJUSTMENTS		-		-		-		-		-		-		-	
NET REVENUES LESS EXPENDITURES		67,009		(143,688)		(375,396)		221,002		(89,073)		53,927		46,054	
ENDING CASH BALANCE		520,010		376,321		925		221,927		132,854		186,781		232,834	

	February Estimated	% Bud	March Estimated	% Bud	April Estimated	% Bud	May Estimated	% Bud	June Estimated	% Bud	Estimated Accrual	Total	Projected Budget	Difference
Beginning Cash Balance	232,834		181,761		192,688		281,741		187,668		241,594	418,099		
REVENUE														
LCFF/REVENUE LIMIT SOURCES														
LCFF	305,279	8%	305,279	8%	305,279	8%	305,279	8%	305,279	8%	145,807	3,815,991	3,815,991	(0)
EPA					127,127	25%					254,254	508,508	508,508	-
STATE AID GENERAL PURPOSE												-	-	-
GENERAL PURPOSE PRIOR YEAR												-	-	-
IN LIEU PROPERTY TAXES												-	-	-
FEDERAL	40,000	10%			40,000	10%			40,000	10%	196,794	403,887	403,887	0
STATE														
LOTTERY					12,000	14%					32,029	84,908	84,908	0
LOTTERY - PROP 20 RESTRICTED					1,000						3,540	20,890	20,890	0
CATEGORICAL BLOCK GRANT												-	-	-
ECONOMIC IMPACT AID												-	-	-
OTHER STATE REVENUE	3,000	17%			3,000	17%			3,000	17%	3,191	18,000	18,000	(0)
LOCAL														
INTEREST												-	-	-
AB602 LOCAL SPECIAL EDUC TRF			100,000	25%					100,000	25%	23,532	404,703	404,703	(0)
OTHER LOCAL REVENUES			5,000	16%					5,000	16%	4,577	31,400	31,400	(0)
TOTAL REVENUES	348,279	7%	410,279	8%	488,406	9%	305,279	6%	453,279	9%	663,724	5,288,287	5,288,287	(1)
EXPENDITURES														
CERTIFICATED SALARIES	158,549	8%	158,549	8%	158,549	8%	158,549	8%	158,549	8%		1,977,437	1,977,437	0
CLASSIFIED SALARIES	65,940	8%	65,940	8%	65,940	8%	65,940	8%	65,940	8%		847,111	847,111	(0)
EMPLOYEE BENEFITS	66,166	8%	66,166	8%	66,166	8%	66,166	8%	66,166	8%		806,602	806,602	(0)
BOOKS & SUPPLIES	37,314	7%	37,314	7%	37,314	7%	37,314	7%	37,314	7%		538,423	538,423	0
SERVICES/OPERATING EXP	61,759	8%	61,759	8%	61,759	8%	61,759	8%	61,759	8%		737,563	737,562	(0)
CAPITAL OUTLAY											(262,781)	287,019	287,019	(0)
OTHER OUTGO												-	-	-
DEBT SERVICE	9,624	11%	9,624	11%	9,624	11%	9,624	11%	9,624	11%		86,095	86,096	0
TOTAL EXPENDITURES	399,353	8%	399,353	8%	399,353	8%	399,353	8%	399,353	8%	(262,781)	5,280,250	5,280,250	(0)
OTHER SOURCES/USES														
OTHER SOURCES											5,124	5,124	5,124	-
OTHER USES											5,124	5,124	5,124	-
TOTAL OTHER SOURCES/USES	-		-		-		-		-		-	-	-	-
PRIOR YEAR TRANSACTIONS														
ACCOUNTS RECEIVABLE												707,062		
PREPAID EXPENDITURES												-		
ACCOUNTS PAYABLE											750,000	750,000		
LINE OF CREDIT PAYMENTS												-		
DEFERRED REVENUE												-		
NET PRIOR YEAR TRANSACTIONS	-		-		-		-		-		(750,000)	(42,938)		
OTHER ADJUSTMENTS (LIST)														
TOTAL MISC. ADJUSTMENTS	-		-		-		-		-		-	-	-	-
NET REVENUES LESS EXPENDITURES	(51,073)		10,927		89,054		(94,073)		53,927		176,505	(34,901)		
ENDING CASH BALANCE	181,761		192,688		281,741		187,668		241,594		418,099			

Charter School Attendance

CH/BG Elementary and Union High Sponsor
 CH/U/BG/Unified School District Sponsor

Name: Norton Space and Aeronautics Academy
 Charter 903

1st Interim ADA Report

ADA Summary

Sponsoring School District: San Bernardino Office of Edu

Non Classroom Funding Determination Rate* 0%

Resident ADA

				Line	Adopted Budget Est	Revised Budget	1st Interim Projected Budget
A	1.	a.	Kindergarten	Class (A-1a)	118	118	115
		b.	Kindergarten	Non (A-1b)			
		c.	Kindergarten Special Education	Class (A-1c)			
		d.	Kindergarten Special Education	Non (A-1d)			
		e.	Kindergarten NPS/LCI	Class (A-1e)			
		f.	Kindergarten NPS/LCI	Non (A-1f)			
		q.	Total Resident Kindergarten	(A-1a)	118	118	115
	2.	a.	Grades One - Three	Class (A-2a)	312	312	311
		b.	Grades One - Three	Non (A-2b)			
		c.	Grades 1-3 Special Education	Class (A-2c)			
		d.	Grades 1-3 Special Education	Non (A-2d)			
		e.	Grades 1-3 NPS/LCI	Class (A-2e)			
		f.	Grades 1-3 NPS/LCI	Non (A-2f)			
		q.	Total Resident Grades One - Three	(A-2a)	312	312	311
	3.	a.	Grades Four - Six	Class (A-3a)	197	197	195
		b.	Grades Four - Six	Non (A-3b)			
		c.	Grades 4-6 Special Education	Class (A-3c)			
		d.	Grades 4-6 Special Education	Non (A-3d)			
		e.	Grades 4-6 NPS/LCI	Class (A-3e)			
		f.	Grades 4-6 NPS/LCI	Non (A-3f)			
		q.	Total Resident Grades Four - Six	(A-3a)	197	197	195
	4.	a.	Grades Seven - Eight	Class (A-4a)	24	24	24
		b.	Grades Seven - Eight	Non (A-4b)			
		c.	Grades 7-8 Special Education	Class (A-4c)			
		d.	Grades 7-8 Special Education	Non (A-4d)			
		e.	Grades 7-8 NPS/LCI	Class (A-4e)			
		f.	Grades 7-8 NPS/LCI	Non (A-4f)			
		c.	Total Resident Grades Seven - Eight	(A-4a)	24	24	24

Charter School Attendance

Name: e and Aeronautics Academy

0 CH/BG Elementary and Union High Sponsor

Charter 903

CH/U/BG/Unified School District Sponsor

				Adopted Budget Est	Revised Budget	1st Interim Projected Budget	
Resident ADA continued				Line			
5.	a.	Grades Nine - Twelve	Class	(A-5a)			
	b.	Grades Nine - Twelve	Non	(A-5b)			
	c.	Grades 9-12 Special Education	Class	(A-5c)			
	d.	Grades 9-12 Special Education	Non	(A-5d)			
	e.	Grades 9-12 NPS/LCI	Class	(A-5e)			
	f.	Grades 9-12 NPS/LCI	Non	(A-5f)			
	c.	Total Resident Grades Nine - Twelve		(A-5g)	0	0	0
		Total Resident ADA		B ADA	650	650	645
Non-Resident ADA/and NON-Unified Total ADA							
B	1.	a.	Kindergarten	Class	(B-1a)		
		b.	Kindergarten	Non	(B-1b)		
		c.	Kindergarten Special Education	Class	(B-1c)		
		d.	Kindergarten Special Education	Non	(B-1d)		
		e.	Kindergarten NPS/LCI	Class	(B-1e)		
		f.	Kindergarten NPS/LCI	Non	(B-1f)		
		q.	Total Non-Resident Kindergarten	(B-1g)	0	0	0
	2.	a.	Grades One - Three	Class	(B-2a)		
		b.	Grades One - Three	Non	(B-2b)		
		c.	Grades 1-3 Special Education	Class	(B-2c)		
		d.	Grades 1-3 Special Education	Non	(B-2d)		
		e.	Grades 1-3 NPS/LCI	Class	(B-2e)		
		f.	Grades 1-3 NPS/LCI	Non	(B-2f)		
		q.	Total Non-Resident Grades One - Three	(B-2g)	0	0	0
	3.	a.	Grades Four - Six	Class	(B-3a)		
		b.	Grades Four - Six	Non	(B-3b)		
		c.	Grades 4-6 Special Education	Class	(B-3c)		
		d.	Grades 4-6 Special Education	Non	(B-3d)		
		e.	Grades 4-6 NPS/LCI	Class	(B-3e)		
		f.	Grades 4-6 NPS/LCI	Non	(B-3f)		
		q.	Total Non-Resident Grades Four - Six	(B-3g)	0	0	0

Charter School Attendance	Name: e and Aeronautics Academy
0 CH/BG Elementary and Union High Sponsor	Charter 903
CH/U/BG/Unified School District Sponsor	

			Line	Adopted P-2 Budget Est	Revised Budget	1st Interim Projected Budget
Non-Resident ADA/and NON-Unified Total ADA continued						
4.	a.	Grades Seven - Eight	Class (B-4a)			
	b.	Grades Seven - Eight	Non (B-4b)			
	c.	Grades 7-8 Special Education	Class (B-4c)			
	d.	Grades 7-8 Special Education	Non (B-4d)			
	e.	Grades 7-8 NPS/LCI	Class (B-4e)			
	f.	Grades 7-8 NPS/LCI	Non (B-4f)			
	c.	Total Non-Resident Grades Seven - Eight	(B-4a)	0	0	0
5.	a.	Grades Nine - Twelve	Class (B-5a)			
	b.	Grades Nine - Twelve	Non (B-5b)			
	c.	Grades 9-12 Special Education	Class (B-5c)			
	d.	Grades 9-12 Special Education	Non (B-5d)			
	e.	Grades 9-12 NPS/LCI	Class (B-5e)			
	f.	Grades 9-12 NPS/LCI	Non (B-5f)			
	c.	Total Non-Resident Grades Nine - Twelve	(B-5a)	0	0	0
		Total Resident ADA	B ADA	0	0	0
Total ADA Resident and Non-Resident				C	650	650
					650	645

* ADA for current year is modified by the Funding Determination rate on the Assumptions page if less than 100%. Use this amount in the LCFF calculator and any other ADA based revenue calculations.

DEBT - Multiyear Commitments

Name: Norton Space and Aeronautics Academy

Complete the following table for all significant multiyear commitments for the budget year and the following two years. Clearly identify the number of years remaining and the total remaining principal amount of the commitment, the amount of principal and interest budgeted for the current fiscal year in the following two years. Under Comment Section provide a brief statement for the funding source of the payment.

Type of Commitment	# of Years	Balance July 1, 2013 Principal Only	2013-14 Payment P & I	2014-15 Payment P & I	2015-16 Payment P & I	Object Code
State School Building Loans						
Charter School Start-up Loans						
Other Post Employment Benefits						
Compensated Absences						
Bank Line of Credit Loans						
Municipal Lease						
Capital Leases						
1						
2						
Other						
Other Commitments:						
Comments:						
None						

**SCHOOL COMMITTEE BOARD OF DIRECTORS
OF THE NORTON SPACE AND AERONAUTICS ACADEMY**

RESOLUTION REGARDING THE EDUCATION PROTECTION ACCOUNT

WHEREAS, the voters approved Proposition 30 on November 6, 2012;

WHEREAS, Proposition 30 added Article XIII, Section 36 to the California Constitution effective November 7, 2012;

WHEREAS, the provisions of Article XIII, Section 36(e) create in the state General Fund an Education Protection Account to receive and disburse the revenues derived from the incremental increases in taxes imposed by Article XIII, Section 36(f);

WHEREAS, before June 30th of each year, the Financial Officer shall estimate the total amount of additional revenues, less refunds that will be derived from the incremental increases in tax rates made pursuant to Article XIII, Section 36(f) that will be available for transfer into the Education Protection Account during the next fiscal year;

WHEREAS, if the sum determined by the State Controller is positive, the State Controller shall transfer the amount calculated into the Education Protection Account within ten days preceding the end of the fiscal year;

WHEREAS, all monies in the Education Protection Account are hereby continuously appropriated for the support of school districts, county offices of education, charter schools and community college districts;

WHEREAS, monies deposited in the Education Protection Account shall not be used to pay any costs incurred by the Legislature, the Governor or any agency of state government;

WHEREAS, a community college district, county office of education, school district, or charter school shall have the sole authority to determine how the monies received from the Education Protection Account are spent in the school or schools within its jurisdiction;

WHEREAS, the governing board of the district shall make the spending determinations with respect to monies received from the Education Protection Account in open session of a public meeting of the governing board;

WHEREAS, the monies received from the Education Protection Account shall not be used for salaries or benefits for administrators or any other administrative cost;

WHEREAS, each community college district, county office of education, school district and charter school shall annually publish on its Internet website an accounting of how much money was received from the Education Protection Account and how that money was spent;

WHEREAS, the annual independent financial and compliance audit required of community college districts, county offices of education, school districts and charter schools shall ascertain and verify whether the funds provided from the Education Protection Account have been properly disbursed and expended as required by Article XIII, Section 36 of the California Constitution;

WHEREAS, expenses incurred by community college districts, county offices of education, school districts and charter schools to comply with the additional audit requirements of Article XIII, Section 36 may be paid with funding from the Education Protection Act and shall not be considered administrative costs for purposes of Article XIII, Section 36.

NOW, THEREFORE, IT IS HEREBY RESOLVED:

1. The monies received from the Education Protection Account shall be spent as required by Article XIII, Section 36 and the spending determinations on how the money will be spent shall be made in open session of a public meeting of the governing board of Norton Space and Aeronautics Academy;

2. In compliance with Article XIII, Section 36(e), with the California Constitution, the governing board of the Norton Space and Aeronautics Academy has determined to spend the monies received from the Education Protection Act as attached.

DATED: December 9, 2013.

Ayes: _____

Nays: _____

Absent: _____

NSAA Chairperson

Chief Academic Officer

San Bernardino County, California

Attested Foundation Treasurer

2012-13 Education Protection Account
 Program by Resource Report
 Expenditures by Function - Detail

Norton Space and Aeronautics Academy

Expenditures through: June 30, 2014
For Fund 01, Resource 1400 Education Protection Account

Description	Object Codes	Amount
AMOUNT AVAILABLE FOR THIS FISCAL YEAR		
Adjusted Beginning Fund Balance	9791-9795	0.00
Revenue Limit Sources	8010-8099	606,951.00
Federal Revenue	8100-8299	0.00
Other State Revenue	8300-8599	0.00
Other Local Revenue	8600-8799	0.00
All Other Financing Sources and Contributions	8900-8999	0.00
Deferred Revenue	9650	0.00
TOTAL AVAILABLE		606,951.00
EXPENDITURES AND OTHER FINANCING USES		
(Objects 1000-7999)		
Instruction	1000-1999	606,951.00
Instruction-Related Services		
Instructional Supervision and Administration	2100-2150	0.00
AU of a Multidistrict SELPA	2200	0.00
Instructional Library, Media, and Technology	2420	0.00
Other Instructional Resources	2490-2495	0.00
School Administration	2700	0.00
Pupil Services		
Guidance and Counseling Services	3110	0.00
Psychological Services	3120	0.00
Attendance and Social Work Services	3130	0.00
Health Services	3140	0.00
Speech Pathology and Audiology Services	3150	0.00
Pupil Testing Services	3160	0.00
Pupil Transportation	3600	0.00
Food Services	3700	0.00
Other Pupil Services	3900	0.00
Ancillary Services	4000-4999	0.00
Community Services	5000-5999	0.00
Enterprise	6000-6999	0.00
General Administration	7000-7999	0.00
Plant Services	8000-8999	0.00
Other Outgo	9000-9999	0.00
TOTAL EXPENDITURES AND OTHER FINANCING USES		606,951.00
BALANCE (Total Available minus Total Expenditures and Other Financing Uses)		0.00

