



HEALTH SCIENCES

**OFFICE FOR DIVERSITY,
EQUITY & INCLUSION**



**UNM STEM-H Center for
Outreach, Research & Education**

ANNUAL REPORT

2017-2018

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Mission

The UNM STEM-H Center advances STEM-H teaching and learning through outreach, research, and education programs, services, & resources.

Our mission is accomplished by, but not limited to...

- Developing strategic STEM-H education focused partnerships and collaborations among UNM faculty/staff and within the community (public-private) to increase and sustain engagement as well as create opportunities to increase
- Developing, facilitating, and/or coordinating innovative STEM-H Educator Professional Development opportunities
- Developing, facilitating, and/or coordinating STEM-H focused student learning opportunities (workshops, etc.)
- Administering the highest quality STEM-H focused academic competitions for 4th-12th grade students
- Engaging in STEM-H education focused policy research and advocacy

Vision

We are a **recognized leader** in the STEM-H teaching & learning community in New Mexico and beyond.

- We serve as a key player in the **coordination** of University of New Mexico STEM-H external outreach activities in order to support the University as well as the community in its efforts to collectively reach key system-wide STEM-H education goals including significantly increasing the recruitment, retention, and graduation of STEM-H majors.
- We provide a **comprehensive center** for STEM-H education resources, outreach programs, and support services.
- We are a **hub** for dissemination of information regarding STEM-H teaching and learning best practices and innovation.
- We facilitate the **cultivation** and **support** of strategic STEM-H education focused **collaborations** & **partnerships**.

Team Values

We operate with a sense of **PURPOSE** and the desire to leave a lasting **LEGACY** in the field of STEM-H education.

- We operate, at all times, with **INTEGRITY** and **COURTESY**.
- We conduct our business in the spirit of **COOPERATION**.
- We are open to **CHANGE**, encourage **CREATIVITY**, and strive for **INNOVATION**.
- We are **ACCOUNTABLE** for our actions and are **COMMITTED** to the mission of the organization.
- We are **DEPENDABLE** and **COMPETENT**. Our team members, as well as our constituents, know we will deliver what we promise.
- We value **WISDOM** gathered through experience, seek to instill **PASSION** in our work, and act with **COURAGE** as we strive to fulfill our mission and work toward our vision on a daily basis.

From the Director



As I close out my 16th year as Director of this amazing organization, after all these years, there is still much ongoing discussion on a national level regarding that fact that U.S. students continue to lag behind those in other countries, especially in math and science. Employers attest to the fact that there are too few minority & female graduates in the pool of available STEM-H talent and NM is not producing enough STEM-H post-secondary graduates to fill the available jobs. Gains in STEM-H & STEM-H related career readiness is dependent upon providing students with in-depth, meaningful (& real-world connected) STEM-H learning opportunities and also upon providing STEM-H educators with high quality professional development. According to the Winter 2018 Regional Review of the NM labor market, “employment in STEM or STEM-related occupations is projected to grow by 10.3 percent in New Mexico from 2014 to 2024, compared to 7.3 percent for employment in non-STEM and non-STEM-related occupations and 7.7 percent for the all-occupation average. While STEM occupations alone are projected to grow by only 5.4 percent, STEM-related occupations are projected to grow by 15.1 percent, which bolsters the combined STEM or STEM-related category.” We have more work to do!

It takes a team to make the STEM-H Center successful in its efforts to advance STEM-H education in Central NM and beyond! Without our corporate and individual partners, the STEM-H Center would not be able to continue to offer successful programs for students, educators, and the community as well as work on the development of meaningful strategic collaborations/ partnerships and the forward momentum needed in STEM-H education on the state/national policy fronts.

I continue to be amazed by the number of individuals and organizations connected to the STEM-H Center and its programs/services. I am constantly reminded by our students and alums that what we do, as a team, makes a difference in their lives...many times solidifying their decisions to pursue careers in STEM-H fields. If you are already one of our partners, thank you! If you have not joined our team yet, please join us as we work to ensure success in the future!

Karen M. Kinsman, MS, PMP, Director of Strategic Projects/Senior Program Manager

From the Advisory Council

The UNM STEM-H Advisory Council reflects a robust and diverse group of community members, leaders in business/industry, and educators united in our common desire to build a vibrant STEM-H learning framework for New Mexico’s students. Our children’s future success is dependent upon building their literacy in science, technology, engineering and math. Our goal is to provide opportunities along with incentives to students to be challenged and grow their knowledge. With the continuing frustrations of slow economic growth and rising college tuition costs, we need to continue our outreach, especially to those who are underserved or underrepresented in STEM fields. STEM concepts and the vastness of STEM-H career paths need to be introduced early and often throughout the education pipeline to ensure students not only have strong STEM content knowledge, but also develop critical 21st Century skills along with an awareness of the breadth of careers open to them. This will help students prepare for success in their post-secondary education pursuits as well as position them to take advantage of the many scholarship opportunities that exist for strong STEM-H career interested students.

In recent years, the STEM-H Center has extended the UNM STEM-H Research Challenge competition, in particular, to include students down to the 4th grade and continue to reach out to our public, charter, private, parochial, and homeschools in the region. The rapid growth of new technology also presents many new areas of research and problems for active minds to consider. These students are, after all, our future! Helping parents, students, and educators overcome a lack of familiarity with these tried and true ways of solving real-world problems is fundamental to the mission and vision of the UNM STEM-H Center.

About UNM



Founded in 1889 as New Mexico's flagship institution, The University of New Mexico now occupies nearly 800 acres near old Route 66 in the heart of [Albuquerque](#), a metropolitan area of more than 500,000 people. From the magnificent mesas to the west, past the banks of the historic Rio Grande to the Sandia Mountains to the east, Albuquerque is a blend of culture and cuisine, styles and stories, people, pursuits and panoramas. Offering a distinctive campus environment with a Pueblo Revival architectural theme, the campus

buildings echo nearby Pueblo Indian villages.

As a Hispanic-Serving Institution, the University represents a cross-section of cultures and backgrounds. In fall of 2015 34,656 students, attended the main, branch and HSC campuses and education centers.

UNM boasts an outstanding faculty that includes a Nobel Laureate, two MacArthur Fellows, 35 Fulbright scholars and several members of national academies. Faculty publish in many professional journals including Scientific American, The New England Journal of Medicine and Nature. UNM professors have been quoted in Newsweek, Los Angeles Times, Business Week, People Magazine, Parade Magazine, U.S. News and World Report, and The New Yorker, among others. They have shared their expertise on CNN, the Today Show, Good Morning America, Nova National Geographic and other news shows.

UNM employs more than 27,000 people statewide, including employees of [University Hospital](#). It has more than 159,000 active alumni, with Lobos in every state and more than 1,400 alumni outside the U.S. More than half of UNM's alumni choose to remain in New Mexico.

[UNM's libraries, museums](#), galleries and performance spaces are a rich cultural resources for the state. Home to the [Lobos](#) and contenders in the Mountain West Conference, UNM athletics draw fans from all over. The University Arena or "The Pit" is one of college basketball's most famous and recognizable buildings. In fact, The Pit was ranked 8th by USA Today as one of the best arenas in which to watch college basketball.

UNM is a place where cutting-edge research and creative endeavors flourish. UNM research injects millions of dollars into New Mexico's economy, funds new advancements in healthcare, and augments teaching - giving students valuable hands-on training in state-of-the art laboratories.

The Health Sciences Center is the state's largest integrated health care treatment, research and education organization. U.S. News and World Report's 2015 edition of "America's Best Graduate Schools" ranks the [UNM School of Medicine](#) 40th in primary care and 83rd in research, while specific areas also rank again among the top 10 - [Rural Medicine](#), second, and [Family Medicine](#), ninth. Additionally, in health disciplines, UNM's [Nursing/Midwifery Program](#) is ranked fifth. [UNM School of Law](#) is ranked 72nd, while ranking 9th in clinical training. [UNM College of Fine Arts](#) is ranked 53rd, with its [Photography program](#) ranked 5th in the nation. The engineering program is ranked 87th nationally, with [Electrical Engineering](#) coming in at 53rd, and [Chemical Engineering](#) ranking at 58th.

UNM is the only Hispanic-Serving Institution in the U.S. that is also classified a Carnegie Research University with Very High Activity. Recently, Hispanic Business Magazine ranked four University schools among the top 10. The list included: UNM School of Law, 7th; UNM [Anderson School of Management](#), 4th; UNM School of Medicine, 7th; and the UNM [School of Engineering](#), 6th.

Among the University's outstanding research units are the [Center for Advanced Research Computing](#), [Cancer Center](#), New Mexico Engineering Research Institute, [Center for High Technology Materials](#), [Design Planning Assistance Center](#), and the [Mind Research Network](#).

General information regarding the University of New Mexico obtained from the UNM website at <http://www.unm.edu/welcome/about/index.html>.

Outreach

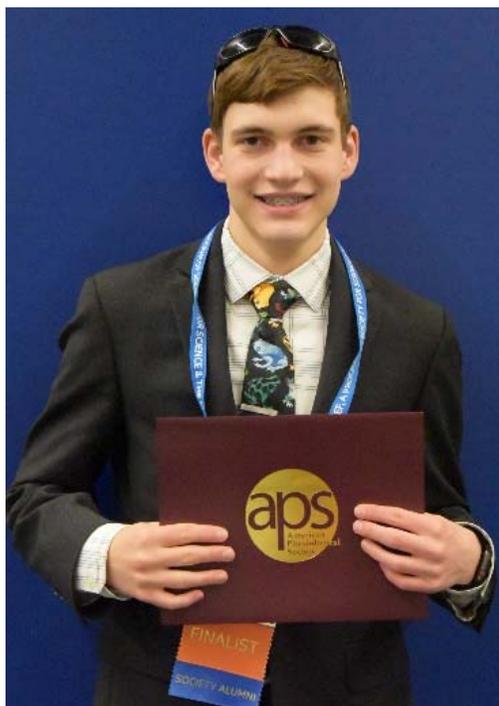
RESEARCH CHALLENGE

“Science Fairs” go back to at least 1928, when the American Institute of New York City first held one for city youths at the Museum of Natural History. In 1950, science fairs went under the auspices of Science Service, a non-profit institution. It became international in 1960.

The *Central NM Science & Engineering Research Challenge* has served students, teachers, and parents since 1959. Science fairs clearly require students to research and demonstrate scientific principles or answer propositions through the development of the scientific or engineering method.



Central NM Science & Engineering Research Challenge is a two-division (junior division for middle school students and senior division for high school students), fourteen category, regional student competition of science and engineering projects. The *Central NM Science & Engineering Research Challenge* qualifies students to participate in the State Science Fair and sends top qualifying students to the Intel International Science & Engineering Fair, the world’s largest pre-college research competition.



For the well-being of the United States, this nation needs to play a significant role in scientific research and development, and in the specialized educational training required for such research and development. Our nation may be in the process of abandoning its leadership role in science. There is a foreseeable future shortage of manpower to complete such research and development. To “turn the tide,” America must address this foreseeable shortcoming by increasing student interest in the various STEM-H fields by promoting those fields as feasible academic and career choices. “Science Fair” and other related STEM-H inquiry-based research competitions encourage curiosity, which is the start of the discovery process. Research competitions reward discovery and innovation as well as promoting creativity through the discovery of new problems, inventions, ideas, and solutions.

The Regional competition serves students and science teachers, grades 6 - 12. Over 10,000 students in the Central region participate in local school competitions. Schools then qualify students to move on to the Regional level. Nearly 500 4th through 12th grade students participated in the *2018 Central NM Science & Engineering Research Challenge and the 4th & 5th Grade Research Expo*.

As an Intel International Science & Engineering Fair Affiliated Fair, the *Central NM Science & Engineering Research Challenge* sends a pre-determined number of projects to ISEF as competing Finalists and up to two top 8th grade student researchers to ISEF as Student Observers each year. From our ISEF Finalist delegation in 2018, **Lien Tang**, Manzano High School, placed 2nd in **Biomedical & Health Sciences**, **Rusty Ludwigsen**, APS Early College Academy, placed 3rd in **Cellular & Molecular Biology**, and **Skyler Hughes**, ABQ Institute of Mathematics & Science, placed 4th in **Engineering Mechanics**. **Rusty Ludwigsen** also received a \$500 Special Award from the American Physiological Society.



SCIENCE OLYMPIAD



Science Olympiad is an international nonprofit organization devoted to improving the quality of science education, increasing student interest in science and providing recognition for outstanding achievement in science education by both students and teachers. These goals are accomplished through classroom activities, research, training workshops and the encouragement of intramural, district, regional, state and national tournaments. Science Olympiad tournaments are rigorous academic interscholastic competitions that consist of a series of individual and team events, which students prepare for during the year. The competitions follow the format of popular board games, TV shows and athletic games. These challenging and motivational events are well balanced between the various science disciplines of biology, earth science, chemistry, physics, computers and technology. There is also a balance between events requiring knowledge of science facts, concepts, processes, skills and science applications. One of the goals of Science Olympiad is to elevate science education and learning to a level of enthusiasm and support that is normally reserved only for varsity sports programs.

In 2018, the *Central NM Science Olympiad* offered **44 events** and had **23 volunteer Event Supervisors and Event Assistants**

In 2018, two of *Central NM Science Olympiad's* teams won the NM State Science Olympiad and went on to compete at the National Tournament in May 2018

from UNM School of Engineering, Presbyterian, UNM Hospital, UNM Biology Department, Sandia Labs, National Weather Service, Transcore, Carrington College, Bridgers & Paxton, and more. There were a total of **18 competing teams from 12 middle and high schools** in the region.

The **Albuquerque Area Homeschoolers** represented New Mexico in both the middle and high school divisions at the National Science Olympiad Tournament in Fort Collins, CO where they competed against 59 other teams. The high school team won **1st Place in Herpetology**. The middle school team won **2nd Place in Wright Stuff**, and **4th Place in Mystery Architecture**.



1st Place in the Helicopters event and 6th Place in Anatomy & Physiology, 2nd Place in Wright Stuff, and 4th Place in Mystery Architecture.

JUNIOR SCIENCE & HUMANITIES SYMPOSIUM



The UNM STEM-H Center took on management of the *Southwest Region Junior Science & Humanities Symposium (JSHS)* in 2013-2014 and continued to engage in efforts to grow the program over the next several years. The southwest region includes all of New Mexico, Southern Colorado and northwest Texas (El Paso).

The *Junior Science & Humanities Symposium* is a national competition program designed to challenge and engage students (Grades 9-12) in science, technology, engineering or mathematics (STEM). Individual students compete for scholarships and recognition by presenting the results of their original research efforts before a panel of judges and an audience of their peers. Opportunities for hands-on workshops, panel discussions, career exploration, research lab visits and networking are planned. By participating in regional and national symposia, students may...

- Participate in a forum honoring individual achievement in STEM;
- Qualify for significant scholarships and other recognition;
- Network to enrich understanding of STEM pursuits beyond high school;
- Advance in statewide, regional, national and international symposia;
- Develop skills to help prepare for undergraduate and graduate pursuits -- skills in the application of science content to solve a problem or to gain new knowledge, writing a paper, and communicating results.

JSHS is a collaborative effort with the research arm of the Department of Defense and administered in cooperation with nationwide colleges and universities. JSHS aims to prepare and support students to contribute as future scientists and engineers -- conducting STEM research on behalf of or directly for the Department of Defense, the Federal research laboratories, or for the greater good in advancing the nation's scientific and technological progress.

In 2018, the *SW Region Junior Science & Humanities Symposium* hosted **15 students** from **12 schools** at the onsite level of the competition. Five students qualified to compete at the **2018 JSHS National Competition** - **Lillian Peterson, Los Alamos High School, Rusty Ludwigsen, APS Early College Academy, AnaMaria Perez, Albuquerque Academy, Lien Tang, Manzano High School, and Jen Marie Phifer, Los Lunas High School.**



Education *(K-12 STEM-H Educator focus)*

STEM EDUCATOR PROFESSIONAL DEVELOPMENT

The **STEM-H Educator Professional Development Workshops** provide teachers with opportunities to engage in professional development specific to including inquiry-based science/math in their classrooms and supporting students in independent inquiry-based research projects leading to local and/or regional as well as potentially state and/or international competition. By engaging in one or more of the workshops, STEM-H educators can prepare themselves to establish or enhance a student research program in their schools/classrooms.

In 2017-2018, workshops included Research Challenge Bootcamp (on-site and online), Project Management for STEM-H Educators (on-site), Managing Local STEM-H Competitions (online), and Responsible Conduct of Research & Human/Animal Protections in Student Research (online). The STEM-H Educator Professional Development Workshops will continue to evolve over time as needs are identified and incorporated.

STUDENT PROJECT DEVELOPMENT BOOTCAMP

The **STEM-H Student Project Development Bootcamp** provides 5th-12th grade student researchers with project development skills/support/resources along with an introduction to topics like Project Development, Responsible Conduct of Research, Statistics/Data Analysis, Judging Preparation, etc. The **STEM-H Student Project Development Bootcamp** will be expanded over time as needs are identified and incorporated. Workshops are conducted in collaboration with UNM and community partners who generously share their time/talent. In the Fall of 2016, a collaboration between the STEM-H Center and Explora Science Center was created and it continued in 2017 and 2018. Explora's amazing STEM-H educators facilitated the Student Project Development Bootcamps AND physically hosted them at Explora! This partnership will continue and grow in 2018-2019.



STEM-H RESOURCE CENTER/LENDING LIBRARY

The **UNM STEM-H Resource Center/Lending Library** is a short-term small equipment & curriculum materials lending library for teachers, schools, homeschool/middle/high school students & community groups as well as University level students/ faculty. The **UNM STEM-H Resource Center** also offers internet access and printing capability for individuals who need a place to do online research. As there is no longer ongoing funding to expand the Lending Library, the STEM-H Center is maintaining it with its current inventory and there are no plans in place for expansion in FY19.

Research/Policy/Advocacy

NM STEM-H CONNECTION STATEWIDE WEBSITE



The **NM STEM-H Connection Website** contains robust, searchable, web-based databases of STEM-H education related people, programs, and initiatives. It is also a comprehensive website of NM STEM-H Education resources and tools with links to New Mexico specific and National sites. It is designed to encourage increased collaboration/communication throughout the NM STEM-H Education communities as well as to offer the public opportunities to access statewide STEM-H experts along with their programs, projects, and initiatives whether they be teacher professional development, summer programs, research opportunities, connections with potential mentors, consultants, volunteers, judges, etc. Additional funding is always being sought to support requested development and enhancements to the site. At this time, no supplemental funding is available, so

the site is being maintained without any additional enhancements or functionality. Should funding become available, the web developer will begin work on the growing list of desired new functions.

Development of Strategic STEM-H Education Partnerships/Collaborations

Below are examples (not an exhaustive list) of strategic STEM-H Education relationships/collaborations/partnerships that were developed, maintained, or cultivated out of the STEM-H Center for Outreach, Research & Education in 2017-2018:

- Air Force Research Laboratory – New Mexico
- EPSCoR
- HSC Institutional Animal Care & Use Committee
- UNM Human Protections Office
- Mission Graduate STEM Council
- NM Academy of Science
- NM Coalition of Charter Schools
- NM MESA
- NM Partnership for Mathematics & Science Education
- New Mexico PBS
- Foundations 4 Success, Inc.
- BrainHackers
- NM Public Education Department Math & Science Advisory Council
- NM Science Teachers Association/NM Council of Teachers of Mathematics/Environmental Education Assoc of NM
- NM Supercomputing Challenge
- Science Buddies national website
- Southwest Indian Polytechnic Institute (NASA Grant Advisory Council)
- STEMfinity
- STEM NM Learning Ecosystem
- UNM Engineering Student Services & Outreach Programs
- Central NM STEM-H Ecosystem
- Explora Science Center
- UNM Los Alamos (Title 3 Grant)
- UNM Office of Research (faculty research support)
- UNM HSC Office for Diversity
- UNM Responsible Conduct of Research Program
- UNM School of Engineering (CREST Grant – Dr. Kerry Howe; Internal Advisory Committee)
- US Army Corps of Engineers – Albuquerque District

Beginning in the Fall of 2017, the STEM-H Center’s Director was part of a team emanating out of the NM Public Education Department’s Bureau of College & Career Readiness as they develop and pilot, via the [Project ECHO](#) model, an innovative approach to bringing the “experts” to school counselors, educators, and school leadership around ensuring that every student in New Mexico, regardless of geographic location, has access to high quality information and guidance around the development of their “Next Step Plan” which charts their desired course after high school. That course may be to a 4-year college/university, a 2-year college, a certification program, an apprenticeship, or any number of other options. The intent is to be sure that students are armed with the best information possible about all the options in front of them, have the ability to determine their interests, and then have everything they need to make informed choices about their future career paths. Much opportunity exists to leverage the ECHO model of “moving knowledge not people” and create powerful professional learning communities in the world of education in the future and we look forward to being part of that movement.

Policy/Advocacy

As part of the HSC Office for Diversity, we have continued working with the UNM Office of Government & Community Relations to support STEM-H education related strategic collaborations, policy research/development as well as with federal and state legislative and executive branch contacts (PED/HED, NM State Legislature, US Congressional offices, and NSF). This work will expand and continue as deemed strategically appropriate and valuable. The STEM-H Center’s Director is currently serving on several regional and statewide STEM-H education related boards/councils including the NM Partnership for Mathematics & Science Education, Mission Graduate STEM Council, External Advisory Committee for the Southwest Indian Polytechnic Institute – NASA Grant (2014-2017), the Internal Advisory Committee for the UNM School of Engineering: Center for Water and the Environment – NSF CREST Grant (2014-2019), and the STEM NM Learning Ecosystem (recently renamed “STEM-NM”). In the Spring of 2018, the STEM-H Center’s Director met in Washington, DC with leaders at the National Science Teachers Association to discuss potential opportunities to partner on the movement to grow the role of Project ECHO in education both in New Mexico and nationally in the future.



“Science fairs give people a way to get fascinated by science at an early age. If I hadn’t done science fairs, I probably wouldn’t be doing what I’m doing today.”

*Rajen Sheth, Product Director,
Chrome, Google
Intel ISEF 1992-1994*

2017-2018 Advisory Council & Staff

COUNCIL MEMBERS

Franz Joachim, CO-CHAIR
New Mexico PBS

Nels Hoenig, CO-CHAIR
American Society for Quality/PNM Resources

Lynne Andersen
NAIOP NM - Commercial Real Estate Dev. Assoc.

Connie Beimer
Director, UNM Ofc of Gov't & Community Relations

Reg Bourgeois
US Army Corps of Engineers - ABQ District

Joshua Corbin
HSC Office for Diversity

Dr. Mary Jo Daniel
UNM Office of the Vice President for Research

Dr. Leonard Duda
Sandia National Laboratories (Retired)

John Gallegos
NAIOP NM - Commercial Real Estate Dev. Assoc.

Deborah Green
St. Pius X High School Science Teacher

Turtle Haste
APS Middle School Science Teacher

Dr. Lorna Joachim
UNM Department of Psychology

Leslie Keeney
Rio Rancho High School

Ray Nance
Retired STEM Educator/PhD Cand. Educ. Leadership

Debra Novak
NM Museum of Natural History & Science

Dr. Valerie Romero-Leggott
Vice Chancellor, HSC Office for Diversity

Gail Vavruska-Marcum
PNM Resources

James Vigerust
CBI Federal Services, Inc.

Dr. Patricia Wagner
Albuquerque Public Schools (Retired)/Donor

STEM-H CENTER STAFF

Karen Kinsman, MS, PMP
Director/Senior Program Manager

Erin Garcia
Program Specialist

Laura Arguelles
Programmer/Analyst 3/Web Developer

Lauren Atencio
Student Program Assistant



Financial Information

Below is a 6-year graph of STEM-H Center's revenues and expenses that offers a visual comparison, year to year, of the Center's financial performance. From FY12 through FY15, the STEM-H Center carried forward positive balances at the end of each fiscal year. This was after several years in which, due to a number of factors including underfunding of salaries/fringe, the Center had carried forward deficits. In FY16, a small deficit carried forward as a result of multiple physical moves and related expenses along with a sluggish economy that contributed to slightly lower donations/sponsorships. In FY17, the STEM-H Center team identified areas in which operations could be carried out more efficiently as well as areas in which additional fundraising efforts could be focused and, as a result, ended the fiscal year with a positive balance forward. FY18 looks quite similar to last year except that \$15,000 of the total balance forward at the end of the fiscal year was FY19 funding paid by donors prior to the end of the FY18 fiscal year.

The balance forward has been earmarked and distributed to budget line items in support of the anticipated additional costs of hosting Research Challenge at EXPO NM, adding another space to our building usage at EXPO NM as well as to assist in upgrading aging technology, purchase needed supplies, etc. The approximately \$5,000 carry forward in our UNM main index came from funds deposited there from Research Challenge participant entry fees that were not all transferred into our Foundation index prior to the end of the fiscal year. That \$5,000 will remain to supplement the \$85,000 from main campus Office of Research as that support does not fully cover ½ of our total personnel costs that are charged to that index. The remaining balance of our personnel costs are charged to the Office for Diversity, Equity, & Inclusion index where the \$85,000 in Health Sciences Center support for the STEM-H Center is deposited annually.

The STEM-H Center receives half of its Institutional Sponsorship from the main campus Office of the Vice President for Research of \$85,000 annually which goes into what is called an F&A Index. The Health Sciences Center provides another \$85,000 in Institutional Sponsorship via the Office for Diversity, so half of the salary/fringe and other support expenses for the STEM-H Center have been taken on by the HSC Office for Diversity. Student/Participant Entry Fees will be deposited directly into the Foundation Index in FY19. All remaining funds raised via sponsorships and donations go into the STEM-H Center's UNM Foundation Index out of which all operational program expenses are paid with the exception of salaries/fringe benefits for regular and student employees.

Remaining in force for FY19 is the Memorandum of Understanding between the Office of the Provost on main campus and the Health Sciences Center that went into effect in mid-2015. Beginning in FY18, the MOU dictated a 50/50 split of the sponsorship between the Office of Research and the Health Sciences Center. As has been the case for a number of years, that \$170,000 covers the vast majority of staff salaries/fringe benefits, but covers no other expenses and does not allow for any salary increases in the foreseeable future. The 1% salary increases mandated at the state level for FY19 have been absorbed by the Office for Diversity, Equity, & Inclusion.

Given UNM's current financial position along with the recent cuts in State funding due to the precarious condition of the NM State budget, we are unable, at this time, to make any predictions about the future of the Institutional Sponsorship beyond FY19. It is certainly our hope that the support will continue as a joint sponsorship from the Office of Research and the Health Sciences Center as laid out in the 2015 MOU.

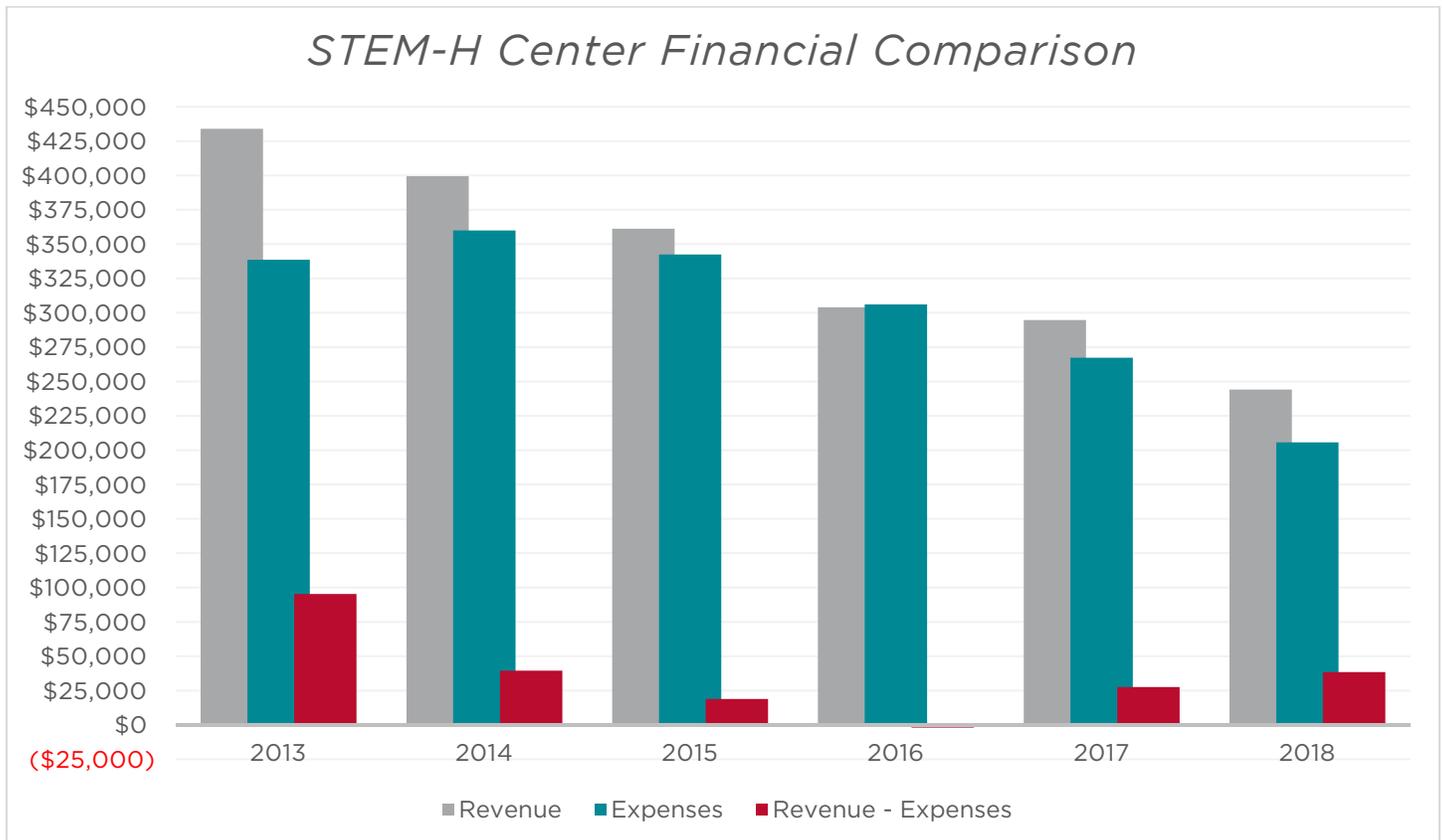
NOTE: The overall revenue/expenses reported for the STEM-H Center do not include the \$85,000 institutional support from the UNM Health Sciences Center which covers approximately 50% of the STEM-H Center's staff salaries/fringe and is part of the Office for Diversity, Equity & Inclusion's budget.

Current Financial Implications

Since our economy took a turn for the worse a few years ago, donor organizations have, in many cases, had to revisit their giving strategies, redefine their giving priorities, and those decisions resulted in organizations like ours often receiving either lesser amounts from long-time funders or those long-time supporters pulling back completely.

Knowing that the state of philanthropy in NM and across the nation was unknown (trends appeared to show a downward trend in giving), the STEM-H Center team has continued to work very hard to identify areas in which savings could be realized and costs could be reduced while still providing the highest quality programs and services possible. As a result, the Center ended FY18 with a Balance Forward in both of its two UNM indexes (“accounts”). These funds, in addition to regularly budgeted funds, money needed to cover the increased costs anticipated and allow the Center to update some of its computer equipment, purchase other needed supplies, etc.

What’s the bottom line? The STEM-H Center is in good shape as we enter the first quarter of FY19 which is great news! Our team will continue to be good stewards of the funding dollars received and work to provide great programs, services, and resources while ensuring fiscal responsibility.



Knowing that the state of philanthropy in NM and across the nation was unknown (trends appeared to show a downward trend in giving), the STEM-H Center team has continued to work very hard to identify areas in which savings could be realized and costs could be reduced while still providing the highest quality programs and services possible.

STEM-H Center: FY18 BUSINESS/COMMUNITY GROUP DONORS

(Includes In-Kind Donors for which donation value is known)

DONOR ORGANIZATION	VALUE	LEVEL
UNM Health Sciences Center	\$85,000.00	Plutonium
UNM Office of Research	\$85,000.00	Plutonium
Intel Corporation - Rio Rancho	\$26,250.00	Gold
NAIOP - NM Chapter <i>(includes \$20k from member org's w/in list)</i>	\$25,000.00	Gold
UNM HSC Office for Diversity	\$25,000.00	Gold
Honeywell/Sandia National Laboratories	\$20,000.00	Gold
UNM Scholarship Office (Jackling Fund)	\$15,000.00	Platinum
American Academy of Science - JSHS	\$10,000.00	Silver
UNM School of Engineering	\$8,000.00	Zinc
Albuquerque Journal	\$5,000.00	Zinc
General Mills Foundation	\$5,000.00	Zinc
Peacock Law Firm	\$5,000.00	Zinc
UNM School of Medicine	\$4,500.00	Copper
Ethicon Endosurgery	\$3,750.00	Copper
PNM Resources	\$3,000.00	Copper
NM PBS	\$2,500.00	Copper
Northrop Grumman Mission Systems	\$2,000.00	Aluminum
Advanced Communications	\$1,500.00	Aluminum
UNM Center for Water and the Environment Excellence	\$1,200.00	Aluminum
Old Republic National Title Insurance	\$1,120.00	Aluminum
bigbyte.cc Corp	\$1,000.00	Aluminum
Bohannon Huston	\$1,000.00	Aluminum
KOAT-7/Byron Morton	\$1,000.00	Aluminum
Lovelace Respiratory Research Institute	\$1,000.00	Aluminum
American Society for Quality, (ASQ), Albuquerque Section 1400	\$600.00	Carbon
Albuquerque Geological Society	\$500.00	Carbon
Anchor Built	\$500.00	Carbon
Boeing	\$500.00	Carbon

Bridgers & Paxton Consulting Engineers	\$500.00	Carbon
Cauwels & Stuve Realty and Development Advisors, LLC	\$500.00	Carbon
CREW (Commerical Real Estate Women)	\$500.00	Carbon
Flintco	\$500.00	Carbon
Home Builders Association of Central NM	\$500.00	Carbon
IEEE Photonics Society International Year of Light	\$500.00	Carbon
Jaynes Corporation	\$500.00	Carbon
Keleher & McLeod	\$500.00	Carbon
Kiwanis Club of Manzano Sunrise	\$500.00	Carbon
Lightning Dock Geothermal Energy	\$500.00	Carbon
New Mexico Bank & Trust	\$500.00	Carbon
New Mexico Society of Anesthesiologists	\$500.00	Carbon
Raytheon	\$500.00	Carbon
UNM Communications & Marketing	\$500.00	Carbon
International Test & Evaluation Association, Roadrunner Chapter	\$470.00	Helium
American Chemical Society - Central NM Section	\$450.00	Helium
American Institute of Aeronautics and Astronautics	\$400.00	Helium
UNM College of Pharmacy	\$400.00	Helium
Daskalos Properties	\$350.00	Helium
Geltmore, Inc.	\$350.00	Helium
West Wood Realty LLC	\$350.00	Helium
New Mexico Solar Energy Association	\$320.00	Helium
Albuquerque Area Extension Master Gardeners	\$300.00	Helium
Albuquerque Soaring Club	\$300.00	Helium
American Society of Safety Engineers - NM Chapter	\$300.00	Helium
American Vacuum Society New Mexico Chapter	\$300.00	Helium
Applied Research Associates, Inc.	\$300.00	Helium
Argus Realty & Development	\$300.00	Helium
Frontier Restaurant	\$300.00	Helium
General Mills Albuquerque Plant	\$300.00	Helium

NM Engineering Foundation	\$300.00	Helium
Sun Vista General Contractors	\$300.00	Helium
Wells Fargo Bank	\$300.00	Helium
Western States Fire	\$300.00	Helium
AIC General Contractors, Inc.	\$250.00	Helium
Century Bank	\$250.00	Helium
Century Sign Builders	\$250.00	Helium
Chavez-Grievess Consulting Engineers	\$250.00	Helium
CliftonLarsonAllen	\$250.00	Helium
Colliers International	\$250.00	Helium
CURB, Inc.	\$250.00	Helium
Dekker/Perich/Sabatini	\$250.00	Helium
Enterprise Builders Corporation	\$250.00	Helium
Garrett Development	\$250.00	Helium
Hunt Development Group	\$250.00	Helium
Klinger Constructors	\$250.00	Helium
R.E.M. Properties	\$250.00	Helium
Sedberry & Associates	\$250.00	Helium
SMPC Architects	\$250.00	Helium
UNM Chapter of Sigma XI : The Scientific Research Society	\$250.00	Helium
Wilger Enterprises Inc.	\$250.00	Helium
Civil Air Patrol - New Mexico Wing	\$231.00	Helium
Carnes & Co.	\$225.00	Hydrogen
Albuquerque Association for Gifted and Talented Students	\$200.00	Hydrogen
Albuquerque Astronomical Society and Accent Southwest Windows	\$200.00	Hydrogen
Albuquerque Gem and Mineral Club	\$200.00	Hydrogen
Allen Sigmon Real Estate	\$200.00	Hydrogen
BUILD GREEN NEW MEXICO	\$200.00	Hydrogen
BUILD New Mexico	\$200.00	Hydrogen
CenturyLink	\$200.00	Hydrogen

FBT Architects	\$200.00	Hydrogen
First Citizens Bank	\$200.00	Hydrogen
Kiwanis Club of Sandias	\$200.00	Hydrogen
Lastrapes, Spangler & Pacheco, PA	\$200.00	Hydrogen
Lawrence M. Wells	\$200.00	Hydrogen
New Mexico Chapter of ASHRAE	\$200.00	Hydrogen
Society of Women Engineers, Central NM Section	\$200.00	Hydrogen
Titan Development	\$200.00	Hydrogen
BBVA Compass	\$150.00	Hydrogen
Coldwell Banker Las Colinas	\$150.00	Hydrogen
Enchanted Lens Camera Club	\$150.00	Hydrogen
National Museum of Nuclear Science & History	\$150.00	Hydrogen
New Mexico Trout	\$150.00	Hydrogen
Stewart Title of Albuquerque	\$150.00	Hydrogen
Sutin, Thayer & Browne	\$150.00	Hydrogen
Terracon	\$150.00	Hydrogen
U.S. Army Corps of Engineers - Albuquerque District	\$150.00	Hydrogen
Anderson Abruzzon International Balloon Museum Foundation	\$140.00	Hydrogen
Trane Employees	\$120.00	Hydrogen
Albuquerque African Violet Club	\$100.00	Hydrogen
Albuquerque Isotopes	\$100.00	Hydrogen
Alvarado Management	\$100.00	Hydrogen
American Council of Engineering Companies New Mexico	\$100.00	Hydrogen
CBRE	\$100.00	Hydrogen
Collaboration Consulting	\$100.00	Hydrogen
Consensus Planning	\$100.00	Hydrogen
ENLACE Statewide Collaborative Excellence	\$100.00	Hydrogen
Explora Science Center and Children's Museum	\$100.00	Hydrogen
Huning Ltd. Partnership	\$100.00	Hydrogen
Mhenrie Land Water Law	\$100.00	Hydrogen

New Mexico MESA, Inc.	\$100.00	Hydrogen
New Mexico Museum of Natural History and Science Foundation	\$100.00	Hydrogen
Reid & Associates	\$100.00	Hydrogen
Sandia Grotto	\$100.00	Hydrogen
Springer 5 Investments	\$100.00	Hydrogen
Sunrise Bank of Albuquerque	\$100.00	Hydrogen
Trinity Section of the American Nuclear Society	\$100.00	Hydrogen
VJC Engineering	\$100.00	Hydrogen
Cliffs Amusement Park	\$60.00	Hydrogen
Highway Employees Assoc. of the NM Dept. of Transportation	\$60.00	Hydrogen
Myers, Oliver & Price	\$50.00	Hydrogen
New Mexico Science Teachers Association	\$50.00	Hydrogen
NM Speech, Language & Hearing Association	\$50.00	Hydrogen
Teacher Heaven	\$50.00	Hydrogen
UNM Bookstores	\$50.00	Hydrogen
Green Leaf	\$25.00	Hydrogen
New Mexico Geological Society	\$25.00	Hydrogen
FY18 BUSINESS & COMMUNITY ORGANIZATION SPONSORSHIPS/DONATIONS =	\$345,246.00	
<i>**Total is less \$20,000 that reflects NAIOP member organizations' donations for student/teacher awards that are reflected in individual business listings above.**</i>		

STEM-H Center: FY18 INDIVIDUAL DONORS

(Includes In-Kind Donations for which the value is known)

DONOR	VALUE	LEVEL
Dennis Spanogle	\$10,000.00	Einstein+
Mary Louise Martignoni Trust	\$2,000.00	Curie
Foreman Family	\$1,300.00	Darwin
Cordwell Family	\$1,250.00	Darwin
Len & Pat Duda	\$1,250.00	Darwin
Mary Fuka & Randi Buck	\$1,200.00	Darwin
Keith Meyer & Mary Meyer, Ph.D	\$1,000.00	Darwin
Gerard & Mildred Kaye	\$500.00	Carver
Holly Lowe	\$500.00	Carver
Ed Thomas	\$400.00	Newton

Kris Jaffa	\$400.00	Newton
Lynne Fullerton, MD	\$250.00	Newton
Paul Sowards	\$250.00	Newton
Paula Hayden	\$250.00	Newton
John Lynwood Gallegos	\$200.00	Ochoa
Randi Buck	\$200.00	Ochoa
Todd Thompson	\$200.00	Ochoa
Charles P. Price III	\$150.00	Ochoa
Bill & Mary Chambers	\$100.00	Ochoa
Dave and Rhonda Hill	\$100.00	Ochoa
Dave Giddens and Elizabeth Jeppesen Family	\$100.00	Ochoa
James Topmiller	\$100.00	Ochoa
Sylvia Vigil-Raines	\$100.00	Ochoa
Tom Grossman	\$100.00	Ochoa
Trudy Jones	\$100.00	Ochoa
Jeff Tsao	\$75.00	Gates
Jerry Cross	\$75.00	Gates
David Buchholtz	\$50.00	Gates
James Vigerust & Family	\$50.00	Gates
Mr. & Mrs. Kenneth Eras	\$50.00	Gates
Richard Cuddihy	\$50.00	Gates
Shirley Anderson	\$50.00	Gates
Pat Appel	\$25.00	Ross
Mark Burton	\$20.00	Ross
FY18 INDIVIDUAL SPONSORSHIPS/DONATIONS = <i>**Vast majority of Individual donations currently reflect either student/ teacher awards at Research Challenge OR in-kind donations of services.**</i>		\$23,345.00
FY18 COMBINED SPONSORSHIPS & DONATIONS TOTAL =		\$368,591.00

**THANK YOU FOR THE
GENEROSITY OF ALL OUR DONORS!**

FY18 SCHOOLS SERVED

REGISTERED SCHOOLS	Central NM Science & Engineering Research Challenge	Central NM 4 th /5 th Grade Research Expo	Central NM Science Olympiad	SW Junior Science & Humanities Symposium	School Type	Title I School
Albuquerque Academy	X		X ²	X	PRIVATE	✗
Albuquerque Area Homeschoolers			X ²		HOME	✗
Albuquerque Christian School	X	X			PRIVATE	✗
Albuquerque High School	X				PUBLIC	✓
Albuquerque Institute of Math & Science	X			X	CHARTER	✗
Albuquerque School of Excellence		X	X ²		CHARTER	✓
Albuquerque Sign Language Academy	X	X			CHARTER	✓
Alice King Charter School	X				CHARTER	✗
Amy Biehl Charter High	X			X	CHARTER	✓
Annunciation Middle School	X				PRIVATE	✗
Bernalillo High School	X				PUBLIC	✓
Bosque Farms Elementary	X	X			PUBLIC	✓
Bosque School			X ²		PRIVATE	✗
Cleveland Middle School	X				PUBLIC	✓
Corrales Elementary School		X			PUBLIC	✗
Cottonwood Classical			X ²		CHARTER	✗
Dolores Gonzales Elementary School		X			PUBLIC	✓
Early College Academy	X			X	PUBLIC	✗
East Mountain High School	X				CHARTER	✗
Eisenhower Middle School	X				PUBLIC	✗
George I Sanchez CCS	X				PUBLIC	✓
Holy Child Catholic School	X				PRIVATE	✗
Holy Ghost Middle School	X				PRIVATE	✗
Hoover Middle School	X				PUBLIC	✓
Hope Christian School	X				PRIVATE	✗
Immanuel Lutheran	X				PRIVATE	✗
International School at Mesa del Sol	X				CHARTER	✓
Jefferson Middle School	X				PUBLIC	✓
La Cueva High School			X ²		PUBLIC	✗
Longfellow Elementary		X			PUBLIC	✓
Los Alamos High School				X	PUBLIC	✗
Los Lunas High School	X		X	X	PUBLIC	✓
Manzano High School	X		X	X	PUBLIC	✓

REGISTERED SCHOOLS	Central NM Science & Engineering Research Challenge	Central NM 4th/5th Grade Research Expo	Central NM Science Olympiad	SW Junior Science & Humanities Symposium	School Type	Title I School
Media Arts Collaborative Charter School	X				CHARTER	✓
North Valley Academy	X	X			CHARTER	✓
Our Lady of Fatima	X	X			PRIVATE	✗
Our Lady's Assumption	X				PRIVATE	✗
Peralta Elementary	X				PUBLIC	✓
Prince of Peace Lutheran	X	X			PRIVATE	✗
Rio Grande Enrichment Studies	X				HOME	✗
Rio Rancho High School	X			X	PUBLIC	✗
Roosevelt Middle School	X				PUBLIC	✗
Route 66 Elementary School		X			PUBLIC	✓
Salam Academy	X	X			PRIVATE	✗
SAMS Academy			X		CHARTER	✗
San Antonito Elementary School		X			PUBLIC	✗
San Felipe de Neri School	X				PRIVATE	✗
Sandia High School			X		PUBLIC	✗
St. Mary's School (Abq)	X				PRIVATE	✗
St. Pius X High School	X			X	PRIVATE	✗
St. Therese Catholic School	X				PRIVATE	✗
St. Thomas Aquinas School	X				PRIVATE	✗
STEM Excellence Homeschool	X				HOME	✗
Sue Cleveland High School	X		X		PUBLIC	✗
Sundance Elementary	X				PUBLIC	✓
Taos Academy				X	CHARTER	
Taos High School				X	PUBLIC	
The ASK Academy	X				CHARTER	✗
Valencia High School	X				PUBLIC	✓
Wilson Middle School			X ²		PUBLIC	✓
TOTALS =	44	13	12 Schools (Registered) 12 Schools (Participated) 18 of 19 Teams (Participated)	11	Public = 27 Private = 17 Charter = 13 Homeschool = 3	Title I = %

✓ = Title I School

✗ = Not Title I School

x = Fielded "x" # Regional Science Olympiad Teams

ALL public, private, parochial, charter, and home schools in Central New Mexico are eligible to participate in Research Challenge and Science Olympiad. Participation in SW Junior Science & Humanities Symposium is open to high school students throughout NM, the El Paso area of west Texas, and southern Colorado. All participating schools along with the programs in which their students participated, the type of school, and the school's Title 1 status are indicated (*Title I, Part A [Title I] of the Elementary and Secondary Education Act or ESEA, as amended, provides financial assistance to local educational agencies (LEAs) and schools with high numbers or high percentages of children from low-income families to help ensure that all children meet challenging state academic standards.*)

APPENDICES

Volunteer Hours & Value of Time

Research Challenge Statistics

JSHS Statistics

Science Olympiad Statistics

Awards Values

Award Donors List

2017-2018 Volunteer Hours & Value of Time

2018 Central NM Science & Engineering Research Challenge	# of Volunteers	# of Volunteer Hours	Value of Volunteer Hours
Category Judges <i>(8 hrs per judge @ \$30/hr avg in-kind time donation; includes 4th/5th Judges)</i>	200	1600	\$48,000.00
Judge Chairs/Master Chairs <i>(25 hrs per judge @ \$30/hr avg in-kind time donation)</i>	30	750	\$22,500.00
Special Awards Judges <i>(4 hrs per judge @ \$30/hr avg in-kind time donation)</i>	215	860	\$25,800.00
4th/5th Grade Judging Coordinator <i>(40 hrs @ \$30/hr avg in-kind time donation)</i>	1	40	\$1,200.00
Special Awards Judging Coordinator <i>(40 hrs @ \$30/hr avg in-kind time donation)</i>	1	40	\$1,200.00
Registration Volunteers <i>(3 hrs per volunteer @ \$30/hr avg in-kind time donation)</i>	20	60	\$1,800.00
Registration Volunteers Coordinator <i>(40 hrs @ \$30/hr avg in-kind time donation)</i>	1	40	\$1,200.00
Display & Safety Inspectors <i>(4 hrs per volunteer @ \$30/hr avg in-kind time donation)</i>	20	80	\$2,400.00
Display & Safety Committee Chairs <i>(15 hrs per volunteer @ \$30/hr avg in-kind time donation)</i>	2	30	\$900.00
Speakers & Presenters <i>(2 hrs per speaker/presenter @ \$50/hr avg in-kind time donation)</i>	14	28	\$1,400.00
TOTAL SERC VOLUNTEERS =	504	3528	\$106,400.00

2018 Advisory Council Members

	# of Volunteers	# of Volunteer Hours	Value of Volunteer Hours
Board Members - Volunteer <i>(8 hrs per board member @ \$30/hr avg in-kind time donation)</i>	20	160	\$4,800.00
ADVISORY COUNCIL =	20	160	\$4,800.00

2018 Central NM Science Olympiad

	# of Volunteers	# of Volunteer Hours	Value of Volunteer Hours
Events with Volunteer Event Supervisors <i>(16 hrs per ES for prep & facilitation @ \$30/hr avg in-kind time donation; some ES's prepared & supervised more than one of the 44 events; time for each event is counted here)</i>	44	704	\$21,120.00
Other Volunteers <i>(Average 4 hrs each; Average 1 per event @\$30/hr avg in-kind time donation)</i>	44	176	\$5,280.00
SO VOLUNTEERS =	88	880	\$26,400.00

2018 SW Junior Science & Humanities Symposium (JSHS)

	# of Volunteers	# of Volunteer Hours	Value of Volunteer Hours
Judges <i>(8 hrs per judge @ \$30/hr avg in-kind time donation)</i>	6	48	\$1,440.00
Judging Coordinator <i>(40 hours @\$30/hr avg in-kind time donation)</i>	1	40	\$1,200.00
Keynote Speaker <i>(4 hrs @\$40/hr avg in-kind time donation)</i>	1	4	\$160.00
JSHS VOLUNTEERS =	8	92	\$2,800.00

	TOTAL # Volunteers	TOTAL # Volunteer Hours	TOTAL Value Volunteer Hours
FY18 GRAND TOTALS =	620	4660	\$140,400.00

Volunteer time value calculated at \$30/hour which is higher than standard \$22.14/hour, but majority of our judges/volunteers are STEM professionals/retirees whose hourly pay rate is significantly higher than even \$30/hour. Speakers/Presenters all high level professionals, so their time was valued at an average of \$50/hour - significantly less than the hourly rate of several of them.

2018

Central New Mexico Research Challenge



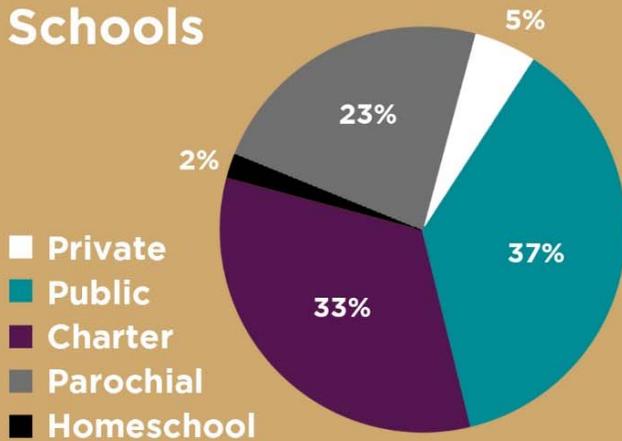
Gender



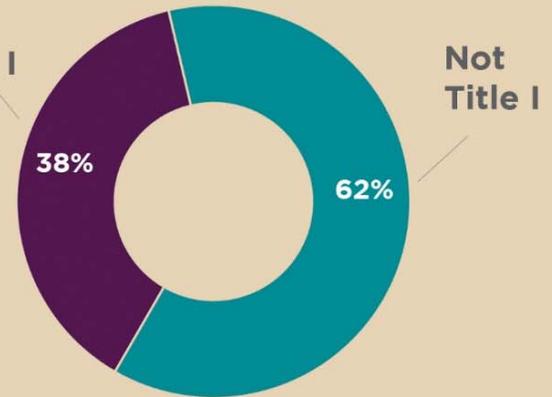
56% Females 44% Males

Over 3,500 volunteer hours were donated.

Schools



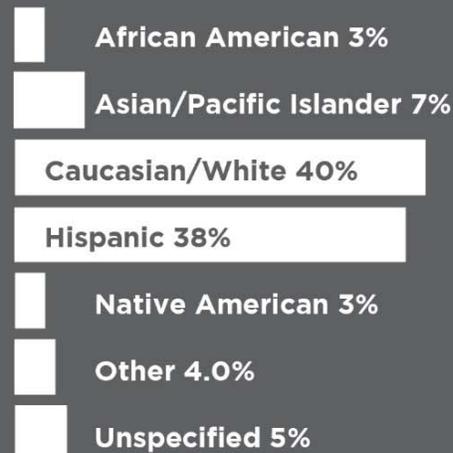
Title I



\$57,860.00 was awarded to Central New Mexico kids in 2018 alone.



Ethnicity



2018 Science Olympiad

*16 of 18 Teams reporting



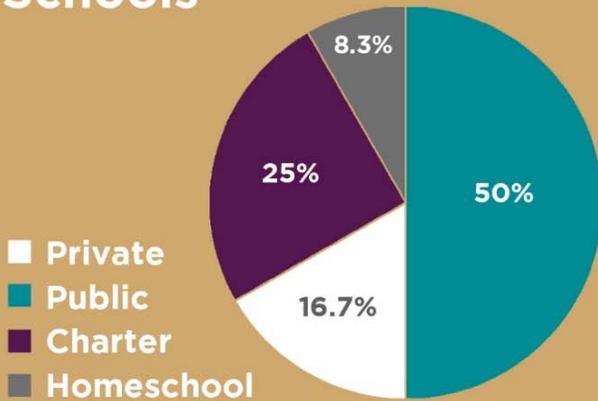
Gender



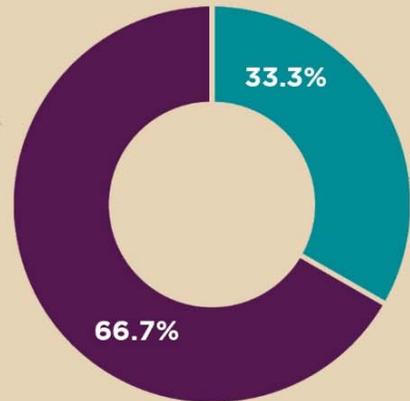
43.78% Females 56.22% Males

Central NM Science Olympiad
offered 44 events and had
23 volunteers!

Schools



Title I



Not
Title I

Volunteers donated
880 Hours in 2018



Ethnicity

White/Caucasian 42.79%

Hispanic 22.89%

Asian 24.38%

Other/Unspecified 4.98%

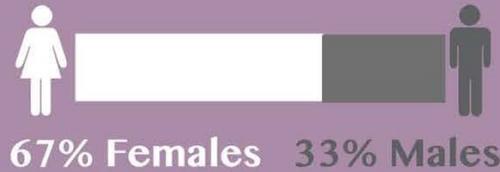
Native American 2.98%

African American 1.98%

2018 Junior Science and Humanities Symposium

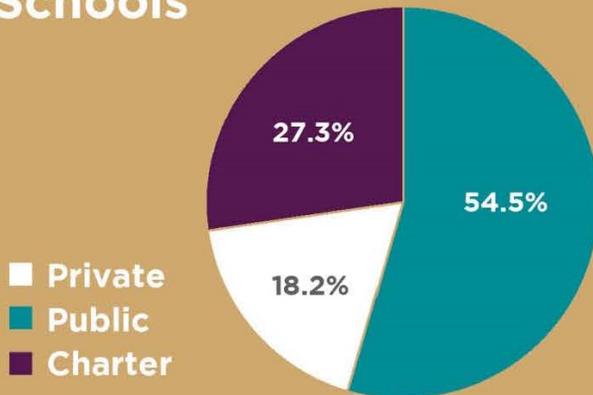


Gender

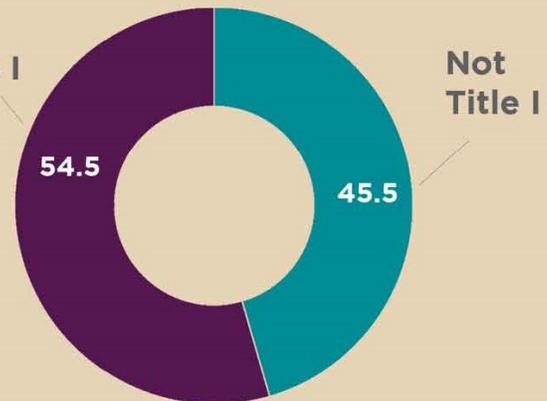


In 2018 JSHS hosted 15 students from 12 schools.

Schools



Title I



Donor Paid \$4,000.00
in Awards for 2018.



Ethnicity



2018 Central NM Science & Engineering Research Challenge AWARDS

Special Awards - Directly Donor Paid \$6,920.00

Special Awards - Office Paid \$58,392.00

Top of Category Awards – Office Paid \$5,520.00

CNM-SERC AWARDS = \$70,832.00

2018 Central NM Science Olympiad AWARDS

Science Olympiad - Trophies, Medals, etc. \$1,000.00

SCIENCE OLYMPIAD AWARDS = \$1,000.00

2018 SW Region Junior Science & Humanities Symposium AWARDS

SW Region JSHS – Donor Paid \$4,000.00

SW JSHS AWARDS = \$4,000.00

TOTAL AWARDS *(all programs)* = **\$75,832.00**



2017-2018 Student & Teacher Award Donors

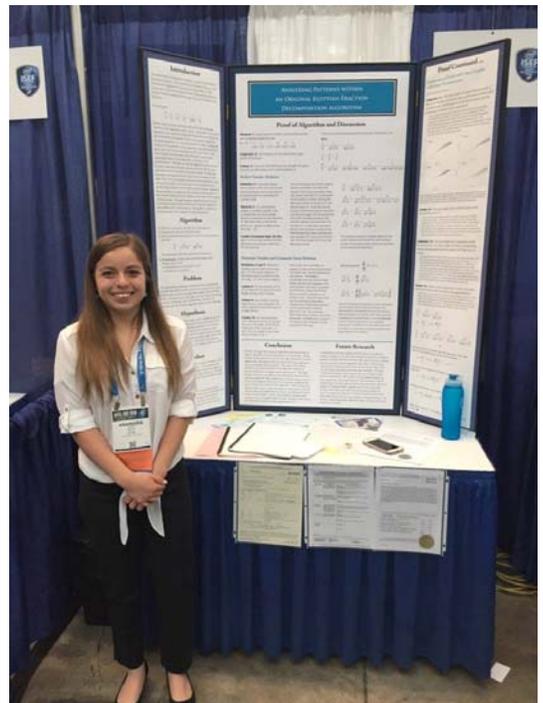
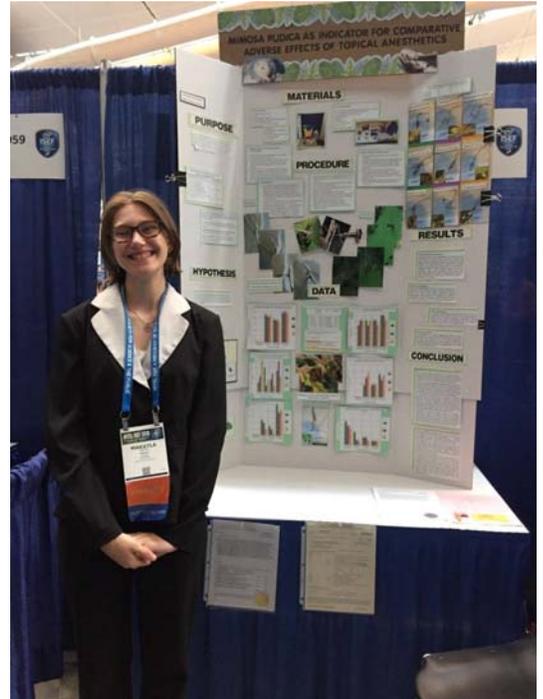
ACNM - Construction Leadership Council	Association for Women Geoscientists
AEgis Technology Group & the Appel Family	ASU Walton Sustainability Solutions
AIC General Contractors, Inc.	Bank of Albuquerque
Albuquerque African Violet Club	Bank of New Mexico
Albuquerque Amateur Radio Club	Bigbyte.cc
Albuquerque Area Extension Master Gardeners	Bohannan Huston
Albuquerque Association for Gifted and Talented Students	Bridgers & Paxton Consulting Engineers
Albuquerque Astronomical Society and Accent Southwest Windows	Broadcom
Albuquerque Geological Society	Cauwels & Stuve Realty and Development Advisors, LLC
Albuquerque Soaring Club	CBRE
Allen Sigmon Real Estate	Century Bank Award
Allena Satpathi	Century Sign Builders
AMC Development Services	Chavez-Grieves Consulting Engineers
American Chemical Society - Central New Mexico Section	Civil Air Patrol - New Mexico Wing
American Institute of Aeronautics and Astronautics	CliftonLarsonAllen
American Meteorological Society	Cordwell Family
American Psychological Association	CREW (Commerical Real Estate Women)
American Society of Safety Engineers - New Mexico Chapter	Daskalos Properties
Argus Investment Realty, Inc.	Dave and Rhonda Hill
ASHRAE NM Chapter	Dave Giddens and Elizabeth Jeppesen
Dekker/Perich/Sabatini	John & Joan Black

Don Chalmers Ford	John Gallegos & Lynne Andersen
Dr. Gerard & Mildred Kaye	John R. Lewinger
Ed Thomas	Karen & Tommy Hudson
Enchanted Lens Camera Club	Kaufman Fire protection Systems, Inc.
ENLACE Statewide Collaborative	Keith Meyer & Mary Meyer, Ph.D
Enterprise Builders Corporation	Keleher & McLeod, PA
Explora Science Center and Children's Museum	Kevin Patton
FBT Architects	Kiwanis Club of Coronado
First Citizens Bank	Klinger Constructors
Foreman Family	Kris Jaffa
Geltmore, Inc.	Land Advisors Corp.
Genius Olympiad	Lastrapes, Spangler & Pacheco PA
Home Builders Association of Central NM	Lawrence M. Wells, Attorney at Law
Huning Ltd. Partnership	LUMEN Mind Body Float
IEEE Photonics Society	Mark Burton
Installation Service Heating Cooling	Mary Fuka
Intel	Mary Louise Martignoni
International Test & Evaluation Association , Roadrunner Chapter	MU Alpha Theta
Jackling Fund - UNM	NASA
James Topmiller	National Museum of Nuclear Science & History
Jaynes Corporation	National Oceanic and Atmospheric Administration
New Mexico Bank & Trust	Studio Southwest Architects, Inc.

New Mexico Engineering Foundation	Sun Vista Enterprises, Inc.
New Mexico Gas Company	Sutin, Thayer & Browne
New Mexico Trout	Titan Development
Old Republic National Title Insurance	Todd Thompson
Patricia Wagner	Tom Grossman
Peacock Myers, P.C.	Trane
Public Service Company of New Mexico (PNM)	Trinity Section of the American Nuclear Society
Pulte Group	United States Air Force
Randi Buck	United States Metric Association
REM Properties	United States Navy and Marine Corps
Richard Cuddihy	University of New Mexico College of Pharmacy
Ricoh	University of New Mexico Health Sciences Center
Sandia Grotto	UNM Center for Water and the Environment
Sandia Peak Tram Company	UNM Chapter of Sigma XI: The Scientific Research Society
Sedberry & Associates	UNM Department of Neurosciences
Sheila Doucette	Vigerust Family
SMPC Architects	Water Environment Federation
Society for In Vitro Biology	Wells Fargo Bank
Society of Women Engineers, Central New Mexico Section	West Wood Realty LLC
Solar and Sustainability in New Mexico	Wilger Enterprises Inc.
Springer 5 Investments	Wood Group

THANK YOU to all our sponsors & award donors for their spectacular commitment in helping us recognize the hard work of our student and teacher participants!

We are humbled by your support!



In Loving Memory of Nicole Berezin
10/2/63 – 9/16/18

Thank you for all you contributed to the STEM-H
Center team as a Graduate Assistant and a tireless,
committed, loyal volunteer!

You are missed.



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HEALTH SCIENCES

OFFICE FOR DIVERSITY,
EQUITY & INCLUSION

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Albuquerque, NM 87131-0001
(505) 277-4916 STEM-H Center
(505) 272-2728 Office for Diversity

STEM-H Center Website

<http://stemed.unm.edu>

NM STEM-H Connection Website

<http://www.nmstemh.org>