

INSIDE SFCC

SANTA FE COMMUNITY COLLEGE | FALL 2016



In this issue

Startups Grow Jobs
Retention –
Connections Are Key
Sculptures on Loan
and more ...



Left: (L-R) Dave Pesiri, division leader of LANL's Feynman Center for Innovation, Kathy Keith, chair of the SFCC Governing Board and Director of LANL Community Partnerships, U.S. Senator Martin Heinrich, Dr. Alex Koglin, Co-founder of NTxBio, Dr. Michael Humbert, Co-founder of NTxBio, and SFCC President Randy Grissom. Copyright 2016 Anna C. Hansen.

Home-Grown Startups Fuel Job Growth and Opportunities for Students

Excitement is brewing at SFCC's Trades and Advanced Technology Center (TATC), where partnerships with Santa Fe startups are opening up cutting-edge career opportunities for students as well as benefiting the Santa Fe community.

The college provides lab space, student interns and other tools for such innovative Santa Fe startups as NTxBio, which is developing a commercial platform to help pharmaceutical companies bring new drugs to market in months instead of years. In addition, the TATC constantly updates its curriculum to make sure its students are well-positioned for careers in these startups and in other businesses like them.

"As a community college we can and should take a larger role in economic development in the community and Santa Fe needs that," says SFCC President Randy W. Grissom.

"Our primary job in the past has been training workers, but in Santa Fe we need more businesses and we need more jobs for our graduates. That's how the Trades and Advanced Technology Center contributes to strengthening our local economy: by encouraging and nurturing entrepreneurship."

Partnering with startups provide both, along with the possibility of creating a local community for business

innovators. "I would love to see any of the businesses that grow out of here go right across the street," said Grissom. "They could be places where our students could do internships or go to work. I envision a research corridor, the same way that Duke University in Durham, North Carolina is part of the Research Triangle Park."

In addition, the partnering startups also enhance the educational experience for students by providing guest lecturers and lab instructors in the many areas where their businesses overlap with SFCC course content—from Biology and Engineering to Alternative Fuels, Business, Water

Technologies and more, according to Ondine Frauenglass, assistant director of SFCC Biofuels Center of Excellence. "These startup companies also offer internships to students, providing valuable hands-on experience in real work environments on campus," Frauenglass adds.

"Along with exposure to what it takes to create a new business, students get to work with people who are innovators, and that's

"AS A COMMUNITY COLLEGE WE CAN AND SHOULD TAKE A LARGER ROLE IN ECONOMIC DEVELOPMENT IN THE COMMUNITY AND SANTA FE NEEDS THAT."

– President Randy Grissom



“FOR US, THESE PARTNERSHIPS OFFER AN INCREDIBLE WAY TO GIVE OUR STUDENTS EXPOSURE TO THE SCIENTIFIC METHOD.”

– President Randy Grissom

Santa Fe Mayor Javier Gonzales and U.S. Senator Martin Heinrich talk during the tour of the NTxBio analytics lab after the ribbon-cutting ceremony at the Trades and Advanced Technology Center. Copyright 2016 Anna C. Hansen

a different type of person. I believe there’s a huge educational piece to that,” Grissom says.

The partnership between SFCC and NTxBio was forged with the help of the High Desert Discovery District, a nonprofit group devoted to identifying and commercializing technology projects in New Mexico. “In the early development of this startup, we considered the capacity of a variety of facilities that could host NTxBio,” says Michelle D. Miller, HD3’s founder and CEO. “It was during this time that we approached SFCC to explore whether a synergistic relationship could be created whereby the startup community

could benefit by SFCC, and SFCC could benefit with the presence of highly dynamic startups on their campus. It turns out that this was a concept that was a win-win, and HD3 and SFCC worked collaboratively to develop an environment where this could happen.”

Other startups that have paired with SFCC include Apogee Spirulina, producing artisan-grown, hand-harvested spirulina (nutrient-rich algae that is a food source); Spartina, growing native drought-tolerant grasses to be turned into pellets and burned for energy; and Rio Grande Neurosciences, developing cutting-edge products to treat brain injuries.

development/science could create a startup cluster effect in the Rio Grande Corridor,” Miller explains, adding that other institutions with an interest in neurosciences include Los Alamos National Laboratory, Sandia National Laboratories, Mind Research Institute and Air Force Research Laboratory New Mexico.

Bringing innovative startups to SFCC’s campus is making a huge difference in the lives of students. “For us, these partnerships offer an incredible way to give our students exposure to the scientific method,” Grissom says. “We have students who dropped out of high school and come here to get trained in a technical area and they then get excited about science and math and get a degree in engineering. This is a way to make education relevant for a group of people for whom it wasn’t relevant before.”

Grissom is so enthusiastic about the benefits of these partnerships, he wants to ensure there’s plenty of room to accommodate them. “One of the challenges we have right now is having the space to do some of these things,” he says. “We’re embarking on an update to our Master Plan and thinking about setting aside some space for business industry relationships on campus. It’s my opinion that whether the businesses are ultimately successful or not, it’s great for our students to be part of this type of enterprise.”



Above and on the cover: Co-founder of NTxBio, Dr. Michael Humbert and SFCC student, Jeremiah Star.

Rio Grande Neurosciences is part of a larger project that aims to create a neurosciences corridor between Albuquerque and Los Alamos, with Santa Fe at the center. “HD3, the University of New Mexico and other New Mexico institutions believe that New Mexico has a great many research and development capabilities in the neurosciences that —if supported properly—could create a neuro-cluster effect, meaning young startups in this arena coming from research/technology

Connections Key to Making the Grade and Reaching Goals

There's a robust campus-wide effort underway to increase the number of students who persist – or come back – each semester until graduation. One of the most important initiatives underway is to show students the many ways SFCC is simply here for them – for support – throughout each semester, from semester to semester, and all the way to graduation. Two staff directors working closely with students shared some of their tips and insights for helping students reach the finish line.

Heidi Weingart, Director of Advising and the First Year Experience program, encourages everyone on campus – faculty, staff and students – to reach out to new students to offer encouragement and let them know about all of the assistance the college offers: from advising and tutoring to financial aid, career counseling, clubs and study groups ... even a food pantry.

“Connections are important. We were not meant to go through life or college alone,” Weingart said. “When we get to know our students individually, the rewards are significant. We might learn about challenging life issues that can sometimes become a real roadblock to their studies, and we can share ways to work through them and stay on course. We want them to know we've got their back. We're here for them.”

Center for Academic Transitions Director Piér A. Quintana echoed those sentiments about making connections. She pointed out that when students set goals, they are more likely to attain results. “When students talk with faculty about career plans, it opens a dialogue that helps them determine a direction,” Quintana said. “Meaningful interactions with teachers and advisers put students on a path to success. Faculty have a specific bond with students; they are uniquely positioned to



Center for Academic Transitions Director Piér A. Quintana (right) advises a student.

smooth the transition from being new at college to gaining confidence, learning what their interests are, and matching those interests with a certificate or degree program.”

Weingart noted the importance of ensuring students choose a certificate or degree path. “Ironically, often the longer students are in college – particularly without direction – the less likely they are to graduate,” Weingart said. “That’s

Quintana and Weingart both pointed out that students are often also supported by their peers, student mentors and tutors. Student interactions in classrooms, at events or as student workers all help build a student’s support system. “We know that students who support one another do well,” Weingart said. “Being in class together, working on a project, or simply having fun provide a sense of belonging that strengthens the commitment to staying in school.”

MEANINGFUL INTERACTIONS WITH TEACHERS AND ADVISERS PUT STUDENTS ON A PATH TO SUCCESS. FACULTY HAVE A SPECIFIC BOND WITH STUDENTS; THEY ARE UNIQUELY POSITIONED TO SMOOTH THE TRANSITION FROM BEING NEW AT COLLEGE TO GAINING CONFIDENCE, LEARNING WHAT THEIR INTERESTS ARE, AND MATCHING THOSE INTERESTS WITH A CERTIFICATE OR DEGREE PROGRAM.

one of the things we watch for, so we can help them keep the momentum going.”

Students may tend not to look beyond the current semester, Quintana explained. “Involvement from advisers and faculty can be key to a student realizing his or her path to graduation,” Quintana said.

“It’s tremendously gratifying to see our students on graduation day,” Weingart added.

For more information, contact the Welcome and Advising Center at 505-428-1270 or wac@sfcc.edu.

Two sculptures on long-term loan

Two stunning sculptures by internationally recognized artists – the late Allan Houser and his son Bob Haozous – began gracing the campus this fall through the efforts of the Santa Fe Community College Foundation’s Art on Campus program. The two sculptures are on long-term loan through arrangements with the Allan Houser Foundation.

Houser’s sculpture, *Raindrops*, gives an elegant touch to the campus courtyard, while inviting inspiration and reflection. Houser (Chiricahua Apache) is one of the most renowned modernist sculptors of the 20th century.

Contemporary sculptor Haozous, who uses “negative imagery for positive responses” shared some thoughts about his piece *Portable Warrior Memorial*, which catches visitors’ eyes as they approach the campus. Haozous said, “Art should reflect culture: The main piece, itself, is of a soldier and in the soldier’s right hand is a German machine gun, which is not a symbol of war, but of technology. The soldier also has one bare foot standing on earth as a reminder of where the soldier is from. The language around the piece is of gibberish because it’s the language of the new Earth.”

The artist added, “It will be challenging to understand this piece because it’s all from a past Earth, however, if you stand



close to this piece, you definitely can feel an understanding of the past.”

Haozous first visited the campus when he took swimming classes and has used the fitness center through the years to stay healthy. He loves the potential of what the college offers. “Education brings us back to the laws of nature – get a better education to understand your purpose.”

The artist sees the great value in public art as opposed to work shown only in a collector’s home. “Competition destroys creativity. Art is more than a vocation. It has to come from responsibility to the Earth and community we come from,” he said.



Above: Bob Haozous’ sculpture, *Portable Warrior Memorial*

Left: Bob Haozous (artist), Emily Haozous (Bob’s daughter) Melissa BlackDeath Dominguez (friend of Sam Haozous), Sam Haozous (Bob’s son), David Rettig (Executive Director of the Allan Houser Foundation) surround Allan Houser’s sculpture, *Raindrops*.

VETERANS ARMED WITH NEW SCHOLARSHIP OPPORTUNITY

A new \$36,000 scholarship fund for veterans and their dependents has been established through a partnership between the Santa Fe Community College Foundation and the City of Santa Fe Veterans Advisory Board.

It is hoped that the fund, created with matching contributions from the city’s Veterans Advisory Board and the college’s Foundation, will help New Mexico’s veterans and their dependents complete a certificate or degree at SFCC.

“Many times, money is the barrier to educational achievement and ultimate success,” says SFCC President Randy Grissom.

“We feel this scholarship is an important step to take in order to break down obstacles for those who have served our country. Our campus already provides a welcoming environment, services and sense of community for vets, and with this funding we can offer another type of support to those who need it.”

Santa Fe Community College was voted “Best for Vets: Career & Technical Colleges in 2016” for the second consecutive year. The college’s Veterans Resource Center provides comprehensive support services for students and is also open to the public.

To apply for one of the scholarships, veterans should work with the SFCC Financial Aid Office. Students will need to meet certain eligibility requirements, such as enrolling in a minimum of six credit hours and maintaining at least a 2.5 grade-point-average. Interested students may follow up with either the Financial Aid Office or on-campus Veterans Resource Center.

KUDOS

SFCC's Trades and Advanced Technology Center and Training Center Corporation Win Mayor's Sustainability Awards



Pictured (L to R): Nicholas Petrović, Jeremiah Star, Stephen Gomez, Amanda Hatherly, Luke Spangenberg, Ondine Frauenglass, Marlon Guite, Randy Grissom, Deborah Boldt, Heidi Weingart, Camilla Bustamante and Xubi Wilson.

The college was a recipient of two City of Santa Fe Mayor's Sustainability Awards, Oct. 13. The School of Trades, Technology, Sustainability and Professional Studies was recognized for its sustainability curriculum in the Education category. The SFCC Training Center Corporation was honored for its high tech and green business incubation in the Economic Development category. The award ceremony recognized programs, projects and people throughout Santa Fe who are dedicated to helping Santa Fe reduce its carbon footprint, improve its environment, build resilience in the face of climate change, provide environmental education and develop a green workforce. An SFCC contingent of more than a dozen – including students, former students and members of faculty, staff and administration – represented SFCC at the event. Former SFCC student Tejinder Ciano was also honored for his nonprofit recycling business, Reunity Resources.

Sahaj Khalsa Wins Award.

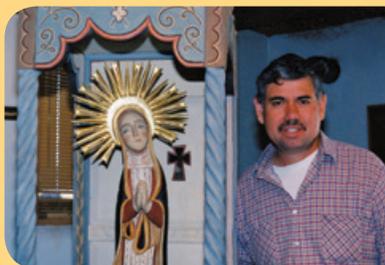


Sahaj Khalsa, program director of EMSI, won 'Best Oral Presentation' for a research project on the use of restraints in the pre-hospital environment. The award was from the Prehospital Care Research Forum at UCLA and was presented at the National Association of EMS Educators annual conference in Ft. Worth, Texas.

López Receives Governor's Award.

Faculty member and acclaimed santero Felix López received the prestigious Governor's Award for Excellence in the Arts on Sept. 23.

López is the recipient of numerous other awards, including from the Spanish Colonial Arts Society and the National Endowment for the Arts. His work has been exhibited at the Denver Art Museum, Smithsonian American Art Museum, National Hispanic Cultural Center, Museum of Spanish Colonial Art, Museum of American Folk Art and Gene Autry Western Heritage Museum, and is in major collections in Los Angeles, New York, Spain, and elsewhere.



SFCC was given the National Judges Award of Excellence at the University Economic Development Association (UEDA) in Roanoke, Virginia on October 18.

The Judges Award is given to the university that best exemplifies the values of the UEDA.

Specifically, the award recognizes SFCC's Training Center Corporation. According to the UEDA, the college's Training Center Corporation "represents a best practice initiative in university-based economic development and example of regional transformation for economic prosperity."

Dr. Camilla Bustamante, dean of the School of Trades, Technology, Sustainability and Professional Studies, was in attendance to accept the award.

The Training Center Corporation is an independent arm of SFCC, acting as an incubator of ideas and entrepreneurial activities to support experiential learning for students and community partners.

The Center for Green Schools at the U.S. Green Building Council, in partnership with **Second Nature**, awarded **SFCC Honorable Mention in its Climate Leadership Awards** for dedication to creating a sustainable higher education environment and incorporating green practices into the campus and educational discourse. Second Nature is a national nonprofit that works to build a sustainable and positive global future through collaboration with leadership networks in higher education, and the Climate Leadership Awards recognize innovative and advanced leadership in sustainability, climate change mitigation and resilience at college and university campuses that participate in Second Nature's climate commitments.



hapters, an exhibition featuring **Gordon Fluke's** prints, pastel drawings, handmade books and other works, continues through Dec. 16 in the main campus entrance. The opening reception on Oct. 31 coincided with Fluke's retirement from academic administration and marked his return to the art world to begin a new chapter in his life. He will teach a credit book arts class in the spring. Fluke worked at the college for almost 19 years. Since 2000, he served as SFCC's Director of Continuing Education. Prior to that he worked in the bookstore, community relations, and as an adjunct faculty member in the

art department teaching introduction to printmaking, papermaking and book arts.

The exhibition is presented by the college and the Santa Fe Community College Foundation through the Art on Campus program. For more information about the exhibition contact Art on Campus coordinator Linda Cassel at 505-428-1855, linda.cassel@sfcc.edu. See samples of his art at facebook.com/gordonflukeprintmaker.



Fine Arts faculty member **Patricia Pearce** is one of five featured artists in the exhibition, *Alchemy of*

Decay, which opened Aug. 26 in the Rotunda Gallery in the Capitol at Old Santa Fe Trail and Paseo de Peralta. The show continues through Dec. 9.



SFCC's Coordinator for the Center for Diversity and Integrated Learning **Emily Stern** presented at

Teachers for Social Justice 16th Annual Conference in San Francisco in October. Her presentation was titled *El Corazón: Where Social Justice, Community and Identity Intersect*.

SFCC Receives Equipment from LANL

LANL's Chemistry (C) Division donated more than \$40,000 worth of science equipment to SFCC. Donated items included lab coats, face shields, refractometers, hot plates, glassware, plasticware and incubators. C Division Chief of Staff Andrea Salazar-Gallegos led the initiative.

SFCC Partners with NMHU in Teacher Licensure Program

The Center for the Education and Study of Diverse Populations (CESDP) at New Mexico Highlands University (NMHU) was awarded the National Professional Development Program Grant from the U.S. Department of Education. SFCC will serve as NMHU's partner institution in a 2+2 Career Ladder Teacher Licensure Program for two partnering Local Educational Partnering (LEP) school districts in Northern New Mexico. The first two years will focus on the Associate of Arts in Teacher Education from SFCC for 30 paraprofessionals. After students receive the Associate of Arts degree, they will be admitted to the Undergraduate Elementary Education Licensure program at NMHU. The first cohort of 30 students is expected to begin pursuit of an AA in Teacher Education in summer 2017. For more information, contact Director of Teacher Education Dawn Wink, ext. 1347.

Michelle Rosen-Hatcher joins SFCC as the Director of Kids Campus



Michelle Rosen-Hatcher joins SFCC as the Director of Kids Campus. Rosen-Hatcher spent more than 25 years with Santa Fe Public Schools as a teacher and administrator. She taught in special education and gifted programs and also was assistant principal at Santa Fe High School. During her teaching career, she received two Fulbright scholarships, which she spent in India and in Japan. She holds a bachelor's degree in psychology from City College of New York,

a master's degree in education from New York University and Administrative Licensure in Transformational Leadership from New Mexico Highlands University.



In Memorium

In Memoriam: Gerald Clay. Gerald Clay, retired fitness professor, died unexpectedly Aug. 5 at the age of 62. A "GoFundMe" page has been set up: <https://www.gofundme.com/2j4hrafb> to help the family. Gerald's memory will be honored with a basketball tournament at the Fitness Center in his name on March 3 and 4. For more about Clay, please see the *Santa Fe New Mexican* obituary at [Legacy.com](https://www.legacy.com).



6401 Richards Ave.
Santa Fe, NM 87508-4887
www.sfcc.edu

Nonprofit
Organization
US Postage
PAID
Santa Fe
Community
College



SANTA FE COMMUNITY COLLEGE

InsideSFCC

Empower Students, Strengthen Community. Empoderar a los estudiantes, Fortalecer a la comunidad.



Degrees and
Certificates from
SFCC Open Doors
to Success!

REGISTRATION
FOR SPRING IS
UNDERWAY NOW

TALK TO AN
ADVISER TODAY
505-428-1270 • sfcc.edu

Accessible ... Affordable ... Exceptional ... EDUCATION

CLASSES START JANUARY 17.
TALK TO AN ADVISER TODAY.
Check www.sfcc.edu for the latest events.

SFCC is an equal opportunity/ADA-compliant institution.
SFCC es una institución de igualdad de oportunidades en conformidad con ADA.

Inside SFCC

Published by Santa Fe Community College

President and Governing Board

Kathleen Keith	Chair
Pablo Sedillo	Vice Chair
Jack Sullivan	Secretary
Dr. Martha G. Romero	Member
Linda Siegle	Member
Mark Konda	Student Ex-officio

Produced by SFCC's
Marketing and Public Relations Department

Executive Director: Janet Wise

Writing & Editing: Jennifer Bleyle, Lynn Cline,
Emily Drabanski, Laura J. Mulry, Janet Wise

Design & Layout: Jeffrey Atwell, Sonja Berthrong

Photos: Chris Corrie, Emily Drabanski,
Todd Eric Lovato, Dorothy Perez y Piriz,
Mac Read, Kerry Sherck

Opt in to receive *Inside SFCC* electronically
at jennifer.bleyle@sfcc.edu.