

2007 EDUCATIONAL OUTREACH GRANTS, \$785,452.98

Bernalillo Public Schools \$15,000 to expand the technology and mathematics curricula by improving access for students grades 5-8 to the Intel Computer Clubhouse and implementing a Family Fun Math Night for PreK-5 students and their parents

Bridges Project for Education (Taos) \$15,000* in core operating support to provide college counseling and student-preparedness programs at Mora and Penasco high schools to help send low-income, minority, and first-generation students to college (*year three of multi-year funding awarded in 2005*)

Camino de Paz School (Santa Cruz) \$15,000 to implement a solar energy project in which students will study solar photovoltaic systems, help design and install a school system, and produce educational materials for the general public explaining how it works and the energy savings accrued

Chimayo Valley Boys and Girls Club \$15,000** to develop, implement and evaluate a computer literacy program for elementary school children in the communities of Chimayo and Abiquiu (*first year of multi-year funding awarded in 2007*)

Chimayo Valley Boys and Girls Club \$15,000** to offer the Consistent Repetitive Tutoring of Elementary School Children (CORTES) program for children enrolled in after-school and summer programs (*year three of multi-year funding awarded in 2005*)

Dixon Elementary School \$15,000 to implement a math enrichment initiative to increase student understanding and achievement

Earth Care International (Santa Fe) \$15,000 to support the development of a teacher-training curriculum focusing on environment science and sustainability

Earth Works Institute (Santa Fe) \$15,000 to train science teachers at Charter School 37, El Dorado Elementary School and Turquoise Trail Elementary School using living classrooms in schools and at critical resource restoration sites as an integrating context for staff and student learning

Earth's Birthday Project (Santa Fe) \$15,000* to support Butterfly Classroom 2007, a life-science and computer learning project for 7,500 students in 300 northern New Mexico elementary classrooms (*year three of multi-year funding awarded in 2005*)

Eight Northern Indian Pueblos Council (San Juan Pueblo) \$10,000** to support the Department of Education college bridge programs working to successfully transition northern Pueblo youth from secondary to post-secondary education (*year two of multi-year funding awarded in 2006*)

Eight Northern Indian Pueblos Council (San Juan Pueblo) \$15,000 to assist in the planning and start-up of the Native Institute of Technology Early College (NITEC), a new charter, early college high school which will prepare northern New Mexico youth for careers in the fields of science, technology, engineering and mathematics

Eight Northern Indian Pueblos Council (San Juan Pueblo) \$15,858.32 to fund small STEM initiatives at regional Pueblo day and community schools

Espanola Public Schools \$15,000 to purchase supplies and materials necessary to implement the new district math adoption initiative

Espanola Regional Quality Center \$85,000 to create and sustain infrastructure to support a systems approach to continuous improvement in academic performance at Espanola Public Schools

Espanola Regional Quality Center \$15,000 in core operating support to purchase supplies and materials necessary to support math improvement at Espanola Public Schools

Espanola Valley High School \$12,000 to purchase six sets of hand-held data collection equipment to support inquiry-based instruction in Chemistry, Physical Science and Physics

Espanola Valley High School \$15,000** to give youth a forum and tools to express their feelings about problems they have at home and to share their ideas with the larger community through video production (*year three of multi-year funding awarded in 2005*)

Explora Science Center and Children's Museum (Albuquerque) \$10,000** to provide experiential science education for third through fifth-grade students and their teachers from Title-1 eligible schools in Northern New Mexico (*first year of multi-year funding awarded in 2007*)

Family YMCA (Los Alamos) \$15,000 to support a student information technology center serving youth in the Espanola Valley

Futures for Children (Albuquerque) \$9,000* in core operating support to improve the quality of educational resources to K-12 American Indian students in Jemez and Tesuque Pueblos through mentoring and training (*year two of multi-year funding awarded in 2006*)

Girls Incorporated in Santa Fe \$14,680 to expand the impact of Operation Smart, a program that offers girls (ages 5-18) hands-on activities that give them the opportunity to explore, ask questions and solve problems in science, technology, engineering and mathematics

LANL/NNM Pueblo Elementary Schools Consortium (Española) \$15,000** to purchase supplies for Pueblo elementary school teachers and students to conduct workshops and classroom sessions in math and science (*first year of multi-year funding awarded in 2007*)

Mentoring New Mexico (Santa Fe) \$15,000 in core operating support to implement innovative, gender-specific educational initiatives to improve student basic math skills at Espanola, Pecos, Pojoaque and Santa Fe schools

Multipleminds Educational Foundation (Santa Fe) \$15,000 to deliver an inquiry and technology-based after-school program enabling high school Espanola youth to develop their scientific and digital media communications skills and value the role of science and technology in improving quality of life in the 21st century through engagement in scientific research, analyses, synthesis, and formulation of alternatives in the format of a science movie documentary

New Mexico Adventures in Supercomputing Challenge (Albuquerque) \$10,000** to enable teams from Northern New Mexico to participate in the Student Project Expo and Awards Ceremony where they are able to present their computational science projects, receive feedback from scientists, and celebrate their program participation (*first year of multi-year funding awarded in 2007*)

New Mexico Adventures in Supercomputing Challenge (Albuquerque) \$15,000 to enable teachers from Northern New Mexico to attend the 2008 Summer Teacher Institute, a professional development workshop for middle and high school teachers in computational science

New Mexico Community Education Association (Taos) \$15,000 to boost region-wide performance on 6th and 7th grade Earth Science Benchmark Standards through science teacher certification in Permaculture Design and Service Learning

NM MESA, Inc. (Albuquerque) \$10,000* in core operating funding to support pre-college programs at 24 Northern New Mexico middle and high schools (*year three of multi-year funding awarded in 2005*)

Northern New Mexico College (Española) \$10,000** to support the Engineering and Technology Academy Bridge Program that allows high school students to concurrently enroll in science/technology classes, participate in IT internships, and get an early start on engineering and technology degree programs (*year two of multi-year funding awarded in 2006*)

Northern New Mexico College (Española) \$12,670 to establish a Smart Laboratory for teaching introductory courses in anatomy, physiology, and biological sciences using state-of-the-art digital and web-based teaching technology

Northern New Mexico College (Española) \$13,245 to develop student learning outcomes, design program level assessments and produce baseline student learning in STEM-related areas

Northern New Mexico College (Española) \$15,000 to provide teacher education students with state-of-the-art instructional technology in order to improve the effectiveness of teaching STEM content

Northern New Mexico Math and Science Academy (Española) \$85,000 in core operating support to continue a 10-year partnership with LANL and the Foundation to improve math and science in regional schools through teacher training

Pecos Independent Schools \$15,000** to fund a science/math coach who will conduct hands-on outdoor learning and supervise the district science fair while integrating math concepts into curriculum (*first year of multi-year funding awarded in 2007*)

Pecos Independent Schools \$15,000 to fund technology-supported instruction for teachers in basic technology literacy and advanced instructional methods

Pojoaque Valley High School \$15,000 to equip science laboratories with up-to-date biotechnology and microbiology equipment as well as offer relevant professional development

Rio Grande Globe Partnership (Los Alamos) \$15,000 in core operating support to create a hands-on, inquiry-based environmental study program funded by the National Science Foundation to enrich standards-based math and science education curricula

Rivers and Birds (Arroyo Seco) \$15,000** to support the Watershed Learning Project, a hands-on outdoor science program for four public school fifth-grade classes (*first year of multi-year funding awarded in 2007*)

Rocky Mountain Youth Corps (Taos) \$15,000* in core operating support to provide meaningful community service opportunities for youth ages 16-25 from underserved communities in Northern New Mexico (*year three of multi-year funding awarded in 2005*)

Sangre de Cristo Girl Scouts Council (Santa Fe) \$15,000** to support a year-long literacy project which weaves together illustration, writing, story-telling, broadcasting, and technology in programming aimed at girls ages 6-13 who are from underserved areas including public housing and after-school programs in Espanola, Las Vegas, Santa Fe and Taos (*year two of multi-year funding awarded in 2006*)

Santa Cruz Irrigation District \$15,000 in matching funds for a preliminary engineering and sediment sampling analysis and project management plan for the dredging/restoration of the Santa Cruz Reservoir by the U.S. Army Corps of Engineers

Santa Fe Children's Museum \$10,000 to support a science program that involves children, teachers and parents in the scientific process, promotes the exploration and conservation of nature, and nurtures children's involvement in scientific discovery

Santa Fe Institute \$12,000 to provide after-school transportation and funding for a Project GUTS middle school student conference held in conjunction with the Supercomputing Challenge's Expo Day at Los Alamos National Laboratory

Santa Fe Science Initiative \$15,000** in core operating support to continue to expand the reach of improved inquiry science instruction in Santa Fe elementary schools (*first year of multi-year funding awarded in 2007*)

SER Jobs for Progress (Santa Fe) \$10,000** in core operating support to provide quality childcare for SFPS teen parents as they complete their high school education and GED (*year three of multi-year funding awarded in 2005*)

St. Vincent Hospital Foundation (Santa Fe) \$7,500** to support the Healthcare Career Development Institute, a summer educational program designed to introduce qualifying 9th and 10th grade students to nursing and medical technician careers (*year two of multi-year funding awarded in 2006*)

Strengthening Quality in Schools (Albuquerque) \$15,000 to build a Baldrige pilot district and demonstration schools at Los Alamos Public Schools to continuously improve systems performance and academic achievement in math

Strengthening Quality in Schools (Albuquerque) \$15,000 to build a Baldrige pilot district and demonstration schools at Pojoaque Valley Schools to continuously improve systems performance and academic achievement in math

UNM-Los Alamos \$10,000** to support the Transition to Success Summer Bridge Program providing high school and GED graduates tuition (up to 8 credit hours), books fees, tutoring and mentoring as a bridge to higher education (*year two of multi-year funding awarded in 2006*)

UNM-Taos Adult Basic Education and the Family Resource Center \$7,500** to create a community bridge for low-income residents of Taos County to transition from adult basic education to higher education (*year two of multi-year funding awarded in 2006*)

Vecinos del Rio (San Juan Pueblo) \$15,000 to substantially improve the Mesa Prieta Petroglyph Project by expanding scientific issues addressed in the Summer Youth Internship as well as curriculum (for 4th-9th grades) with enhanced and innovative science, math and technology learning experiences

YouthWorks! (Santa Fe) \$15,000 to implement Street Science, a hands-on math and science service learning program for high-risk students who are involved in the juvenile justice system or who have dropped out of school

* Three-year grants accrued in 2005 and 2006

** Three-year grants awarded in 2005, 2006, and 2007