

RESEARCH ANNUAL REPORT 2025

# DISCOVERY

A stylized, colorful illustration of skin layers. The top layer is orange with rounded, cell-like shapes. Below it is a teal layer containing green and orange circular cells, some hexagonal shapes, and a yellow branching structure resembling a nerve or blood vessel. A grey, needle-like object points from the orange layer into the teal layer. A red, curved shape is visible in the bottom left corner.

## SKIN DEEP

UNM Researchers Seek the  
Metabolic Causes of Chronic Pain

TURNING RESEARCH INTO CURES

**UNM** HEALTH  
SCIENCES

## VISION

Transform health care and health science education and research to improve health and health equity for New Mexico and beyond.

## MISSION

We exist to lead New Mexico toward health equity through our unique integration of care delivery, education, discovery and innovation and through advocacy and collaborations. We celebrate the diverse cultures and history of our state while creating an inclusive and compassionate community that makes UNM Health Sciences an extraordinary place to study, work and serve.

## CORE VALUES

**HEALING:** Both within individuals and among our communities in order to cultivate hope, care and joy.

**EQUITY:** For all New Mexicans in health, education and economic opportunity.

**EXCELLENCE:** In health care, education and research and in building a place where people seek to study, work and serve.

**INNOVATION:** In all aspects of our mission, enabling us to rise to the health, workforce and economic challenges of our time.

**COMPASSION:** In how we treat our patients, students, each other and ourselves.

**SERVICE:** Accountable to our diverse communities across New Mexico.

### Managing Editor

Michael Haederle

### Contributing Writers

Kandace Donaldson

Brianna Mortensen

Christina V. Rodriguez

Jill Rothenberg

Bryan Schroeder

### Art Director

Sara Mota

### Graphic Designer

### & Illustrator

Claire Hannon

### Photography

McKaela Arviso

Jett Loe

Allan Stone

### Design Support

Brittany Markward

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Sciences Office of Research

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*From the*

EXECUTIVE VICE PRESIDENT FOR HEALTH SCIENCES &

CHIEF EXECUTIVE OFFICER FOR THE UNM HEALTH SYSTEM



**Health science research is foundational to addressing many of our state's challenges.** Discoveries made right here at The University of New Mexico Health Sciences Center have opened the doors to cures for diseases, improved health outcomes for countless patients, and offered more insight into how environmental pollutants affect our own bodies, while shaping new therapies for a wide range of disorders.

Substance use disorders remain a major research focus at UNM. In this year's Research Annual Report, you'll read about just some of the ways Lobo researchers are studying addiction, developing new treatment therapies and providing new support programs.

In this report, you will learn that our research extends far beyond New Mexico. Matthew Campen, PhD, and Nancy Pandhi, MD, PhD, MPH, have teamed up with colleagues at the University of Arizona to lead SW CACTI, a National Institutes

of Health-funded Clinical and Translational Science Award that aims to improve health outcomes for both New Mexicans and Arizonans. The team of translational scientists will first focus their efforts on substance use disorders and rural health initiatives.

Creating a better understanding of how to treat newborns addicted in utero is a focus of research for pediatrician Jessie Maxwell, MD, associate professor of Pediatrics and Neurosciences. She has validated the effectiveness of the "Eat, Sleep, Console" protocol for infants experiencing opioid withdrawal, finding that these children require fewer medications and experience better outcomes.

CAMINOS – Coordinating Addiction Medicine with Inpatient and Outpatient Services – is a program that connects UNM Hospital patients with treatment during their hospital stay and helps them transition into ongoing care once they leave. Led by Sergio Huerta, MD, and Chris Smith, MD, this program is proving effective to ensure continuity of substance use disorder treatment as patients settle back into their home settings.

In basic science research, Justin Baca, MD, PhD, a professor of Emergency Medicine, is leading a study using microneedles to extract samples of interstitial fluid to better understand the underlying mechanisms of neuropathic pain in diabetes patients.

Academic research funding has been unpredictable this past year. I am proud that through some turbulent times, our team of scientists always put the mission of advancing scientific discoveries first.

I'm grateful to all of our research faculty for their many impactful accomplishments. Their creativity, compassion and commitment make them an invaluable resource for all of New Mexico and beyond.

### **Michael E. Richards, MD, MPA**

Executive Vice President, UNM Health Sciences  
CEO, UNM Health System



*From the*

## VICE PRESIDENT FOR RESEARCH

### **I am proud to share some positive news about FY25 extramural funding at The University of New Mexico Health Sciences Center.**

Despite significant shifts in the federal funding landscape, UNM HSC secured \$228.4 million in extramural grants and contracts. This achievement reflects the excellence and resilience of our research community in the face of unprecedented challenges.

Last spring, academic health centers across the country experienced grant terminations and significant delays in notices of awards due to changing priorities and restructuring within federal agencies. Fortunately, a majority of UNM HSC's grants were reinstated, and many notices of awards that we anticipated receiving in FY25 were ultimately received after July 1.

Early in FY26, UNM HSC received more than \$45.3 million in federal grants that would have been awarded in FY25. These include competitive renewals for our Clinical and Translational Science Award, the associated K12 mentoring program, and two Centers of Biomedical Research Excellence – the Center for Metals in Biology and Medicine (Phase 2) and Center for Brain Recovery and Repair (Phase 3).

Had these awards been received on schedule, UNM HSC's total awards in FY25 would have been \$273.7 million, an almost 6% increase over the previous year – reaffirming our upward trajectory in extramural funding.

There is much to celebrate in UNM HSC's FY25 portfolio.

Research projects funded by federal agencies and foundations spanned the translational spectrum, from basic science studies to multi-site clinical studies – including work in brain and behavioral health, substance use disorders, environmental exposures, Long COVID-related cognitive impacts, cardiovascular and metabolic diseases, cancer epidemiology and screening among underserved populations and innovative drug delivery technologies.

With support from state and federal agencies, UNM HSC advanced the implementation of evidence-based health care services and innovations to improve health outcomes for New Mexicans.

Highlights include projects that help health care workers in rural hospitals care for newborns experiencing opioid withdrawal syndrome, expand early intervention services for New Mexico children, provide emerging infection surveillance, promote small-scale farming and local food systems and foster social connectedness among older adults.

The Southwest Node of the NIDA Clinical Trials Network received a seven-year competitive renewal to continue its critical work to accelerate clinical research in substance use disorders. Our funding portfolio also includes pharmaceutical clinical trials and biotech collaborations.

Thank you for your dedication and contributions to these successes. I look forward to the opportunities ahead as we continue to innovate and improve health care and pursue groundbreaking biomedical discoveries.

### **Hengameh Raissy, PharmD**

Vice President for Research, Health Sciences



# CREATING SW CACTI

## UNM Health Sciences Partners with the University of Arizona on a Novel Federally Funded Translational Science Collaboration

By Bryan Schroeder

**The University of New Mexico Health Sciences Center has embarked on a novel partnership with the University of Arizona** that promises to advance translational research from bench to bedside, bringing new hope for patients across the Southwest.

The two universities have jointly received a seven-year, \$43.6 million Clinical and Translational Science Award (CTSA) from the National Institutes of Health to create the new Southwest Center for Advancing Clinical and Translational Innovation (SW CACTI), headquartered at UNM.

UNM, which has been continuously funded by a CTSA since 2010, submitted an “outstanding application” to receive the award, said Hengameh Raissy, PharmD, the HSC’s vice president for research. This new grant award marks the first time UNM has collaborated with U of A, she said.

The new CTSA has two components: a seven-year, \$38.8 million portion to be used for turning new scientific discoveries into practical medicine, and a five-year, \$4.8 million K12 Research Training and Career Development Award that will go toward training new translational scientists, said contact principal investigator Nancy Pandhi, MD, PhD, MPH, professor in UNM’s Department of Family & Community Medicine and the HSC’s assistant vice president for Clinical Translational Research.

SW CACTI has been up and running since Aug. 1, 2025. “Things are going great,” she said, adding that leaders from both schools recently met in Phoenix to discuss the project’s future. “There was just so much enthusiasm about the potential. Teams are already meeting

together. They’ve identified their goals for the first year and what new opportunities might arise.”

Tomás Díaz de la Rubia, senior vice president for research and partnerships at the U of A, said his university is excited to leverage its clinical and research strengths in the new partnership with UNM.



A significant part of our efforts is in this community space. That’s really what we’re known for nationally – the work we’ve done towards understanding how to be a **trusted partner.**”  
- Nancy Pandhi, MD, PhD, MPH

“Our long history of academic and research collaboration promises to bring innovative programs and medical advances to improve the lives of people across both states,” he said.

Basic biomedical research – bench science – needs to be translated from the laboratory to the clinic so that it can benefit patient health, said Matthew Campen, PhD, MSPH, Distinguished Professor in the UNM College of Pharmacy and UNM’s multiple principal investigator for SW CACTI.

“One purpose of our center is to really provide the basic sciences faculty with the tools that they need to move their discoveries to reality for clinical medicine,” he said, adding that it entails disseminating successfully translated discoveries into communities and informing physicians about the latest developments.

SW CACTI also helps other UNM researchers by providing research tools and infrastructure in areas such as biostatistics, epidemiology and research design, he said.

Pandhi said researchers are already planning to apply for new grants that would allow SW CACTI to train more predoctoral and



Nancy Pandhi, MD, PhD, MPH walks past the Southwest Center for Advancing Clinical and Translational Innovation building on the UNM Health Science's campus.

postdoctoral students, and at UNM, she and her team have used the new grant to enhance the university's translational science capabilities. "As a result of the grant, we've been able to invest in new, up-to-date equipment, particularly in our different research cores," she said. One example is an upgrade to the HSC's informatics system, which supports researchers in multiple areas.

"Part of what we do is really about supporting infrastructure, and we're not disease-specific," she said. "That's really what makes the CTSA unique – any researcher, regardless of disease or topic, can benefit from our resources, which makes it different from the other research centers that are on campus."

To tackle the science necessary to lead to new breakthroughs, SW CACTI awards provide pilot funding to researchers who have an approved project, Pandhi said. Half of the pilot studies are conducted solely at either UNM or U of A. The other half of the projects require a collaboration between a UNM researcher and U of A researcher, she said.

SW CACTI also conducts important research in New Mexico communities, and the new CTSA will contribute to this work, Pandhi said.

"We have community engagement liaisons who attend health councils across New Mexico to build awareness of our work and also listen to those needs," she said. "Our hope is those efforts lead to trust-building, and we've seen that actually happen – some of the exciting work that's happened is because we've had people in place for years at meetings in those communities."

The community engagement team has helped local residents by teaching data collection and analysis, partnering with community researchers on projects, participating in food and supply drives that offered support during natural disasters, and much more, she said.

SW CACTI recently purchased a mobile medical unit – a van that can traverse dirt roads, allowing the team to reach even the most rural New Mexico communities to discuss and conduct research, Pandhi said.

Another important benefit of the 2025 CTSA is support for training new researchers and staff. For example, UNM is currently searching for a new postdoctoral researcher, whose position will be funded through the K12 portion of the award, Pandhi said.

UNM will also expand its successful Clinical and Translational Research Experience (CT-REx) program, which informs and inspires undergraduate students across the Southwest who are curious about careers as research staff. Starting in 2026, UNM plans to increase the CT-REx cohort from eight students per summer to 10, with a goal of five coming from New Mexico and five from Arizona, Pandhi said.

As SW CACTI helps researchers in the Southwest embark on new paths of discovery, UNM and U of A will track the results over time in four areas: economic, policy, clinical and public health benefits.

"We publish reports that show that benefit, and our plan is to have those available publicly so people can really see the return on this investment," Pandhi said. 🚗



# SKIN DEEP

**Diabetes is one of the most common causes of chronic pain in the United States** – according to the National Institutes of Health, the American Pain Consortium and Justin T. Baca, MD, PhD, a professor of Emergency Medicine within The University of New Mexico School of Medicine.

The rate of diabetes diagnoses has significantly increased in recent years, as have complications from the chronic condition, which impacts how the body metabolizes glucose, Baca said.

This led him to ask: When an individual with diabetes feels pain – or a lack thereof – what is happening in that part of the body on a metabolic level?

In a recently submitted publication (which is still under review), Baca and his colleagues described a way to start answering that question by using hair-thin microneedles to extract interstitial fluid from parts of the skin where pain has or could potentially develop in rats with diabetes.

Interstitial fluid is the fluid between cells, making up a quarter of all fluid in the body, Baca said. (blood only constitutes about 9% of bodily fluid.) So, there is a lot to be learned from the intracellular fluids surrounding neurons.

For example, metabolic stressors, like too much glucose or not enough oxygen, can damage the lipid coating that surrounds neurons, Baca said. That damage leads to dysfunction, and that's what causes excessive pain or, in some cases, muted sensation – an absence of feeling.

“We think about diabetes being all about sugar, and that's pretty well understood,” Baca said. “But what we know less about is how those changes in somebody who has diabetes affect coatings on their cells, the coatings on the neurons and the development of chronic pain.”

Through this study, researchers have found that they can detect skin-level changes before they can detect changes in blood.

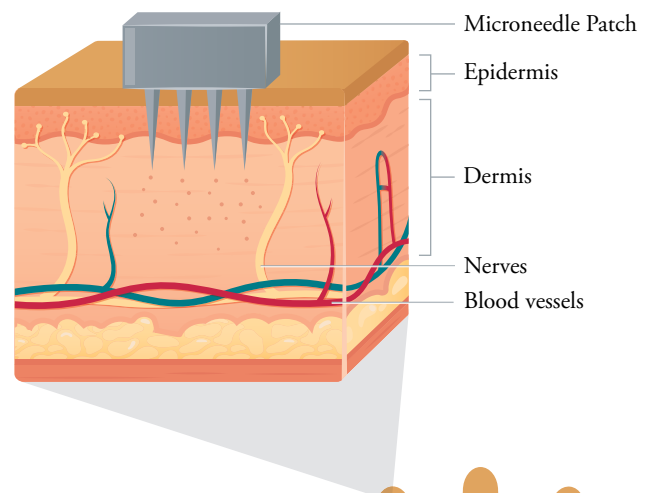
## UNM Researchers Seek the Causes of Chronic Pain on a Metabolic Level

*By Brianna Mortensen*

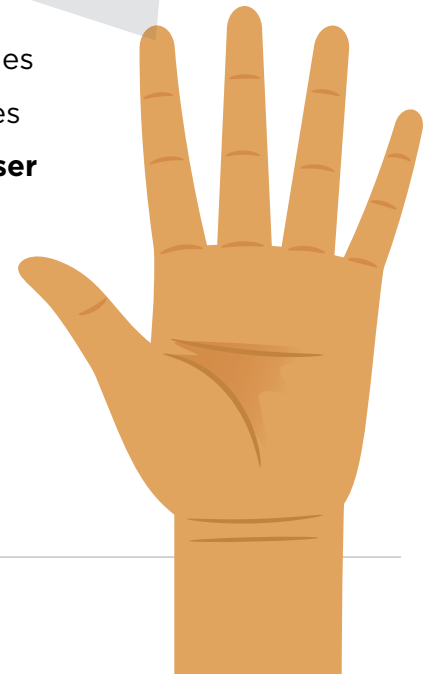
“It's kind of cool to think about,” Baca said. “A blood sample kind of gets an average of what's going on. You can take a tissue sample, but you don't want to donate part of your skin to just do a test.”

But extracting interstitial fluid – a minimally invasive process – can provide the same understanding of what is happening inside tissue without removing anything from the body.

“The neuropathy that most people experience in diabetes starts on the parts that are farthest away from the heart,” Baca said. “It starts in the fingertips, the toes, and it gradually moves more centrally. Mostly, we rely on blood measurements that are not necessarily from those particular locations.”



But microneedles can pull samples from **much closer to the source.**



While the first paper on this study was submitted based on research in a rat model, Baca said his team has shown they are able to collect interstitial fluid in people as well, in a separate study measuring toxic metals in human skin.

“Most people don’t report any pain when we’re doing those procedures,” Baca said. “And it shows you what’s going on at a near-cellular level without damaging any tissues there.”

The rat model could potentially provide insight into how to treat or prevent the development of neuropathy, weeks, if not months or even years before nerve damage occurs or becomes permanent – something Baca said he would like to study more closely in humans soon.

“If we develop this further, you can imagine having these needles in a patch or on a Band Aid, for example,” he said. “Say we wanted to understand what’s going on in a thousand different patients. If I could mail them that patch, they could wear it for an hour and then mail it back to us.”

In the meantime, samples are collected with five microneedles mounted side-by-side in a 3D-printed holder that was specially designed by Baca’s team.

Baca, who also has a secondary appointment in Chemical & Biological Engineering, conducts much of this work in labs at the UNM Clinical & Translational Science Center, where more than 300 investigators convert scientific research into new tools and technologies for clinical practice.

Outside collaborators have been crucial to this project, he said, including Sandia National Laboratories and Los Alamos National Laboratory, which provided various mass spectrometer methods for analyses of the interstitial fluid.

Baca’s work with microneedles began in 2013. Around five years later, his team ventured in the direction of neuropathic pain.

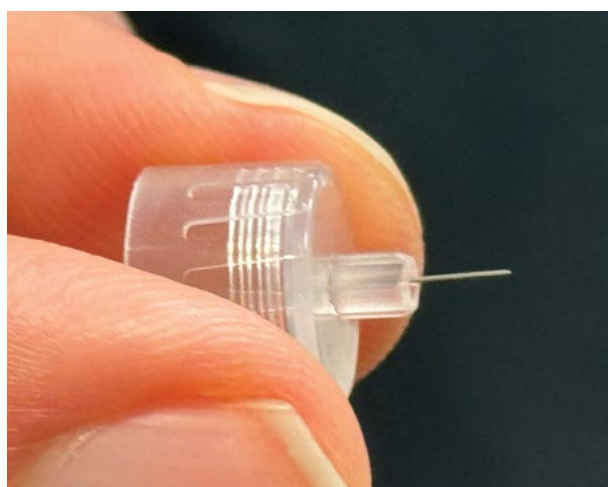
This most recent project was posed as part of the KL2 fellowship, which provides mentoring and support for faculty in the early stages of their career to get their research off the ground.

The initial idea was to study neuropathic pain in people who recently had shingles or were experiencing chronic pain from shingles, Baca said. Due to the effectiveness of shingles vaccinations in recent years and a decrease in shingles patients, the group pivoted to studying chronic pain in diabetes patients.

“Which is near and dear to me, because physicians who see patients in the ER would like to think that things that we do in the lab will eventually help them,” he said.



Justin T. Baca, MD, PhD, conducts microneedle research in his lab at UNM.



A close-up of the hair-thin microneedles used to collect interstitial fluid.

Baca said he hopes this work eventually leads to better pain prevention and pain management.

“We have Tylenol, NSAIDs and opioids – and opioids tend to not be a great long-term solution,” he said.

Other UNM researchers are currently working on delivering drugs through microneedles, which Baca said could also help patients with chronic pain down the road.

“If we put those together – we could potentially deliver drugs at a certain location and in a very minimally invasive way – I think that’d be a really cool way to close the loop,” he said. “If there were things that we could offer, one, for pain relief, and two, for more management of that in a chronic condition, that would be awesome.” 🚚

# SEARCH FOR SOLUTIONS

## UNM Researchers Seek New Ways to Prevent and Treat Substance Use Disorder Via the Clinical Trials Network

*By Michael Haederle*

**Substance use disorder is a stubborn, multifactorial disease whose devastating impacts reverberate throughout New Mexico,** but one research program based at The University of New Mexico Health Sciences Center is focused on making a difference.

The Southwest Node of the Clinical Trials Network (CTN) aims to foster community-engaged research, testing new strategies for prevention and treatment of substance use disorder.

“Substance disorder treatment has moved towards the biomedical and away from the behavioral approach, especially with opioid use disorder, for which we have really, really good treatments,” said Kimberly Page, PhD, a professor in the UNM Department of Internal Medicine who serves as the Southwest Node’s principal investigator.

The CTN, funded by the National Institute on Drug Abuse, operates 16 nodes at universities around the U.S., with the Southwest Node focusing on research involving the diverse populations in New Mexico and Arizona, she said.

Substance use treatment faces unique challenges in the Southwest, with its diverse population, Page said. “We developed a toolkit to help with recruitment and engagement of these community groups. We actually did test it

with our Native American groups here in New Mexico to develop the tools that will enable community-engaged research.”

A current Southwest Node research study investigates integrated care and treatment for severe infectious disease and substance use disorders among hospitalized patients. The study pairs them with a patient navigator to help break down silos that might otherwise limit their care, she said. “We’re integrating different subspecialties to provide a holistic care model.”

Another Southwest Node study examines optimal strategies to help patients seeking to discontinue the medications used to treat opioid use disorder. “Many people want to stop their medications,” Page said. “Trying to find the best way to stop so people don’t relapse is very important.”

CTN researchers are also studying the prevalence of stigma that drug users face while seeking care from mental health professionals, she said. “We’re working with multiple departments – Internal Medicine, Psychiatry and Emergency Medicine. Addiction doesn’t just exist because of one mental health problem. It’s probably a combination of many things.”

To further its substance use-related research, the Southwest Node partners with multiple





UNM Health Sciences clinical programs and School of Medicine departments, as well community organizations in New Mexico and Arizona and several universities in Arizona, Utah and California.

Available UNM resources to conduct studies in this area include The Southwest Center for Advancing Clinical and Translational Innovations (SW CACTI) clinical research unit, the Interdisciplinary Substance Use and Brain Injury Center and the Center for Brain Recovery and Repair.

Another partner is the Center on Alcohol, Substance Use and Addiction (CASAA) on UNM's Central Campus, which conducts high-quality assessment, prevention, treatment and implementation research, Page said. "Their studies are very important because of their work with American Indian and Alaska Native communities, which are disproportionately impacted in our state and all across the country."

Clinical psychologist Kamilla Venner, PhD, an associate professor in The University of New Mexico Department of Psychology and CASAA principal investigator, has worked with the CTN team to study ways of increasing the acceptance of medication treatment for substance use disorders among Native Americans and Alaska Natives.

Medications like buprenorphine and methadone are effective in helping people manage their opioid addiction, but many Native American patients are reluctant to pursue that mode of treatment, Venner said.

"Medication treatment saves lives, prevents overdose, reduces craving and helps people live a productive life again," Venner said. "It helps keep some people out of the criminal justice system and be stably housed, working so they can just live their life again and hopefully be with their families and live in accordance to their own values and goals."

In a recently concluded study, Venner and her colleagues found that when clinicians adopted practices that met clients on their own terms and acknowledged their unique cultural and spiritual beliefs, they were more likely to decide to begin medications to overcome their addiction.


For her study of implementing medication treatment for opioid use disorder, Venner partnered with CTN colleague Aimee Campbell, PhD, a professor of Clinical Psychiatric Social Work at Columbia University Irving Medical Center.

Starting in 2019, the research team met regularly – both virtually and in person – with providers at four centers that predominantly treat Native Americans and Alaska Natives with substance use disorder.

"We were working with the providers and their director to see what they wanted to do to change their program and enhance it so that culture was more at the forefront," she said. "Then we examined it to see whether more people started medication treatment."

Once the new approach was implemented, the researchers examined the electronic medical records of 2,059 de-identified patients to see whether the number of clients who began medication treatment increased.

"We were able to show from the rate ratio that there was a nice increase in the number of American Indian and Alaska Native people initiating onto medication treatment after they had worked to culturally center their program of delivery," she said.

She and her team are currently working with their community partners to publish the main study outcomes. "The next step would be to engage with many more programs to see if they'd be willing to engage in a similar implementation trial." 

# DATA COLLECTION

## The Multi-Year HEALthy Brain and Child Development Study Promises to Shed Light on Prenatal Substance Use Causes and Treatments

By Michael Haederle

**From time to time, a few of the researchers in the HEALthy Brain and Child Development (HBCD) study find themselves working late into the evening** on The University of New Mexico's North Campus, keeping watch as an infant peacefully slumbers amid the clatter and clang of an MRI scan.

Brain scans of babies as young as 30 days old are part and parcel of the ambitious multi-site research program funded by the National Institutes of Health, said Ludmila Bakhireva, MD, PhD, MPH, professor in the UNM College of Pharmacy and multiple principal investigator on the UNM arm of the study. The research team has learned to schedule the scans to coincide with a baby's natural nap time, she said.

"It's a very ambitious project," she said.



It's the **largest-ever study** of early brain development."

- Ludmila Bakhireva, MD, PhD, MPH

The HBCD study is recruiting as many as 7,500 maternal or caregiver-infant pairs from 27 sites across the U.S. and following them from birth through pre-teen years.

The study has two primary goals, Bakhireva said. The first is to map out normal brain development over time in healthy infants. The MRI study conducted in the first month of life is repeated at three to nine months and again at nine to 15 months, then annually after that.

"The second goal is to look at prenatal substance exposures, as well as environmental and social factors," she said. In identifying the greatest impacts on child development, "the biggest challenge is to disentangle whether it is substance use or the social or economic milieu – hardship and challenges. They are very interrelated and it is very hard to disentangle these factors in a single-site study."

That's why HBCD's expected sample size is so large, Bakhireva said. "Hopefully, it will allow us to get to these questions, which for decades were kind of dim and unanswerable. We just passed the 4,000 mark for recruitment nationally, which is a major milestone."

In addition to the MRI scans, the research protocol calls for the collection of blood, urine, saliva, stool and nail clippings, along with placental tissue, umbilical cord tissue and umbilical cord blood. The children also undergo regular videotaped cognitive and behavioral assessments, as well as measures of their brain wave activity.

The UNM branch of the study is a collaboration with the Mind Research Network (MRN), led by 3T Core Director Andrew Mayer, PhD, who also serves as multiple principal investigator. The MRN maintains an advanced research scanner in UNM's Pete & Nancy Domenici Hall, Bakhireva said. Nine faculty members from across the UNM campus are involved, along with 15 staff members.

Additional studies are conducted at UNM's Interdisciplinary Substance Use and Brain Injury center. "We are using a state-of-the-art facility to do EEG and behavioral assessments," Bakhireva said. The team also conducts physiological measurements – including heart rate variability – a measure of cardiovascular fitness.

The study also encompasses the health history of the children's mothers. At UNM, which has received more than \$8 million in funding to date, the HBCD study builds on previous research exploring how social determinants of health affect maternal mental health and predispose some women to substance use during pregnancy, she said. The UNM researchers are focusing on four substances of interest known to play a role in fetal development: alcohol, opioid drugs, cannabis and tobacco, she said.

"We found a very strong association between maternal childhood adversity, impaired mental health and substance use during pregnancy, as well as effects on infant development," Bakhireva said. "Identifying mechanisms underpinning this relationship is fascinating to me,



Andrew Mayer, PhD, and Ludmila Bakhireva, MD, PhD, MPH, beside the MRI scanner in UNM's Pete & Nancy Domenici Hall.

because I think it's an area where we can really make a difference for the future if we can break the trans-generational transmission or link."

The HBCD's multifactorial framework of resilience factors could help identify the factors that have the biggest impact, both positive and negative, during specific, crucial windows of brain development, she said.

"We know, for example, that adversity during the first three years of life has a much more prominent impact on long-term health outcomes for behavioral and somatic health, then, let's say, adversity later in life. This is just one example of trying to map the most crucial windows of brain development."

The more than 150 U.S. researchers that have helped guide the HBCD study since it was launched in 2021 have already published nearly 250 research papers – many with contributions from UNM scientists.

One of those papers found that nearly 13% of the pregnant women in the study reported more than minimal alcohol use, Bakhireva said. "Among those who reported alcohol use, over a third reported poly-substance use," she said. "This is important and striking in many ways, because alcohol use, even in small amounts, can affect neural development, and combining alcohol with substances like opioids or cannabis can multiply the risks."

The team also analyzed data on prenatal exposure to cannabis and opioids to better understand their effects on pregnancy and newborn health. Preliminary analyses suggest measurable patterns in birth outcomes that warrant continued investigation. "Cannabis is often perceived by the public as less harmful," Bakhireva said. "Our ongoing research aims to

clarify how prenatal exposure – whether to cannabis or other substances – may influence birth weight and early brain development."

The size of the HBCD birth cohort has given rise to multiple sub-studies. One, co-led by Bakhireva, created a bio-bank of delivery specimens – placentae, umbilical cord tissue and blood – for future study of the biological mechanisms that affect infant development.

Bakhireva and her colleagues are examining how changes in maternal health affect fetal brain development through placental mechanisms. "We are finding that the placenta acts as a key mediator between prenatal exposures and child development, and understanding these pathways may lead to future treatment targets."


To ensure a representative study population the researchers have recruited participants from different areas of the state, different races and ethnicities and varying socio-economic backgrounds, she said. "We actually have a very large representation of monolingual Spanish speakers, the largest number across all 27 sites."

Bakhireva's research has also identified some things that can ameliorate the risks and promote resilience.

"In our UNM studies, we found women who received a high level of social support, whether from family, friends or government assistance programs, fare better," she said. "It has a huge impact on maternal mental health and we see reduction in substance use."

"So that's one of the things we can really take to the next level, in terms of policy implementation – providing additional social support to women in need during pregnancy and reducing substance use to improve maternal mental health and improve birth outcomes."



A photograph of two people, a woman and a man, in an indoor setting. The woman, on the left, has long grey hair and wears black-rimmed glasses and a dark jacket. She is holding a purple pen in her right hand and looking towards the man. The man, on the right, is seen in profile, smiling and looking down. The background is slightly blurred, showing what appears to be a modern office or hospital environment with large windows and indoor plants.

Kimberly Page, PhD, MPH, and Chris Smith, MD, share a conversation in the UNM Hospital Critical Care Tower.

# ROAD TO RECOVERY

## CAMINOS Offers New Hope for UNM Hospital Patients Living with Substance Use Disorder

*By Kandace Donaldson & Michael Haederle*

**Patients admitted to The University of New Mexico Hospital are usually there for something like an infection, a surgery or another medical emergency.** But many are also living with substance use disorders. Until recently, that aspect of their health often went untreated during their hospital stay.

Now, a research-validated program called CAMINOS (Coordinating Addiction Medicine with Inpatient and Outpatient Services) is changing that.

“We are an addiction medicine consult service,” said Sergio Huerta, MD, CAMINOS medical director. “Anybody with an addiction in the hospital, we can see, even if it hasn’t been diagnosed yet. The whole concept is to meet people where they’re at when they’re most vulnerable and most in need.”

CAMINOS connects patients with treatment during their hospital stay and helps them transition into ongoing care once they leave. Huerta, who is board-certified in both addiction medicine and internal medicine, explained how the program works.

“We go talk to the patient, offer them treatment services, including medications, and refer them to treatment,” he said. “We also have a peer on our team with lived experience in recovery. Patients who are seen by peers tend to do better.

They’re more adherent to their medications and treatments when they leave the hospital.”

The program grew out of a multi-site study that found hospitalized patients fared better with the in-patient intervention, said Kimberly Page, PhD, MPH, a professor of Internal Medicine in the UNM School of Medicine.

“We know that we’re doing the right thing for the patients. It reduces the length of their hospital stay and they get connected to treatment,” she said. “I’d like to think that this is the kind of program that contributes to the decline of overdose death mortality in New Mexico.”

UNM Hospital was one of three medical centers where the Substance Use Treatment and Recovery Team (START) approach was tested between November 2021 and September 2023. Researchers randomized 325 participants to receive the START intervention or treatment as usual. UNMH accounted for 190 of the study participants, Page said.

Huerta teamed up with a case manager to engage with UNMH patients, who were offered medications to treat opioid addictions, including buprenorphine and methadone, which attenuate withdrawal symptoms, he said.

“Patients usually feel immediately relieved upon getting those medications,” he said. “They may not ever have had exposure

to those medications out in the community, so we call it a reachable moment. Oftentimes they're so acutely ill, and sometimes the substance use disorder is the underlying mechanism for them to be ill."

The patients receiving the START intervention were more than twice as likely as usual care patients to initiate medication for opioid use disorder in the hospital and were 50 percent more likely to continue with treatment following discharge, according to the 2025 study published in JAMA Internal Medicine.

The stakes in New Mexico are especially high, said Chris Smith, MD, director of operations for CAMINOS and section chief of Hospital Medicine. The state has the highest alcohol-related death rate in the country and is consistently ranked among the worst for drug overdose deaths, with an estimated one in 10 New Mexicans living with a substance use disorder.

At UNM Hospital, that means a large share of inpatients also need addiction treatment. In its first year, CAMINOS logged more than 1,200 consults, making it one of the busiest consult services at the hospital. Of those patients, more than 450 were newly started on medication therapy.

"Even if only half of those patients continue treatment after discharge, that's a huge success for a population that can be very difficult to engage," Smith said, noting that patients who start treatment for addiction are less likely to leave the hospital against medical advice. They are also more likely to follow through with other treatments for conditions like diabetes, infections or chronic disease.

"It has a dramatic change on their whole hospital stay," Smith said.

The program is also shifting how hospital staff think about addiction: Some clinical teams that once hesitated to start addiction medications are now more comfortable doing so, thanks to CAMINOS. "Our goal is that the primary teams feel more comfortable identifying and treating substance use disorders," Huerta said. "We're beginning to change the culture."

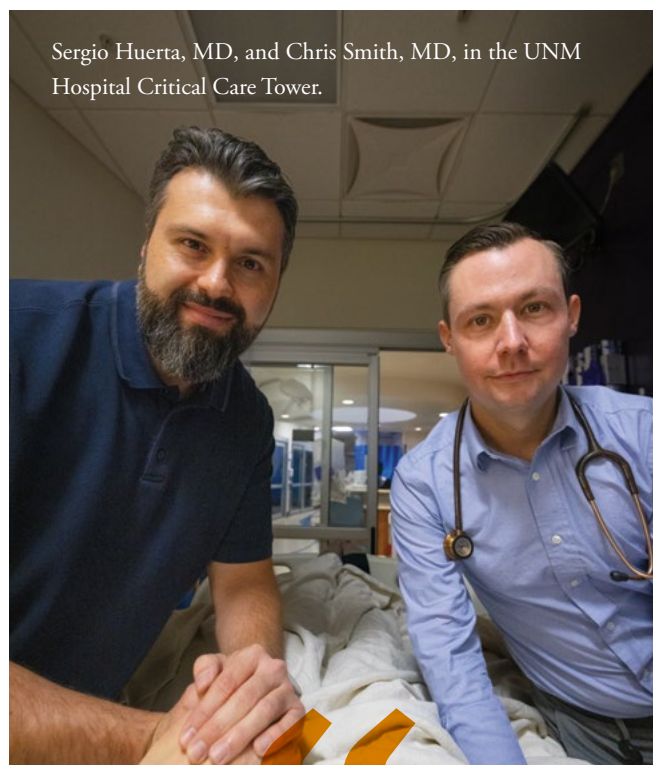
The CAMINOS program also provides an opportunity to disseminate knowledge about how to treat substance use disorder to other providers, he said. Medical students, residents and fellows now rotate through the service, learning to treat substance use disorders alongside experienced providers and peer support specialists.

"We weren't really taught that much about substance use disorder in medical school," Huerta said. "This is kind of a relatively new thing, and I think physicians and providers alike want to provide the best care they can. If they can't, sometimes they just won't approach something, right? That's part of what CAMINOS says: We know what those things are, we're here to help you. A lot of the providers are just so appreciative of that."

The CAMINOS team has also been educating other providers in treating substance use disorders, Huerta said.

"My big vision would be that other teams are starting patients on these medications, even without consulting us so it just becomes the standard of care," he said. "The ideal state in the future is that it's just so commonplace. That's what we're working towards, but until then, we're here to lead that charge."

Huerta and Smith see CAMINOS as a model for the future. They hope to expand the program to serve more patients, strengthen outpatient connections, and eventually help people across the state through call-in support lines and partnerships with other hospitals.



Sergio Huerta, MD, and Chris Smith, MD, in the UNM Hospital Critical Care Tower.

By offering treatment, we help them feel more comfortable, we help them stay and complete their care, and we give them a better chance at recovery, **That's what makes this work so meaningful."**

- Sergio Huerta, MD



Tim Sowicz, PhD, CNP, FIAAN, studies how nurses can expand access to health care.

# The Practice OF HEALING

## A Nurse's Perspective on Treating Substance Use Disorder

*By Christina V. Rodriguez*

**Before joining The University of New Mexico College of Nursing, Tim Sowicz, PhD, CNP, FIAAN, worked in Arizona, where his research focused on expanding behavioral health and substance use services in rural communities.**

He collaborated with community partners to study access gaps and develop intervention models – work that strengthened his interest in how nurses can address addiction and improve access to care.

When the opportunity arose to come to New Mexico, he saw the chance to explore how that experience could inform new approaches here.

Sowicz now serves as a clinician educator and associate professor at UNM, specializing in primary care, substance use and underserved populations. His research examines how nurses can expand access to treatment and improve health outcomes.

When Sowicz talks about his research, it always comes back to practice. “I mostly do qualitative research – and most of that is driven by clinical experiences,” he said.

Sowicz, originally from the East Coast, was studying HIV prevention and sexual health history-taking practices at a Federally Qualified Health Center for his dissertation research. During that project, he began seeing the connections between social conditions, health disparities and substance use.

“It wasn’t necessarily a clear plan,” Sowicz said. “It was more serendipity than anything else – just following what interested me at the time.”

That experience led him toward further study, including postdoctoral work in addiction science at the Veterans Affairs medical center in Pittsburgh. Over time, his clinical research interests began to converge around substance use and the complex systems that shape access to care.

Today, service, practice and research remain intertwined. Sowicz works as a nurse practitioner at Albuquerque Healthcare for the Homeless, where he often sees patients with alcohol and opioid use disorders.



On Fridays, he sees patients in the clinic, but on some Friday evenings, he will leave the clinic early and drive out to the International District, where he sees patients in the back of a van as part of the organization's outreach and harm reduction initiatives.

That work – community-based and grounded in harm reduction – informs everything about Sowicz's approach to research.

"It's great to give somebody medication to help treat an opioid use disorder," he said, "but if they still don't have housing, or still don't have health insurance or still are unemployed . . . can you ever really fully recover?"

For Sowicz, addressing addiction means addressing the full context of a person's life.

"The challenges are really addressing those social issues," he said. "We know from data that's collected at the federal level that mental health and behavioral health disorders co-occur very commonly with substance use disorders, and so it isn't enough to treat the opioid use disorder if you don't address the underlying mental or behavioral health issue, whether that's depression or schizophrenia or bipolar disorder."

At Albuquerque Healthcare for the Homeless, care is built around an integrated health model that brings together medical, psychiatric and behavioral health providers.

"We have both medical providers and two psychiatric mental health nurse practitioners – both of them are graduates of our program – and we have therapists," he said. "If one of my psychiatric NP colleagues is seeing a patient for, say, schizophrenia, and they complain about chest pain, I can very easily transition them to my schedule and evaluate their chest pain, and vice versa."

That model of collaboration is at the heart of Sowicz's research philosophy.

"I'm very interested in doing research to understand what are nurses' unique contributions to addiction recovery, helping people get into recovery for addiction," he said. "The thing that makes it different is the way I come at it – from the theoretical knowledge about nursing and what nursing is and what nurses do, which is different than what physicians and PAs and pharmacists do."

That translational approach also informs his international leadership. Sowicz serves as secretary of the U.S. chapter of the International Nurses Society on Addictions (IntNSA), a professional organization that advances excellence in addictions nursing through advocacy, education, research and policy development.

That same philosophy guided his national collaboration with the American Society for Pain Management Nursing and IntNSA to

publish practice guidelines, affirming the rights of people with both pain and substance use disorder to receive evidence-based compassionate care.

"Persons with co-occurring pain and substance use disorder have the right to be treated with dignity and respect, and receive evidence-based, high-quality assessment and management for both conditions using an integrated, holistic, multidimensional approach," the statement reads.

For Sowicz, that kind of work demonstrates how nursing research can drive practice and how practice, in turn, should inform the research that nurses pursue.



Being able to focus sometimes on not only diagnosing and treating people with substance use disorders, but actually **contributing to the body of knowledge and science that then informs that practice is really interesting,**"

- Tim Sowicz, PhD, CNP, FIAAN

That mindset also shapes his teaching.

"I think it [clinical practice] helps teaching and it helps research and scholarship," he said. "It's nice, because I have some expertise in managing addictions, which a whole lot of people don't do. I can come in and be that content expert across programs, not just in the advanced practice nurse programs, but also in the pre-licensure programs."

Even for students who aren't sure, he hopes exposure sparks empathy.

"I hope it gives students an appreciation," he said. "I hope it takes some of the fear out of students – that someone's addiction or their ability to have housing or not have housing is really just one piece of that person's story. Addiction, particularly opioid use disorder, is similar to health issues from the turn of the century. This is just our modern-day health crisis."

For Sowicz, the idea that research, practice and education are inseparable defines his role at the College of Nursing. His research has laid the foundation for the scholarship he continues to publish today and the work he'll lead next: Exploring how nursing research can change systems and strengthen recovery.



Mikiko Y. Takeda, Pharm.D., M.S., BCACP,  
FAES, outside of the UNM Pain Center.

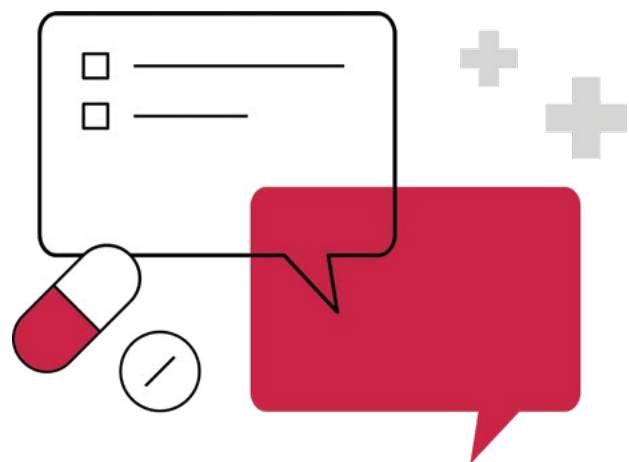
## Project ECHO's Opioid and Pain Management Training Takes Aim at New Mexico's Substance Use Epidemic

*By Michael Haederle*

**Twice a month, primary care providers from around New Mexico sign in to a video tutorial on opioid and pain management hosted by a five-member team of experts** led by Joanna Katzman, MD, director of Public Health Initiatives at The University of New Mexico's Project ECHO, and Brandon Warrick, MD, interim director of UNM's Poison Control Center.

The sessions are meant to bring health care providers working in rural and underserved locations up to speed on the best way to diagnose and treat their patients' pain, Katzman said.

"We go through optimal medication management," she said. "We cover things like how to taper opioids if you feel like the patient is taking too much and how to use opioids safely – because we don't believe that opioids are necessarily a bad thing and some patients with chronic pain need opioids."



Katzman, an emerita professor of Neurosurgery and longtime director of the UNM Pain Center, has long seen pain management training as an important way to address the state's opioid use epidemic, because over-prescription and misuse of opioid pain relievers are often a gateway to addiction.

In 2011 she was instrumental in persuading the New Mexico Legislature to mandate pain management training for the state's health care providers. The requirement includes all physicians, dentists, chiropractors, pharmacists and midlevel providers like nurse practitioners and physician assistants.

“They’re all required to have continuing medical education (CME) related to pain management, because the Legislature believed that every clinician, no matter what specialty, no matter what discipline, needed more training,” Katzman said, adding that the ECHO sessions count for CME credit.

The ECHO pain program started in 2008 as a way to share the pain management expertise available at New Mexico’s only academic health center. ECHO Pain has trained multiple federal agencies, including the Department of Veterans Affairs, the Department of Defense, the Indian Health Service, and more recently, the U.S. Public Health Service and the Centers for Disease Control and Prevention. Right now, 145 U.S. academic health and medical centers in more than 25 countries are also replicating this program.

“At the UNM ECHO Pain program, we have a bench of subject matter experts who virtually train clinicians in rural and underserved areas,” Katzman said. Both she and Radhika Grande, MBBS, MD, serve as the pain specialists for the multi-disciplinary team, which also includes Warrick as the addiction specialist, a pharmacist clinician, and a pain psychologist.

“When a clinician signs on to the session, they really get to see what an interdisciplinary pain team looks like,” Katzman said. “The curriculum is deliberately thought out. We have lectures on an introduction to pain, and an introduction to addiction. We have lectures on buprenorphine and how to take care of pain in primary care. Then we go through topics like low back pain, headaches, fibromyalgia and lectures on psychological aspects of pain, as well as motivational interviewing to communicate with patients who have pain to really address their needs.”

The ECHO team solicits real de-identified cases from the primary care providers for discussion and analysis, she said.

The sessions, which draw 50 to 75 participants per sessions, are highly interactive, with the providers also encouraged to share their own experiences, Katzman said. “A successful ECHO is when the participants are talking more than the hub team. That’s where we’re asking a participant to unmute and they’re teaching their colleagues. We call it All Teach, All Learn.”

Throughout the curriculum, primary care providers are encouraged to put their new skills to practical use, she said. “They could learn to perhaps understand the differences between a tension headache and a migraine headache, or use a medicine that they might have been afraid to. They might realize maybe it is a good idea to send this patient to physical therapy or maybe this patient is at risk, and really needs to go to someplace like the Pain Center.”

The curriculum also offers providers information on new, non-opioid medications for pain relief. “Pain medications and migraine

medications are really exploding right now,” Katzman. A class of both oral and injectable drugs called calcitonin gene-related peptide inhibitors are effective for relieving migraine pain, while a new FDA-approved non-opioid pain reliever called suzetrigine can be prescribed for acute pain without the risk of addiction, she said.

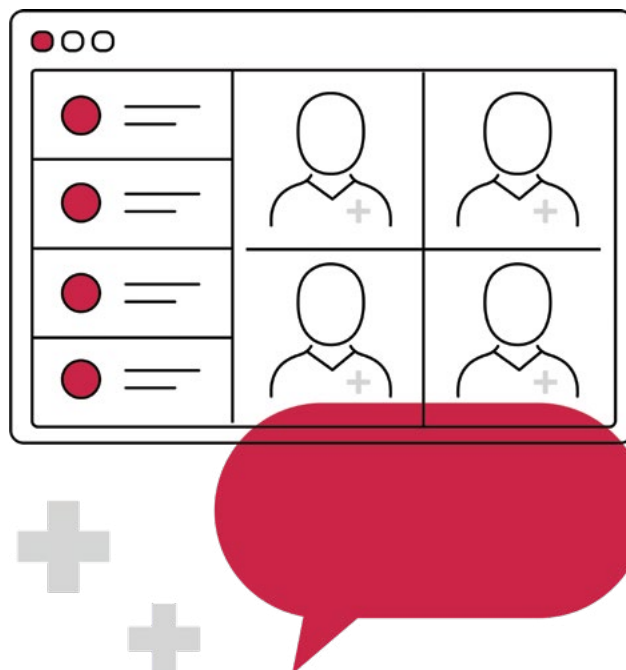
Medical school education on pain management tends to be somewhat perfunctory, but Katzman points out that pain is what drives most medical visits.

“Most people go to the doctor when they have a sore throat, headache, lower back pain, shoulder pain – it’s usually pain-related,” she said. “We doctors are just really not educated enough on how to take care of patients for a whole host of reasons.”

Chest pain and joint pain are common complaints in aging patients, she added. “If you can’t assess pain very well, you’re really at a loss, and if it’s an elderly patient or a patient with a cognitive problem, you’re even more at a loss – and people are suffering in silence.”

Katzman remembers that when she first moved to New Mexico from Los Angeles black tar heroin was the most widely abused opioid drug. Now, fentanyl is responsible for most of the state’s overdose deaths.

“Five years ago, we were not talking about the fentanyl crisis in New Mexico,” she said. “I think that for post-licensure clinicians, no matter what field, they need ongoing post-graduate continuing medical education. That’s why ECHO actually is really good and why continuing education is so vital, right? Whether it’s the latest medicines and research and rheumatology or bone health or addiction, things are changing, and it’s changing faster than we’re able to keep up.”





# EAT, SLEEP CONSOLE

## New Research Finds More Evidence in Favor of Family-Focused Treatment Method Designed for Babies Exposed to Opiates During Pregnancy

*By Bryan Schroeder*

**New research supports the effectiveness of the “Eat, Sleep, Console” (ESC) care approach for newborn babies experiencing opiate withdrawal - and the results are directly applicable to New Mexico’s population.**

The study involves newborn babies who were exposed to opiates during pregnancy and began to withdraw after birth, a condition called neonatal opiate withdrawal syndrome (NOWS), said Jessie Maxwell, MD, MBA, associate professor of Pediatrics and Neurosciences and director for neonatal research at The University of New Mexico.

The syndrome occurs when an opiate in the mother’s system travels through the placenta to the fetus in utero. When the baby is born and the placenta is removed, the baby begins to withdraw from the drug, she said.

Withdrawal is a potentially dangerous time for the baby, who may need special care to avoid serious side effects, such as seizures or even death, Maxwell said.

With the ESC treatment approach, developed by Matthew Grossman, MD, in 2014, the provider asks, “Can a baby be a baby?” Maxwell said. In other words, is the baby eating enough, sleeping enough and able to be consoled when upset? If not, the baby may need additional help. ESC treats family members as active participants in the baby’s care and minimizes the use of medication-based treatment.

The new study found that newborns treated with ESC generally scored higher on the Bayley-4 neurodevelopmental test at 2 years of age, compared with babies who received alternative treatment,

categorized as “usual care,” Maxwell said. Bayley-4 tests for aspects of child development such as fine-motor skills, language and cognitive development, she said.

In addition, the new study determined that ESC treatment is safe, Maxwell said.

“This tells us, within the hospital population, ESC is the way to support this population, to assess them, to have that determine when they need pharmacological treatment or other interventions,” she said. “I think it’s going to be the gold standard moving forward.”

However, the new research also revealed that, overall, the children in the study had below-average neurodevelopmental scores compared to the normal population, although the ESC group still scored better than the usual-care group, Maxwell said. These scores are only a snapshot in time, she said.

“It tells us this population is at high risk to have difficulties down the road,” she said. “It doesn’t mean that they will.” She emphasized the importance of early intervention support to aid in these children’s development.

The children in the new study are a subgroup of ones who were enrolled in a previous study under the umbrella of the “Eat, Sleep, Console – Neonatal Opiate Withdrawal” (ESC-NOW) trial, to which Maxwell is a contributor.

In the first ESC-NOW study, the results of which were published in 2023, researchers compared the effectiveness of ESC to usual care, known as the Finnegan Neonatal Abstinence Scoring Tool (or simply, “the Finnegan”), Maxwell said. UNM Hospital used the Finnegan prior to the original study, she said. Randomly selected sites, including UNMH, switched from usual care to ESC during that study.

“What that study showed is that we were able to decrease the length of that birth hospitalization time by almost a week, which was a huge win for this population,” Maxwell said. Further, babies in the ESC group had a “significantly lower” need for pharmacological treatment, she said.

The Finnegan, developed by Loretta Finnegan, MD, in 1975, is a checklist of symptoms that providers can use to determine when to begin using pharmacological treatment for the baby. This method can be time-consuming for bedside nurses and does not include the baby’s family in treatment, Maxwell said.

In contrast, ESC is a family-focused treatment method with a couple of important benefits over the Finnegan, she said.

“One is that because ESC is really focused on the baby being a baby, that really empowers the family to be involved in that process,” she said. Maxwell believes the family’s involvement is a key factor in the success of ESC care.

Second, ESC reduces the need for pharmacological treatment, instead relying on improvements to the baby's environment – such as keeping the surroundings quiet enough for the baby to sleep, Maxwell said. Using medication with these infants is “not ideal,” although it may be a necessary part of the risk/benefit equation to ensure the baby is safe, she said.

The ESC-NOW trial follows in the wake of an opioid epidemic that began about 20 years ago, Maxwell said. As more people – including pregnant individuals – used opiates, more developing fetuses were exposed to opiates in utero, she said.

Today, as research results come in, opioids still plague the U.S., with 50,000–80,000 Americans dying of opiate overdoses each year, Maxwell said. “Also, when we look at New Mexico’s rates compared to national rates, New Mexico has far higher rates that are continuing to rise compared to the national rates,” she said.

The ESC-NOW trial includes New Mexico subjects, and the new research has positive implications for New Mexicans, Maxwell said. She expressed gratitude to the trial participants and everyone who has worked on it.

“I’m very excited that New Mexico has been able to participate in these trials, because then that’s our population that’s represented,” she said. “That’s our population that we’re ensuring this works for.”

One benefit is that with ESC, rural hospitals will now have an effective tool with which to treat babies who have NOWS. Historically, community hospitals have often had to transfer these babies to Albuquerque so that they can receive pharmacological care from a hospital like UNM, which has a Level IV neonatal intensive care unit, Maxwell said. These transfers can be costly, not to mention stressful on the baby and the baby’s family, she said. And, fewer babies needing pharmacological treatment is a benefit in itself, Maxwell said.

She has visited three rural hospitals in New Mexico to teach ESC care, using an award from the New Mexico Technology Enhancement Fund, and plans to visit more hospitals.

“We’ll be able to keep more infants in their community with their families, and create less disruption during that critical bonding period,” she said. “Overall, it’s going to mean improvement for our patients across the state.”

Another positive effect from the new research is that health providers around New Mexico will know the importance of follow-up care for these vulnerable babies, Maxwell said. “Really making sure that we support this population in their development will be critically important,” she said.

Maxwell noted that UNM has several programs that help with child development, including the Milagro Clinic for pregnant individuals, led by Larry Leeman, MD, the FOCUS Early Intervention Program, led by Heather Pratt-Chavez, MD, and the Special Baby Clinic, led by Dawn Novak, MD.

“All of those are really important to highlight – that we have a lot of nice support within UNM that we’re able to utilize,” Maxwell said.

Looking ahead, she hopes that researchers will be able to do additional follow-ups with the children in the ESC-NOW trial.

“It would be spectacular if we would be able to follow these kids even further out and watch them grow and develop and see how they do down the road,” she said. 🍷



Jessie Maxwell, MD, MBA, has found a better way to wean infants from opioid dependency.

# FROM FAMILY DINNERS TO FAMILY TREES

## How UNM's Family Listening Program Works with Southwest Tribal Communities to Support Healthier Relationships

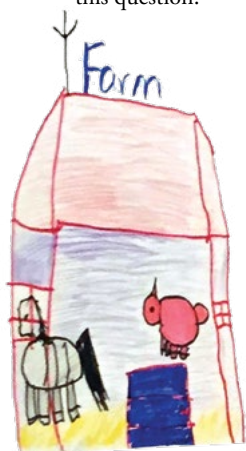
By Jill Rothenberg

**For 25 years, parents, kids and elders from three New Mexico tribal communities have partnered with University of New Mexico researchers to shape family-centered prevention programs tailored to their culture and history.**

The collaboration with the Center for Participatory Research (CPR) in the UNM College of Population Health enlists the tribes' own facilitators to implement the Family Listening Program, whose overall mission is to prevent substance use among children and promote intergenerational communication and strong families.

The program has its roots in federally funded research conducted by Nina Wallerstein, DrPH, Distinguished Professor of Public Health, and Lorenda Belone, PhD, MPH, professor of Population Health. Their study looked at how the concept of social capital – the value that comes from people working together, supporting one another and sharing information or resources – operated in tribal communities.

"There was this notion that the greater your social capital, the better your health," Belone said. "But what wasn't known was, what does this mean in communities of color?" Interviews within tribal communities – and especially with elders – would begin to answer this question.



"An aha moment for them was that they had kindergarteners who didn't speak the language," she said. "The elders were saying, 'The youth don't listen to us,' and the youth were saying that 'The elders don't listen to us.' So, this loss of language and loss of communication is also the loss of cultural transmission of knowledge."

Belone and her colleagues combed through the literature for studies on Native American health and discovered the work of sociologist Les B. Whitbeck, who had done similar studies with

the Ojibwe, the Anishinaabe people.

"He had heard similar responses from elders," Belone said. "What he did was take a mainstream program called the Family Strengthening Program and adapted it to the Ojibwe people. That led to our partnerships with the Navajo and Pueblo communities, which evolved into the Family Listening Program."

UNM CPR's first partnership was with Jemez Pueblo in north-central New Mexico and the Ramah chapter of the Navajo Nation in western New Mexico, under a Native American Research Center for Health grant funded by the Indian Health Service and the National Institutes of Health (NIH).

The Family Listening Program grew to include the Mescalero Apache Reservation in the south-central part of the state at a time when curricula were developed by these teams in response to community needs and cultural values.

This work led to the first NIH R01 grant with the tribes, which ran six waves of the program under the leadership of tribal research teams – often community members who were teachers, counselors, social workers in other tribal prevention programs, or leaders of tribal civic groups, such as the Boys and Girls Club.

Benelda Cohoe-Belone, the Ramah Navajo Family Listening program facilitator and program manager for the Ramah Navajo Prevention Program, attended the Community-Based Participatory Research Institute to learn how to conduct the research.

She and a colleague worked with a 200-question survey for families to answer. The first years of the program took shape based on this research conducted within the community, on earlier interviews with



Artwork by Family Listening Project participants





elders and the original curriculum with the Anishinaabe.

A central feature of the 12-week Family Listening program is encouraging participants to share a family meal, fostering conversation between kids, their parents, elders and friends.

“The first meal that we have, it’s very quiet,” Cohoe-Belone said. “We tell them to put their phones away. This is the time to be together and visit, and it’s almost like we have to teach them how. By the end of the session, it’s a lot more natural. We hear the conversations.”

The reticence is replaced by a kinship built on group exercises and role-playing, with lots of laughter and growing interest in tribal values and history, Cohoe-Belone said.

Over 12 weeks the young people learn their clan names, how to introduce themselves in their language, draw their tribal history, list the qualities of good communication and what makes their communities special. They also take part in role-playing exercises about how to handle anger. Participants of all ages say that they feel much more connected to their homes, families and tribal history.

“When I participated in the program eight years ago, I learned to speak in front of others, and to say the name of my clan out loud,” said one young woman from the Ramah Navajo program, who went on to help facilitate the program in her community.

Learning from elders how to introduce themselves in their language and to understand the Navajo cycle of life and the importance of values like responsibility, commitment and building community gives the children and other participants pride in who they are. This creates greater resilience in preventing the risky behavior associated with drug and alcohol use among tribal youth, Cohoe-Belone said.

In the Mescalero Apache program, the curriculum is centered around Mescalero

history and practical exercises for learning healthy coping and anger management skills that lead to positive choices.

All of the tribes work toward capstone community action projects with the goal of creating a project that benefits the community: Restoring a walking trail, cleaning up litter, organizing a clothing drive or planning a community meal.

A second federal grant focused on implementation science. The three tribal research teams became coaches and are currently coaching new research teams in three communities – Torreon on the Navajo Nation, Santa Ana Pueblo and Nahata Dził on the Navajo Nation in Arizona. They’re learning how to adapt the curriculum to their communities and how to best implement the program based on their learnings on what worked and what didn’t.

Belone and the Family Listening Project team hope to roll out the program on a national level by collaborating with organizations such as the National Indian Child Welfare Association and Substance Abuse and Mental Health Services Administration.

“In looking to the future and the next NIH study, we propose to have six tribal Family Listening Program coaching teams to train other tribes nationally,” Belone said.

And although the program has evolved through the years – from 12-week sessions into an annual two-day conference in Albuquerque with continued support from CPR and tribal

research facilitators – the impact of the Family Listening Program will continue for generations.

“I had a few of my grandsons go through the program,” said one Mescalero participant. “I liked that they wanted to come to class. Once the kids know what’s going on, they start to enjoy the activities. And they’re the ones who influence their parents to come to class every week.”

“There are a lot of parents out there who really need this,” added a Mescalero parent. “It was a huge help for my family.”



History of Ramah Community  
My clan Public Speaking  
Good Listening  
Team Work  
Team building @ games  
Making!  
Friends!

# UNM's Undergraduate Pathways Network **Opens Doors** for Students Interested in Biomedical Research

*By Bryan Schroeder*

Jennifer Gillette, PhD, mentors undergraduates interested in scientific research.



**Each summer, Jennifer Gillette, PhD, leads undergraduate students on a journey of scientific discovery at The University of New Mexico, giving each cohort a glimpse into what it means to be a full-time biomedical researcher.**

Gillette has been the director of the UNM's Undergraduate Pathways Network (UPN) since 2013. The 10-week program brings together a group of science-focused undergraduate students who perform research under the guidance of a mentor, participate in professional development seminars and get to know each other via social activities and networking.

"The great part of the Undergraduate Pathways Network is that I really look at it as a foundational umbrella for all undergraduate summer researchers," said Gillette, who is also a professor in the Department of Pathology in the UNM School of Medicine, and the associate director for education, training and mentoring for the UNM Comprehensive Cancer Center.

Applicants needn't have prior research experience, she said. Gillette matches each UPN participant with a relevant scientific discipline and a mentor in that field.

Available disciplines include cancer biology, cardiovascular diseases, infectious diseases, neurosciences, population sciences, toxicology and pharmaceutical sciences – and many more.

Grants provide most of UPN's funding, and they have allowed the program to grow over time, Gillette said.

"It's always exciting," she said. "Every cohort has a different feel with a unique group of students that comes together. It's always fun watching relationships develop." The bonds can last a lifetime, she





said.

Further, the program teaches students transferable skills.

“Coming in and engaging in research helps them to learn critical thinking skills and how to evaluate data, and they also experience working in a team environment that is sometimes stressful,” Gillette said. “Those are all skill sets that you could take with you no matter what career path you take. Not to mention, the more connections you have, the better you are.”

A final symposium at the end of the summer allows the student researchers to present their findings, not only to the public, but to their families and friends, she said.

“There’s a level of empowerment, not just for the student, but for the family, especially for a lot of our students, who are typically rural or under-resourced – a lot of them are first generation,” she said.

“This is a real kind of eye-opening moment. Without this experience, you probably don’t have the same level of confidence and understanding of what a career in science could look like, and the breadth of opportunity that exists in science.”

Federica Martinelli, a UNM undergraduate student who is from Italy,

completed UPN in 2025.

“What really made UPN special was the sense of belonging that they managed to create, because I think it created a space where I really felt supported, included,” Martinelli said. “I think that made a big difference.”

She said her legs were shaking the morning of the research symposium, but she gained confidence leading up to her presentation to the judges.

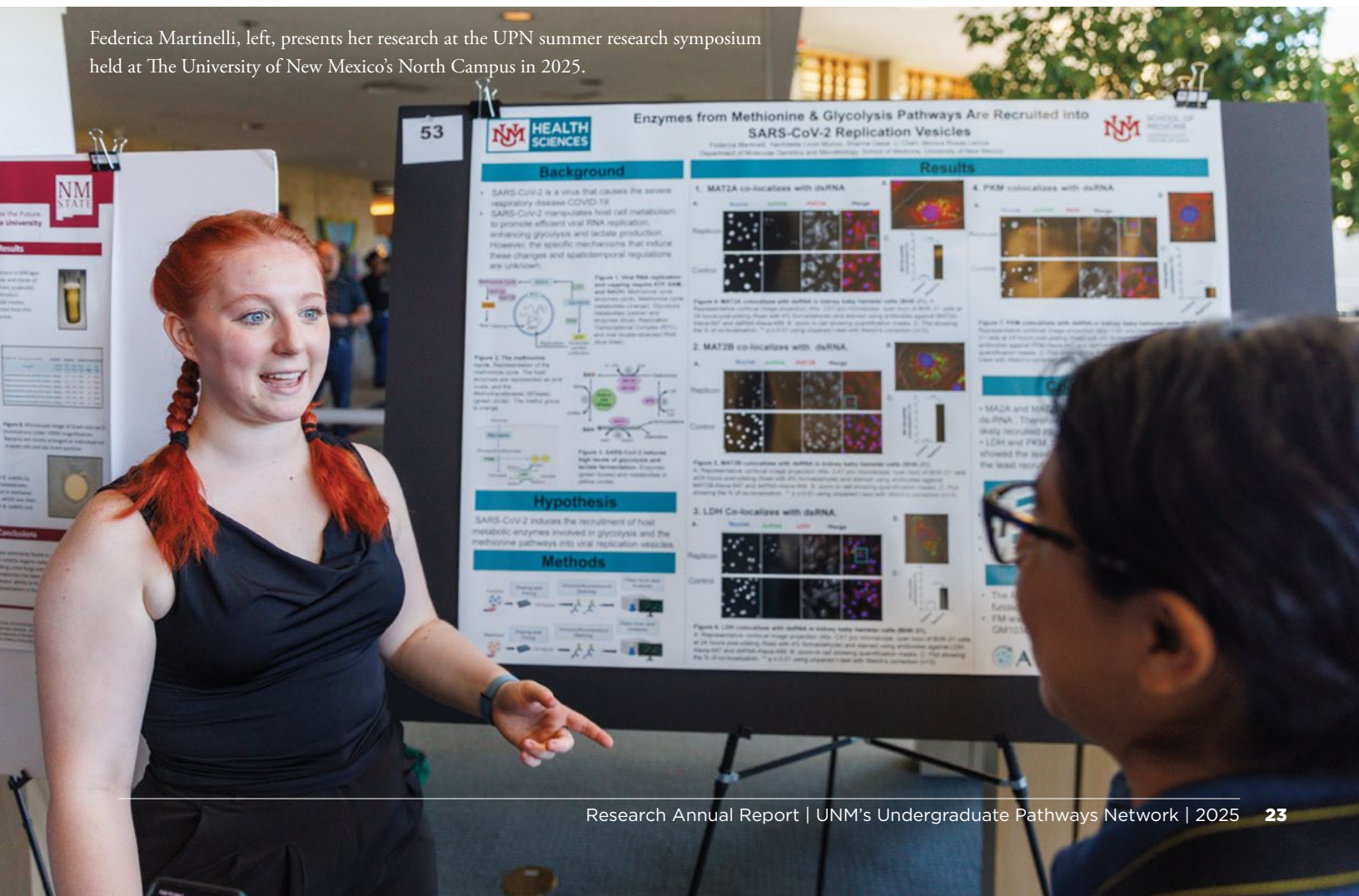
“I was lucky enough that I had people coming prior to the judges, and so I got to warm up a little bit, and then the feeling of, ‘Oh my God, I’m doing this, I did this, I got this’ – makes you really supercharged, and you feel really proud,” Martinelli said.

She did so well, her poster won an award – a first for the research lab she had worked in that summer.

“It was a really joyful moment,” she said.

Martinelli is now working on a bachelor’s degree in biochemistry and plans to go to graduate school to study research.

Federica Martinelli, left, presents her research at the UPN summer research symposium held at The University of New Mexico’s North Campus in 2025.







**Gabriela Acosta, PhD Candidate**

Neurosciences

T32 Scholar, NIAAA

*The neurobiological and molecular mechanisms of spatial memory impairments caused by prenatal alcohol exposure, with a focus on hippocampal and thalamic circuit function and GABA receptor dysfunction.*

Mentor: Benjamin Clark, PhD



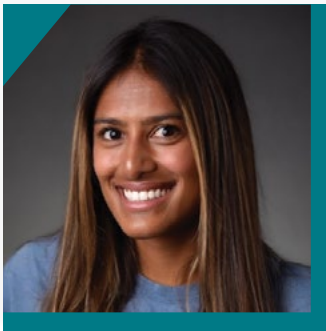
**Daisy Belmares-Ortega, MD/PhD Candidate**

Emergency Medicine

T32 Scholar, NIGMS

*Biomedical engineering*

Mentor: NA



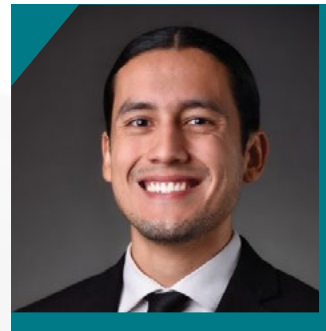
**Simran Bhardwaj, MD/PhD Candidate**

Emergency Medicine

T32 Scholar, NIGMS

*Cancer biology*

Mentor: Sarah Adams, MD



**Eduardo Carrillo, MD/PhD Candidate**

Emergency Medicine

T32 Scholar, NIGMS

*Advancing treatments for neurodegenerative disorders and expanding access to care for underserved populations.*

Mentors: Andrea Holgado, PhD; Sam McKenzie, PhD



**Margaret Greenwood-Ericksen, MD**

Emergency Medicine

K08 Scholar, AHRA

*Measuring the effectiveness of New Mexico Medicaid's Alternative Payment Model as an intervention in rural and URM communities and scaling these findings nationally.*

Mentor: Larissa Myaskovsky, PhD



**Brooke Hafer, MD/PhD Candidate**

Neurosciences

T32 Scholar, NIAAA

*Studying how prenatal alcohol exposure alters the excitatory/inhibitory balance and circuit dynamics in the posterior parietal cortex and medial prefrontal cortex during translational touch screen testing of cognitive control.*

Mentor: Jonathan Brigman, PhD



**Allyson Hoag, PhD**

Internal Medicine  
F31 Scholar, NIGMS

*DNA repair mechanisms, genetic disorders, cancer progression, chemotherapeutic resistance.*

Mentors: Alan Tomkinson, PhD; Mary Ann Osley, PhD; Peng Mao, PhD

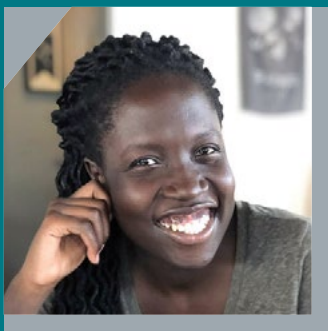


**Jonathan Hulse, PhD**

Molecular Genetics & Microbiology  
T32 Scholar, NIH

*Developing vaccines to address tau pathology and neuroinflammation in Alzheimer's disease and related dementias.*

Mentor: Kiran Bhaskar, PhD



**Andzoa Jamus, PhD**

Molecular Genetics & Microbiology  
F31 Scholar, NIAID

*Investigation, development and optimization of vaccines against Chlamydia using a bacteriophage virus-like particle platform.*

Mentor: Kathryn Fietze, PhD

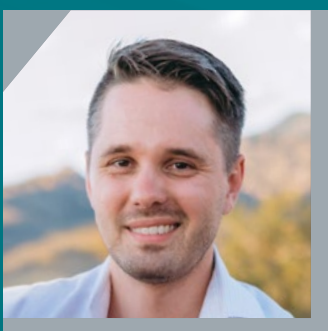


**Hannah Kaye, PhD Candidate**

Pathology  
T32 Scholar, NIH

*Studying how allergen structure shapes FcεRI aggregates and alters downstream signaling, how the mast cell environment and integrin crosstalk with FcεRI signaling and how receptor packing and mechanical tension in the absence of crosslinking act as cues that influence mast-cell activation*

Mentor: Diane Lidke, PhD



**Stefan D. Klimaj, PhD Candidate**

Molecular Genetics & Microbiology  
T32 Scholar, NIAID

*Studying whether type I interferon signaling in human vascular endothelial cells during Seoul virus infection promotes inflammation and the recruitment of pro-inflammatory immune cells, driving the pathogenesis observed in human infection.*

Mentor: Alison Kell, PhD



**Autumn LaPointe, PhD**

Molecular Genetics & Microbiology  
T32 Scholar, NIH

*Studying the host-pathogen interactions in hantavirus infection of host and reservoir cells*

Mentors: Alison Kell, PhD; Bryce Chackerian, PhD; Michael Mandell, PhD; Steven Bradfute, PhD



**Katalina Lopez, PhD Candidate**

Neurosciences

T32 Scholar, NIAAA

*Exploring the impact of third-trimester alcohol exposure on learning and memory deficits through an in-depth analysis of the subiculum's Vglut2+ bursting neurons.*

Mentor: C. Fernando Valenzuela, MD, PhD



**Aubry Matter, MD/PhD Candidate**

Emergency Medicine

T32 Scholar, NIGMS

*Neuroimmunology, immunology, infectious disease*

Mentor: Justin Baca, MD, PhD



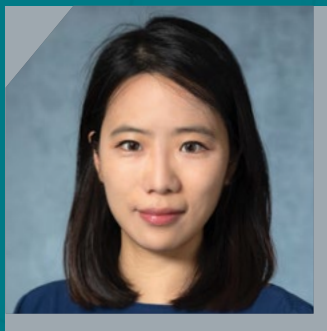
**Abbey Myrick, PhD Candidate**

Neurosciences

F31 Scholar, NIAAA

*Investigating how sharp wave ripples – a neural oscillation that plays a vital role in learning and memory – may be disrupted, and how this translates to downstream effects on the retrosplenial cortex and memory consolidation over time.*

Mentors: David Linsenbardt, PhD; Samuel McKenzie, PhD; C. Fernando Valenzuela, MD, PhD; Julia Stephen, PhD



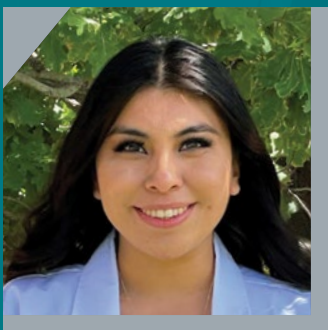
**Seeun Oh, PhD**

Molecular Genetics & Microbiology

T32 Scholar, NIH

*Understanding how CASM (Conjugation of Atg8s on Single Membranes) contributes to the maintenance of Golgi architecture and lysosomal homeostasis, using TRIM46 knockout cells as a model system that exhibits increased CASM activity at the Golgi*

Mentor: Michael Mandell, PhD



**Monserrat Orozco, PhD Candidate**

Neurosciences

T32 Scholar, NIAAA

*Studying how high-intensity drinking affects different cell types in the brain's reward system by studying molecular and electrophysiological changes in the nucleus accumbens, and how these changes impact motivation and behaviors associated with high-intensity drinking.*

Mentor: David N. Linsenbardt, PhD



**Arasely Rodriguez, PhD Candidate**

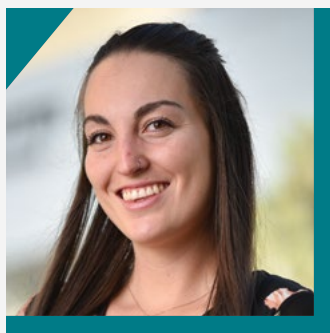
Neurosciences

F31 Scholar, NIAA

*Therapeutic intervention of impaired enrichment-mediated neurogenesis in prenatal alcohol-exposed mice.*

Mentors: Elif Tunc-Ozcan, PhD; Lee Anna Cunningham, PhD





**Isabella Romano, PhD**  
Molecular Genetics & Microbiology  
F31 Scholar, NIDA  
*Bacteriophage virus-like particle vaccines against oxycodone*  
Mentor: Kathryn Fietze, PhD



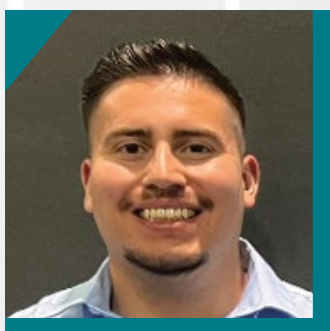
**Acacia Shouse, MD/PhD Candidate**  
Emergency Medicine  
F30 Scholar, NIAID  
*Interleukin-2 signaling in the regulation of T cell biology in autoimmunity and cancer*  
Mentors: Thomas Malek, PhD; Justin Baca, MD, PhD



**Myranda Thompson, PhD Candidate**  
Internal Medicine  
T32 Scholar, NIH  
*Studying how the enterohemorrhagic E. coli toxin EspP alters intestinal epithelial biology and the mucosal immune response.*  
Mentor: Julie In, PhD



**Megan Tuineau, PhD Candidate**  
Cell Biology & Physiology  
F31 Scholar, NHLBI  
*Studying how hypoxia influences the cellular localization of acid-sensing ion channel 1a and its subsequent impact on pulmonary arterial smooth muscle cell function, particularly in the context of pulmonary hypertension.*  
Mentor: Nikki Jernigan, PhD



**Luke Villareal, PhD**  
Biochemistry & Molecular Biology  
T32 Scholar, NIAID  
*Infectious colitis*  
Mentor: Xiang Xue, PhD



**Zoe E.R. Wilton, PhD Candidate**  
Molecular Genetics & Microbiology  
T32 Grant, NIAID  
*The role of neutrophils in antibody-mediated protection against urogenital Chlamydia trachomatis infection*  
Mentor: Kathryn Fietze, PhD

## EXCELLENCE IN RESEARCH AWARDS 2025

Six University of New Mexico Health Sciences faculty members were honored on Nov. 5, 2025, with UNM's 17th annual Excellence in Research Awards.

The scientists received the awards in a ceremony held at the Domenici Center for Health Sciences Education on UNM's North Campus. Each was nominated by their peers, said Hengameh Raissy, PharmD, Vice President for Research, Health Sciences.

"These awardees remind us of the importance of research as we advance science and train the next generation of the scientists," Raissy said: "We are proud to celebrate their outstanding contributions to biomedical sciences and improved health outcomes, including the generation of new knowledge, the development of innovative treatments and interventions and the advancement of scholarship to enhance learning."



### **Alan Tomkinson, PhD**

Internal Medicine, *Basic Science*

Alan Tomkinson, PhD, professor in the Department of Internal Medicine, received the Basic Science Research award. A major focus of his work at the UNM Comprehensive Cancer Center has been to use DNA ligase inhibitors identified in a structure-based screen to probe DNA ligase functions in non-malignant and cancer cells. His lab showed that cancer cells respond differently to agents that target mitochondrial genome maintenance, identifying opportunities for the development of novel therapeutic strategies.

### **Sarah Piro Richardson, MD, FAAN**

Neurology, *Clinical Science*

Sarah Piro Richardson, MD, a professor of Neurology and co-director of the Nene & Jamie Koch Comprehensive Movement Disorder Center, received the Clinical Science Award. In a study on focal hand dystonia, she and colleagues observed abnormally elevated dorsal premotor-motor intracortical inhibition at rest – a finding that persisted during movement and may reflect a compensatory mechanism or serve as a dystonia biomarker. She has also made multiple contributions to understanding cortical inhibition in dystonia.

### **Tae-Hyung Kim, PhD, MS**

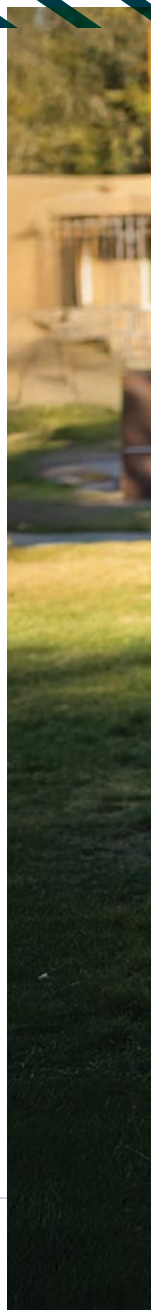
Pathology, *Junior Faculty*

Tae-Hyung Kim, PhD, MS, an assistant professor of Pathology, received the Junior Faculty award. At UNM he has been investigating the effects of high extracellular glucose levels on the mechanotype and function of cancer cells and immune cells. His research aims to elucidate the mechanisms underlying cancer progression and to identify potential targets for novel therapies. He has demonstrated a deep commitment to academic mentorship, actively participating in the Undergraduate Pipeline Network.

### **Shuguang Leng, MBBS, PhD**

Internal Medicine, *Population Science*

Shuguang Leng, MBBS, PhD, an associate professor of Internal Medicine, received the Population Science award. His research focuses on how combustion-derived particulate matter – especially from wildfires – affects respiratory and cardiovascular health, accelerates aging and contributes to health disparities. His work skillfully integrates molecular biology, epidemiology and environmental health. As principal investigator on multiple high-impact grants, he is advancing the understanding of gene-environment interactions and biomarker discovery.





### Karla Thornton, MD, MPH

Internal Medicine, *Scholarship of Teaching and Learning*

Karla Thornton, MD, MPH, professor of Internal Medicine and executive director of Project ECHO, received the Scholarship of Teaching and Learning award. An infectious disease expert, she was a founding faculty member of ECHO's original hepatitis C program in 2003. She played a central role in developing the case-based tele-mentoring model that has since become a global platform for lifelong learning, shaping how thousands of health professionals gain knowledge and confidence in treating hepatitis C and related conditions.

### Elizabeth Yakes Jimenez, PhD, MS, RDN

College of Population Health, *Team Science*

Elizabeth Yakes Jimenez, PhD, MS, RDN, professor in the College of Population Health, received the Team Science award. Her work has advanced interventions addressing chronic disease, malnutrition, maternal and child food and nutrition security, and integration of health and community services – locally, nationally and globally. She has contributed her own interdisciplinary expertise in both nutrition and epidemiology to these projects while working with community members and experts in agriculture, economics, political science and medicine.



Michael E. Richards, MD, MPA; Christopher Amos PhD; Sarah Pirio Richardson, MD; David Schade, MD; Iris Thornton-Gonzalez; Tae-Hyung Kim, PhD; Elizabeth Yakes Jimenez, PhD; Hengameh Raissy, PharmD.



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## OFFICE OF THE VICE PRESIDENT, HEALTH SCIENCES RESEARCH

### Christina Lounsbury

N.M. Higher Education Department  
N.M. HSD Equipment Renewal  
and Replacement for the HSC \$127,913

### Jennifer Phillips

Albuquerque Area Indian  
Health Service  
Zuni Service Unit \$101,293

N.M. Department of Health  
Provide Physician, PA and/or NP  
Services at DOH NMBHI and  
Satellite Clinics \$21,000

N.M. Department of Health  
Provide Physician, PA and/or NP  
Services at DOH NMBHI and  
Satellite Clinics \$128,000

N.M. Department of Health  
Provide Physician, PA, and/or NP  
Services at DOH NMBHI and  
Satellite Clinics - Specific  
Supplement \$33,000

### Michael Richards

N.M. Children, Youth & Families  
Department  
CYFD Service Mapping and  
Gap Analysis \$234,347

## HEALTH SCIENCES CENTER OFFICE OF RESEARCH

### Larissa Myaskovsky

National Institute on Minority  
Health and Health Disparities  
Access to Kidney Transplantation  
in Minority Populations - Non-  
Specific Supplement \$50,503

### Hengameh Raissy

N.M. Higher Education Department  
Q3 Award Cycle: Technology  
Enhancement Funds \$300,000

N.M. Higher Education Department  
Q4 Award Cycle: Technology  
Enhancement Funds \$600,000

### Animal Resource Facility

### Tara Konecny

N.M. Veterans Affairs Health  
Care System  
Veterinary Services for the N.M. Veterans

Affairs Health Care System April  
2025-March 2026 -Continuation \$35,819

National Institutes of Health  
Office of the Director  
Biomedical Research Facilities:  
Advancing Research-Related  
Operations \$350,000

### Center for Healthcare Equity in Kidney Disease

### Larissa Myaskovsky

National Institute on Minority  
Health and Health Disparities  
Access to Kidney Transplantation  
in Minority Populations  
- Continuation \$454,544

University of Colorado  
NAVIGATE Kidney: A Multi-Level  
Intervention to Reduce Kidney  
Health Disparities - Continuation \$266,489

### Center for Infectious Diseases & Immunity

### Michelle Ozbun

National Institute of Allergy and  
Infectious Diseases  
Biology of Infectious Disease and  
Inflammation - Continuation \$291,041

National Institute of Allergy and  
Infectious Diseases  
Biology of Infectious Disease and  
Inflammation - Non-Specific  
Supplement \$5,340

### Terry Wu

Lawrence Livermore National  
Laboratory  
LLNL STNI-17-TA1-1-0042 -  
Mod 10 \$80,000

Lawrence Livermore National  
Laboratory  
LLNL STNI-17-TA1-1-0042 - Non-  
Specific Supplement MOD 11 \$120,000

Lawrence Livermore National  
Laboratory  
LLNL STNI-17-TA1-1-0042 - Non-  
Specific Supplement Mod 12 \$85,000

Lawrence Livermore National  
Laboratory  
LLNL STNI-17-TA1-1-0042 - Non-  
Specific Supplement Mod 9 \$80,000

### Center for Memory & Aging

### Gary Rosenberg

University of Washington  
National Alzheimer's Coordinating  
Center - Specific Supplement \$4,800

University of Washington  
National Alzheimer's Coordinating  
Center - UW Subaward \$25,000

## HEALTH SCIENCES LIBRARY & INFORMATICS CENTER

### Abbie Olivas

N.M. Historical Records Advisory  
Board  
Improving Collections Care  
at HSLIC \$4,963

## CLINICAL & TRANSLATIONAL SCIENCE CENTER

### Kathryn Fietze

National Institute of Allergy and  
Infectious Diseases  
Bacteriophage Virus-Like Particle  
Vaccines for Chlamydia Trachomatis  
Urogenital Infection -  
Continuation Y3 \$371,365

### Ivy Hurwitz

New Mexico Start-Up Factory  
Development and Optimization of  
an Extended-Release Formulation  
of Yeast \$18,000

### Hellen Ko

RTI International  
WEANING - ACT NOWS  
Continuation - Non-Specific  
Supplement \$85,694

### Alberta Kong

University of Arkansas  
Protocol Chair Dr. Kong for the  
Obesity Study (Previously  
Phentermine) - Year 4 \$66,005

### Jessie Maxwell

University of Arkansas  
DCOC Leadership Committee -  
Maxwell - Year 4 \$48,579

University of Arkansas  
Junior Pilot INTACT Protocol  
Chair - ISPCTN - Cycle 3 Year 5 \$30,802

University of Arkansas  
Pilot Feasibility Trial of Improving  
Neurodevelopmental Outcomes  
After Prenatal Cannabinoid in  
Utero Exposure (INTACT) \$53,070



**Eric Prossnitz**

New Mexico Start-Up Factory  
*Year 3: Development of an Educational Product for Accelerating Solutions for Commercialization and Entrepreneurial Development in Western IDeA States - Continuation* \$59,924

**Hengameh Raissy**

National Institutes of Health  
 Office of the Director  
*SPCTN -UNM Pediatric Clinical Trials Center in IDeA States Pediatric Clinical Trials - Continuation* \$373,148

**Kristin Raschke**

University of Arkansas  
*BREATHE Study: Bronchitis Recovery and the Use of High-Efficiency Particle Air Filters - Continuation* \$15,250

**David Sosa**

University of Rochester  
*ASSERT-AF Insertable Cardiac Monitor for Primary Atrial Fibrillation Detection in High-Risk Heart Failure Patients* \$90,675

**Andrew Sussman**

National Institutes of Health  
 Office of the Director  
*Primary Care - Building Research Integration in Diverse Geographic Environments* \$1,997,723

**Rawan Tarawneh**

Columbia University  
*MAP - Cost Reimbursement - Continuation* \$22,199

## COLLEGE OF NURSING

**Christine Cogil**

Bureau of Health Workforce  
*Advanced Nursing Education Workforce - Continuation* \$650,000

**Barbara Damron**

Complete College America  
*Implementing the Corequisite Developmental Education Model* \$145,000

**Katie Kivlighan**

University of Massachusetts  
*Mammary Epithelium Permeability, Lactation Outcomes and Infant Health - Continuation* \$213,866

W.K. Kellogg Foundation  
*UNM Birth Companion Program* \$200,000

**Felina Ortiz**

Bureau of Health Workforce  
*Advancing Midwifery Outcomes and Resiliency - Continuation* \$1,000,000

**Stephen Roper**

City of Albuquerque  
*Geriatric Education and Health Maintenance & HUD Expansion* \$198,000

City of Albuquerque

*Geriatric Education and Health Maintenance & HUD Expansion* \$198,000

**Gina Rowe**

University of Cincinnati  
*Eliminating Structural Racism in Nursing Academia: A Systems Change Approach to Anti-Racist Nursing Education - Continuation* \$2,500

## COLLEGE OF PHARMACY

**Ludmila Bakhireva**

National Institute on Drug Abuse  
*18/24 the Healthy Brain and Child Development National Consortium - Non-Specific Supplement* \$232,852

National Institutes of Health  
*18/24 the Healthy Brain and Child Development National Consortium - Continuation* \$1,368,728

National Institutes of Health  
*18/24 the Healthy Brain and Child Development National Consortium - Non-Specific Supplement* \$274,879

University of California, San Diego  
*HBCE Peer Navigator - Continuation* \$49,349

University of California, San Diego  
*HBCE Peer Navigator - Non-Specific Supplement* \$76,479

University of California, San Diego  
*HBCE- Opportunity Pool* \$38,564

**Amanda Barkley-Levenson**

National Institute on Alcohol Abuse and Alcoholism  
*Identification and Characterization of Novel Genetic Mechanisms in Alcohol Use Disorder and Excessive Drinking - Continuation* \$243,381

**Sarah Blossom**

Columbia University  
*Developmental Exposures to Arsenic: Pneumonia, Immunity, and Microbiomes - Continuation - Continuation* \$181,548

National Institute of Environmental Health Sciences  
*Epigenetic Modulation of CD4 + T Cell Differentiation and Autoimmunity by Trichloroethylene - Continuation* \$222,502

National Institute of Environmental Health Sciences  
*New Mexico Integrative Science Program Incorporating Research in Environmental Sciences - Continuation* \$1,276,227

University of Alabama at Birmingham  
*The Role of Lysosomal Impairment in Trichloroethylene-Induced Parkinsonian Neurodegeneration* \$15,041

University of Alabama at Birmingham  
*The Role of Lysosomal Impairment in Trichloroethylene-Induced Parkinsonian Neurodegeneration - Continuation* \$29,253

**Alicia Bolt**

National Institute for Occupational Safety & Health  
*Defining the Role of IL-1 in Tungsten-Mediated Cardiovascular Disease* \$228,750

**Matthew Campen**

National Institute of Environmental Health Sciences  
*Contaminant Metal Content in Wildfire Smoke and Neuroinflammation - Continuation* \$590,769

National Institute of General Medical Sciences  
*New Mexico Center for Metals in Biology and Medicine - Continuation* \$2,238,370

National Institute on Aging  
*Acceleration of Circulatory and Neurological Aging Due to Wildfire Exposures - Continuation* \$663,261

National Institute on Aging  
*Preclinical Research on Emerging Environmental Exposures, Brain Aging, and Dementia* \$1,962,632

New York University  
*PSA: Microplastics in Gastrointestinal Tumors* \$25,000

**Jose Cerrato**

National Institute of Environmental Health Sciences  
*UNM Metal Exposure Toxicity Assessment on Tribal Lands in the Southwest Superfund Research Program - Continuation* \$1,774,184



<b>Melanie Dodd</b> First Nations Community Healthsource, Inc. First Nations Community Healthsource, Inc. - Amendment 10 \$90,658	<b>Changjian Feng</b> National Institute of General Medical Sciences Defining Functional Dynamics of Multidomain Redox Enzymes \$419,375	<b>Jason McConville</b> N.M. Start-Up Factory Targeted Controlled Release of MEK Inhibitor for HPV-Related Precancer Treatment \$30,000
<b>Esther Erdei</b> Keya Foundation Cheyenne River Sioux Tribal Community Exposures to Metals in the Air - Continuation \$15,984	State University of New York at Stony Brook Endogenous Zinc Protoporphyrin in Intracerebral Hemorrhage \$47,742	<b>Pavan Muttli</b> Advanced Technology International Encapsulation of Vaccine Candidates for Single-Shot Immunization and Vaccine Stability \$1,845,054
Missouri Breaks Industries Research, Inc. Factors Influencing Pediatric Asthma Study - Continuation \$180,990	<b>Donald Godwin</b> Lovelace Biomedical Research Institute Pharmacist Clinical Services \$25,000	<b>Azizi Ray</b> The Miriam Hospital Implementation of Pharmacist-Driven Long-Acting ART Program in HIV Clinics in Arkansas - Continuation \$21,350
NYU Langone Medical Center Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants Under the Leadership of NYU Department of Environmental Medicine - Continuation \$41,971	<b>Joseph Lambson</b> Denver Health and Hospital Authority Substance Abuse - Researched Abuse, Diversion and Addiction-Related Surveillance System Work Order #20 - Continuation \$12,500	University of Arkansas Increasing Access to Medications for Opioid Use Disorder in Justice-Involved Individuals \$12,650
NYU Langone Medical Center Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants Under the Leadership of NYU Department of Environmental Medicine - Continuation \$55,687	Denver Health and Hospital Authority Substance Abuse - Researched Abuse, Diversion and Addiction-Related Surveillance System WorkOrder #21 \$500	University of California, San Francisco An Innovative Pharmacist-Delivered Model to Reduce Overdose Deaths \$23,760
<b>Linda Felton</b> Biomedical Research Institute of New Mexico Formulation Development Services - Specific Supplement \$3,095	Health Resources and Services Administration Poison Center Stabilization and Enhancement Program - Continuation \$153,546	<b>COLLEGE OF POPULATION HEALTH</b>
U.S. Department of Veterans Affairs Formulation and Batch Records for the VA Medical Center in Albuquerque, N.M. - Continuation \$65,957	<b>Debra MacKenzie</b> National Institutes of Health Center for Native American Environmental Health Equity Research - Renewal - Non-Specific Supplement \$94,964	<b>Sue (Noell) Stone</b> Tulane University Public Health Training Center 2024-2025 \$10,000  Tulane University Public Health Training Center 2024-2025 - Specific Supplement \$224



**Lorenda Belone**

National Institute on Minority Health and Health Disparities  
Family Listening Program CBPR Culturally Centered Implementation Project - Non-Specific Supplement \$1,073,373

National Institute on Minority Health and Health Disparities  
Family Listening Program CBPR Culturally-Centered Implementation Project - Continuation \$594,872

**Kathryn Coakley**

N.M. Farmers' Marketing Association  
A Multi-Level Evaluation of N.M. Grown FY 23 Meat Pilot Program \$93,000

**Tracie Collins**

N.M. Department of Health Academic Health Department \$797,580

**Elizabeth Dickson**

Falling Colors Corporation  
School Nursing Academic Partnership - Continuation \$36,682

Falling Colors Corporation  
School Nursing Academic Partnership - Continuation \$163,977

Pacific Institute for Research & Evaluation  
Enhancing Structural Competency in SBHC to Address LGBTQ Adolescent - Continuation \$55,772

**Amber Dukes**

N.M. Human Services Department  
New Mexico Center for Health Policy - Data Brokerage \$364,892

**Elise Jaramillo**

National Institute on Minority Health and Health Disparities  
Place-Based Strengths and Vulnerabilities for Mental Wellness - Continuation \$236,541

**Rebecca Rae**

New Mexico Community Capital  
The Future Is Indigenous Women - Specific Supplement \$80,000

Santa Clara Pueblo  
Khapo Owingeh RezRIDERS - Continuation \$124,924

**Andrew Rowland**

N.M. Department of Health  
HUGS-N.M. DOH \$43,255

**Shannon Sanchez-Youngman**

Drexel University  
Advancing Health Equity Through Innovative Community Capacity Building,

Data Science & Delivering Community-Centered Structural Interventions & Outcomes: Drexel's ComPASS Coordinating Center - Continuation \$535,313

**Francisco Soto Mas**

Bernalillo County  
Grow the Growers Program PSA \$70,000

Thornburg Foundation  
Inventory and Evaluation Phase 2 \$50,000

U.S. Department of Agriculture  
Partnership for Agricultural Sustainability and Education \$695,987

University of Texas Health Science Center at Houston  
Sustainable Farmers' Mental Health in a Changing Climate \$12,000

**Samuel Swift**

UnitedHealthcare of New Mexico, Inc.  
Behavioral Health Assessment \$25,000

UnitedHealthcare of New Mexico, Inc.  
Social Determinants of Health \$25,000

**Nina Wallerstein**

Patient-Centered Outcomes Research Institute  
Engage for Equity PLUS \$2,016,513

Patient-Centered Outcomes Research Institute  
Evidence for Engagement PLUS - Specific Supplement \$43,368

**SCHOOL OF MEDICINE****Anesthesiology & Critical Care Medicine****Sascha Alles**

Veterans Affairs Office of Research and Development  
CIPN Immunotherapy Subaward - Continuation \$39,838

**Reza Ehsanian**

New York University  
Targeting Schwann Cell Dysfunction and Repair Signaling in Chemotherapy Induced Painful Neuropathy \$109,722

**Karin Westlund High**

UNM Rainforest Innovations  
Histamine H3 Receptors in Pain \$25,000

**Biochemistry & Molecular Biology****Vallabh Shah**

George Washington University  
DPPOS-4 AD/ADRD Project \$454,514

National Institute on Minority Health and Health Disparities  
Standing Strong in Tribal Communities: Addressing Elder Falls Disparity \$543,214

**Xiang Xue**

National Institute of Environmental Health Sciences  
Microplastics and CRC A1 \$453,688

UNM Rainforest Innovations  
Nanoparticles and Colorectal Cancer \$12,500

**Nathan Zaidman**

National Institute of Diabetes and Digestive and Kidney Diseases  
Gpr116 Regulation of Renal Acid Excretion - Continuation \$224,100

National Institute of Diabetes and Digestive and Kidney Diseases  
Gpr116 Regulation of Renal Acid Excretion - Non-Specific Supplement \$24,900

**Biomedical Research Educational Program****Justin Baca**

National Institute of Allergy and Infectious Diseases  
Mechanisms of Regulatory T Cell Processes by IL-2 - Shouse - Continuation \$53,974

National Institute of Allergy and Infectious Diseases  
Mechanisms of Regulatory T Cell Processes by IL-2 - Transfer Shouse \$11,999

National Institute of General Medical Sciences  
UNM LEAD MSTP \$127,460

**Cell Biology & Physiology****Amy Gardiner**

National Institute on Alcohol Abuse and Alcoholism  
Molecular Targeting of the Cerebrovasculature During Prenatal Alcohol Exposure \$336,312

**Laura Gonzalez-Bosc**

American Heart Association  
Disequilibrium in Immune Homeostasis in Hypoxic Pulmonary Hypertension Pathogenesis - Non-Specific Supplement \$200,000

**Nikki Jernigan**

National Heart, Lung, and Blood Institute  
The Role of Mitochondrial Acid-Sensing Ion Channel 1 in Pulmonary Hypertension (Resubmission) \$40,756



National Heart, Lung, and  
Blood Institute  
*Regulation of H2s Signaling in Vascular  
Function - 2024 RPPR* \$513,731

**Thomas Resta**  
National Heart, Lung, and  
Blood Institute  
*Oxidant Signaling in Pulmonary  
Hypertension - 2024 RPPR  
Continuation* \$574,429

## Comprehensive Cancer Center

**Sarah Adams**  
National Cancer Institute  
*Mechanisms of Selective Therapeutic  
Synergy of PARP-Inhibition and  
CTLA4 Blockade Engaged by Interferon-Gamma  
in the Ovarian Tumor  
Microenvironment* \$316,716

National Cancer Institute  
*Mechanisms of Selective Therapeutic  
Synergy of PARP-Inhibition and CTLA4  
Blockade Engaged by Interferon-Gamma  
in the Ovarian Tumor Microenvironment -  
Continuation* \$316,716

National Cancer Institute  
*Mechanisms of Selective Therapeutic  
Synergy of PARP-Inhibition and CTLA4  
Blockade Engaged by Interferon-Gamma  
in the Ovarian Tumor Microenvironment -  
Non-Specific Supplement* \$17,596

National Cancer Institute  
*Mechanisms of Selective Therapeutic  
Synergy of PARP-Inhibition and CTLA4  
Blockade Engaged by Interferon-Gamma  
in the Ovarian Tumor Microenvironment -  
Non-Specific Supplement* \$35,192

**Prajakta Adsul**  
Albert Einstein College of Medicine  
*Leveraging Project ECHO for Improved  
Cervical Cancer Screening in Ethiopia: An  
Implementation Study of Integrated HPV  
Self-Sampling in HIV Care Centers* \$34,207

Albert Einstein College of Medicine  
*Leveraging Project ECHO for Improved  
Cervical Cancer Screening in Ethiopia: An  
Implementation Study of Integrated HPV  
Self-Sampling in HIV Care Centers - Non-  
Specific Supplement* \$16,354

N.M. Department of Health &  
Human Services  
*Cancer Prevention and Control Program  
for N.M.* \$28,120

N.M. Department of Health &  
Human Services  
*Cancer Prevention and Control Program  
for N.M.* \$53,600

University of Texas Health  
Science Center at Houston  
*Investigating Facilitator-Driven, Multi-  
Level Implementation Strategies in  
Federally Qualified Health Centers to  
Improve Provider Recommendation and  
HPV Vaccination Rates Among Latino/a  
Adolescents* \$16,229

**Christopher Amos**  
Dartmouth-Hitchcock Medical  
Center  
*Optimizing Colorectal Cancer  
Prevention* \$37,327

Mayo Clinic  
*International Consortium for the  
Genetics of Biliary Tract Cancers  
Cholangiocarcinoma Genome-Wide  
Association Study* \$39,420

National Cancer Institute  
*Integrative Analysis of Lung Cancer  
Risk and Etiology* \$2,656,017

**Leslie Andritsos**  
Oregon Health & Science University  
*Southwest Oncology Group Purchase  
Service Agreement - Non-Specific  
Supplement* \$435,634

**Eric Barte**  
National Cancer Institute  
*Impact of TNF on Oncolytic  
Virotherapy* \$416,256

**Jessica Belmonte**  
N.M. Cancer Research Alliance  
*Clinical Trial Phase 3* \$132,575

**Ursa Brown-Glaberman**  
N.M Cancer Care Alliance  
*Clinical Trial Phase 1b/2 - Non-Specific  
Supplement* \$50,000

N.M. Cancer Care Alliance  
*Clinical Trial Phase 1b/2 - Non-Specific  
Supplement* \$85,138

N.M. Cancer Care Alliance  
*Clinical Trial Phase 3 - Non-Specific  
Supplement* \$136,377

N.M. Cancer Research Alliance  
*Clinical Trial Phase 3* \$133,855

N.M. Cancer Research Alliance  
*Clinical Trial Phase 3* \$188,895

**Jinyoung Byun**  
National Cancer Institute  
*Heterogeneous Genetic Architecture in  
Lung Cancer Risk* \$76,250

National Cancer Institute  
*Heterogeneous Genetic Architecture  
in Lung Cancer Risk - Non-Specific  
Supplement* \$21,188

**Shashank Cingam**  
N.M. Cancer Research Alliance  
*Clinical Trial Phase 3* \$127,455

N.M. Cancer Research Alliance  
*Clinical Trial Phase N/A* \$38,110

**Zoneddy Dayao**  
American Cancer Society  
*Lodging Plan for UNM Comprehensive  
Cancer Center - 2025/2026* \$20,000

American Cancer Society  
*Transportation Plan for UNM  
Comprehensive Cancer Center  
2025/2026* \$20,000

N.M. Department of Health  
*Development and Delivery of Cancer  
Survivorship Cancer Plans* \$26,000

**Ala Ebaid**  
Blueprint Medicines  
*Mastocytosis Symposium* \$18,000

**Hua-Ying Fan**  
National Cancer Institute  
*Repurposing Auranofin As a Novel Notch  
Pathway Inhibitor for Combinational  
Ovarian Cancer Therapy -  
Continuation* \$160,412

National Cancer Institute  
*Repurposing Auranofin as a Novel Notch  
Pathway Inhibitor for Combinational  
Ovarian Cancer Therapy - Non-  
Specific Supplement* \$17,822

**Matthew Fero**  
N.M. Cancer Research Alliance  
*Clinical Trial Phase 3* \$130,335

**Charles Foucar**  
N.M. Cancer Care Alliance  
*Clinical Trial Phase 1/2* \$127,455

American Cancer Society  
*ACS Diversity in Cancer  
Research* \$132,000

American Cancer Society  
*ACS Diversity in Cancer Research -  
Specific Supplement* \$1,400



National Cancer Institute  
Cancer Research—Scholarship and  
Training Experiences in Population  
Sciences \$151,204

National Cancer Institute  
University of New Mexico's CURE for  
Cancer - Continuation \$410,264

#### Dolores Guest

National Cancer Institute  
Southwest Transformative Educational  
Advancement and Mentoring Network -  
Continuation \$406,835

#### Moises Harari Turque

N.M. Cancer Research Alliance  
A Multicenter, Open-Label, Randomized,  
Controlled Study to Assess the Antitumor  
Activity of LNS8801 With and Without  
Pembrolizumab in Patients With  
Treatment-Refractory, Unresectable  
Melanoma \$128,735

N.M. Cancer Research Alliance  
Clinical Trial Phase 3 \$121,055

N.M. Cancer Research Alliance  
Clinical Trial Phase 3 \$131,550

N.M. Cancer Research Alliance  
Clinical Trial Phase 3 \$185,695

N.M. Cancer Research Alliance  
Clinical Trial Phase 3 \$192,095

#### Richard Harvey

Public Health Institute  
Phase 3 Randomized Trial of Inotuzumab  
Ozogamicin for Newly Diagnosed  
High-Risk B-ALL; Risk-Adapted Post-  
Induction Therapy for High-Risk B-ALL,  
Mixed Phenotype Acute Leukemia,  
and Disseminated B-LLy (1732 Study) -  
Continuation \$198,619

Lung Deposition Dose of Black Carbon  
As a Driver of Health Disparities -  
Continuation \$114,375

National Institute of Environmental  
Health Sciences  
Impact of Macrophage Carbon Load  
and Epigenetic Aging on Lung Function  
Decline and Mortality -  
Continuation \$712,649

#### Kimberly Leslie

Washington University  
Washington University Route 66  
Endometrial Cancer SPORE -  
Continuation \$287,824

#### Erika Maestas

N.M. Cancer Care Alliance  
Clinical Trial Phase 3 - Non-Specific  
Supplement \$30,000



N.M. Cancer Research Alliance  
A Phase 2b, Open-Label, Two-Cohort  
Study \$129,695

N.M. Cancer Research Alliance  
BMS-986489 (BMS-986012 + Nivolumab  
Fixed Dose Combination) With  
Chemotherapy v. Atezolizumab With  
Chemotherapy As First-Line Therapy in  
Participants With Extensive-Stage Small  
Cell Lung Cancer (TIGOS) \$130,655

#### Neda Hashemi

N.M. Cancer Care Alliance  
Clinical Trial Phase 3 - Non-Specific  
Supplement \$8,728

N.M. Cancer Research Alliance  
Clinical Trial Phase 3 \$134,495

#### Shuguang Leng

National Heart, Lung, and  
Blood Institute

#### Martha Mapalo

N.M. Cancer Care Alliance  
Clinical Trial Phase 2 - Non-Specific  
Supplement \$40,000

#### Carolyn Muller

N.M. Cancer Care Alliance  
Clinical Trial Phase 1 - Non-Specific  
Supplement \$97,435

N.M. Cancer Care Alliance  
Clinical Trial Phase 2 \$137,055

N.M. Cancer Care Alliance <i>Clinical Trial Phase 3 - Non-Specific Supplement</i>	\$139,016	National Cancer Institute <i>Modifiable Exposures Administrative Supplement</i>	\$100,000	National Institute of Environmental Health Sciences <i>Roles of Lig3 and XRCC1 Genes in Genome Stability - Continuation</i>	\$326,549
N.M. Cancer Research Alliance <i>Clinical Trial Phase 2</i>	\$61,760	National Cancer Institute <i>NCI Early-Stage Surgeon Scientist Program</i>	\$190,625	Stony Brook Medicine <i>Mechanism of Transcription-Coupled DNA Repair and Its Impact on Cancer Mutations</i>	\$12,200
N.M. Cancer Research Alliance <i>Clinical Trial Phase 3</i>	\$100,620	National Cancer Institute <i>University of New Mexico Cancer Center Support Grant - Continuation</i>	\$2,300,943	<b>Cosette Wheeler</b> Leidos Biomedical, Inc <i>Self-Collection for HPV Testing in Cervical Screening</i>	\$20,000
N.M. Cancer Research Alliance <i>Clinical Trial Phase 3</i>	\$129,250	<b>Thomas Schroeder</b> N.M. Cancer Care Alliance <i>Clinical Trial Phase 3 - Non-Specific Supplement</i>	\$124,523	<b>Charles Wiggins</b> Dana Farber Cancer Institute <i>Disparities in Clinical Trial Enrollment Among Adolescents and Young Adults With Cancer - Continuation</i>	\$46,256
National Cancer Institute <i>NCORP - Continuation</i>	\$1,589,041	<b>Rita Serda</b> National Cancer Institute <i>TLR Agonist Nano-Immune Therapy for Peritoneal Metastases</i>	\$483,556	N.M. Department of Health <i>Breast and Cervical Cancer Surveillance</i>	\$18,990
American Cancer Society <i>ACS Institutional Research Grant</i>	\$360,000	<b>Mara Steinkamp</b> Oxnard Foundation <i>Testing Alternative Therapies for Platinum-Resistant Ovarian Cancer in Patient-Derived Cancer Models</i>	\$150,000	N.M. Department of Health <i>DOH AppleTree Project</i>	\$75,960
<b>Viswanathan Palanisamy</b> National Institute of Dental and Craniofacial Research <i>Mutations and Target Genes in Adenoid Cystic Carcinoma - Continuation</i>	\$387,961	Washington University <i>Route 66 Endometrial Cancer SPORC: Establishing Autologous Patient-Derived Models of Endometrial Cancer for Preclinical Studies of Immunotherapy Response</i>	\$303,319	National Cancer Institute <i>Surveillance Epidemiology and End Results Program - Specific Supplement</i>	\$547,841
National Institute of Dental and Craniofacial Research <i>Mutations and Target Genes in Adenoid Cystic Carcinoma - Non-Specific Supplement</i>	\$43,106	<b>Andrew Sussman</b> Klein Buendel <i>#4corners4health: A Social Media Cancer Prevention Program for Rural Young Adults</i>	\$154,231	University of Iowa <i>Development of Small Area Interactive Risk Maps for Cancer Control Efforts - Continuation</i>	\$30,659
<b>Eric Prossnitz</b> National Cancer Institute <i>Molecular Mechanisms and Applications of Novel ER/GPER-Selective Ligands - Continuation</i>	\$486,792	University of Arizona <i>Ethnicity and Lung Cancer Survival: A Test of the Hispanic Sociocultural Hypothesis</i>	\$36,186	<b>Cheryl Willman</b> National Cancer Institute <i>Engagement of American Indians of Southwestern Tribal Nations in Cancer Genome Sequencing - Continuation</i>	\$3,485,629
<b>Vinay Rai</b> University of Pennsylvania <i>Supportive Clinical Trial - Non-Specific Supplement</i>	\$10,000	<b>Bernard Tawfik</b> N.M. Cancer Research Alliance <i>Clinical Trial Phase 3</i>	\$73,275	National Cancer Institute <i>Engagement of American Indians of Southwestern Tribal Nations in Cancer Genome Sequencing - Diversity Supplement</i>	\$137,728
<b>Stephanie Rieder</b> NRG Oncology <i>Health Equity Fellowship</i>	\$50,000	<b>Alan Tomkinson</b> Lawrence Berkeley National Laboratory <i>Structural Cell Biology &amp; Physiology of DNA Repair Machines Project - Continuation</i>	\$64,085	<b>Dental Medicine</b>	
Ovarian Cancer Research Alliance <i>Advancing Equity in Cancer Clinical Trials by Addressing Precarity in Study Design</i>	\$199,987	National Cancer Institute <i>Targeting DNA Ligase I in Ovarian Cancer - Continuation</i>	\$330,540	<b>Nathan Boyd</b> N.M. Department of Health <i>Basic Oral Health FY 25</i>	\$212,000
<b>Elba Saavedra Ferrer</b> N.M. Department of Health <i>Better Together N.M. Program</i>	\$227,000	National Cancer Institute <i>Targeting DNA Ligase I in Ovarian Cancer - Non-Specific Supplement</i>	\$36,726	N.M. Higher Education Department <i>Dentist Training to Treat Pediatric and Developmental Patients</i>	\$1,500,000
N.M. Department of Health <i>COMADRE: Community-Based Navigation and Education (A)</i>	\$85,350	National Cancer Institute <i>The Molecular Mechanism of Genetic Disorders Due to XPD Mutations</i>	\$42,574	<b>Robin Gatlin</b> United Concordia Dental Charitable Fund <i>United Concordia Scholarship 2024-25</i>	\$6,000
<b>Avinash Sahu</b> National Cancer Institute <i>Identifying Drug Synergistic With Cancer Immunotherapy - Continuation Year 2</i>	\$217,810				
<b>Yolanda Sanchez</b> National Cancer Institute <i>Early Career Cancer Clinical Investigator Award - Hashemi</i>	\$60,000				



## Dermatology

### John Durkin

CellDex Therapeutics  
CDX-0159 \$110,282

CorEvitas, LLC  
Corevitas AD-555-Peds \$51,450

CorEvitas, LLC  
Corevitas Alopecia Areata (AA-560) \$51,450

CorEvitas, LLC  
CorEvitas-AA-565-Peds \$51,450

CorEvitas, LLC  
CorEvitas-GPP-510 \$51,450

Incyte Corp  
INCB 54707-302-incyte HS \$133,097

Incyte Corp  
INCB 54707-305 \$102,228

Pfizer, Inc.  
A Phase 3 Randomized, Double-Blind, 52-Week Placebo-Controlled Multi-Center Study With a Double-Blind 52-Week Extension Period With Randomized Dose Up/Dose Down Titration Investigating \$377,108

Regeneron  
Regeneron\_R2810-ONC-2251 \$294,804

Sanofi US Services, Inc  
LTS17367\_9085/0018 \$801,624

Sanofi US Services, Inc.  
SANOFI - EFC17560 \$223,251

Sanofi US Services, Inc.  
SANOFI - EFC17599-AQUA \$302,322

Sanofi US Services, Inc.  
Sanofi EFC17600 \$535,000

University of Pennsylvania  
CP3 Study \$41,703

## ECHO Institute

### Sanjeev Arora

APIN Public Health Initiatives  
CDC Nigeria ECHO Partner Launch Training (APIN) \$34,787

Family Health Centers of San Diego  
Long COVID and Fatiguing Illnesses Recovery ECHO \$106,285

JHPIEGO Corporation  
ECHO Support for Building Health Worker Capacity Through the Urban Health Initiative Program in Afghanistan - Continuation - Year 5 \$380,496

JHPIEGO Corporation  
Global Reach II: Echo Implementation Activities in Sierra Leone \$60,000

McCune Charitable Foundation  
2025 MetaECHO Peer Education Project/Community Peer Education Project \$1,000

N.M. Department of Health  
NM DOH Sponsorship for the 2025 NM AETC HIV/HCV Conference \$20,000

Office of Rural Health Policy  
Expanding Access to Care for Long-Haul COVID Patients in Rural New Mexico - Continuation \$475,000

PATH  
Reaching Every At-Risk Community and Household With Malaria - Core Continuation \$9,499

PATH  
Reaching Every At-Risk Community and Household With Malaria - Ghana Specific Supplement \$280,038

PATH  
Reaching Every At-Risk Community and Household With Malaria - Madagascar Specific Supplement \$25,000

PATH  
Reaching Every At-Risk Community and Household With Malaria - Malawi Specific Supplement \$25,000

PATH  
Reaching Every At-Risk Community and Household With Malaria - Mali Specific Supplement \$260,000

PATH  
Reaching Every At-Risk Community and Household With Malaria - Specific Supplement \$71,476

World Health Organization  
WHO Advanced HIV Disease Learning Series \$11,165

World Health Organization  
WHO Nursing and Midwifery Global Community of Practice \$908

World Health Organization  
WHO Nursing and Midwifery Global Community of Practice - Live Learning Webinars \$1,265

### Matthew Bouchonville

Centers for Disease Control and Prevention  
Expanding Access to Evidence-Based Diabetes Programs Using Project ECHO - Year 3 \$1,000,000

### Soraya Gollop

Lourie Center for Children's Social Emotional Wellness  
ECHO for TIPS Program Indiana \$102,886

### Bruce Struminger

Ata Health Strategies LLC  
Strengthening WHO's Engagement With National Public Health Agencies for Improved Health Emergency Preparedness and Response \$56,800

Pfizer, Inc.  
Pfizer & Project ECHO Collaboration: on TEACH AMS - Round 3 \$600,000

Project & Technology Consulting Services, Inc  
ASPR Program Support Services - Clinical Rounds - Continuation \$340,650

Schmidt Futures Foundation  
Improving Long COVID Response Efforts and Global Public Health Capacity With Project ECHO \$2,700,000

### Karla Thornton

Astho  
Enhancing Community-Level Rapid Response to Pain and Opioid Emergencies Renewal \$125,000

Bureau of Indian Affairs  
Using Project ECHO to Enhance Resilience for OJS Law Enforcement and Corrections Officers - Continuation Year 3 \$350,000

Complete College America  
Implementing the Corequisite Developmental Education Model - ECHO \$455,000

GE Healthcare  
Expanding Access to Maternal Child Health in Indonesia Year 2 \$300,000

N.M. Corrections Department  
N.M. Corrections Department Hepatitis C - Continuation \$432,600

N.M. Department of Health  
Hepatitis and HIV Clinical Consult Project \$600,000

N.M. Department of Health  
NM DOH Appletree Climate Change and Human Health \$50,000

UBS Optimus Foundation  
Building CHR Capacity in Indigenous Communities With Project ECHO \$240,439

### Andrea Zurawski

Pan American Health Organization  
ECHO Partnership With Pan American Health Organization \$99,520

## Emergency Medicine

### John Alcock

University of Arkansas  
The Impacts of Adverse Provider Conditions on Provider Bias and Health Disparities \$87,697

### Justin Baca

Beckman Coulter Inc.  
Beckman Coulter BNP-05-24 \$220,288

Microbio Ltd.  
Microbio InfectID-BSI Sepsis Study \$222,625



Radiometer Medical ApS <i>Radiometer CREA/BUN Study</i>	\$142,518	Cottonwood Gulch Expeditions <i>EMS Medical Director - Continuation</i>	\$50,000	Village of Cuba <i>EMS Medical Director - Continuation</i>	\$10,250
Roche Molecular Systems, Inc. <i>ROCHE Alzheimers Prospective Long Term SS Ptau217 Study</i>	\$60,764	Eagle Nest Volunteer Ambulance Service <i>EMS Medical Director - Continuation</i>	\$3,600	Village of Magdalena <i>EMS Medical Director - Continuation</i>	\$9,200
<b>Whitney Barrett</b> Valencia County <i>EMS Medical Director - Continuation</i>	\$45,744	Isleta Pueblo <i>EMS Medical Director - Continuation</i>	\$7,000	Wilderness Medics Inc <i>EMS Medical Director Wilderness Medics - Continuation</i>	\$25,000
<b>Darren Braude</b> Alamo Navajo School Board, Inc. <i>EMS Medical Director - Continuation</i>	\$22,500	Isleta Pueblo Police Department <i>EMS Medical Director - Continuation</i>	\$3,000	<b>Cameron Crandall</b> Yale University <i>CTN-0099: Emergency Department-Initiated Buprenorphine VALidATION Network Trial - #8</i>	\$31,819
American Medical Response Ambulance Service, Inc. <i>EMS Medical Director - Continuation</i>	\$184,800	Jemez Mountain Trail Runs <i>EMS Medical Director - Continuation</i>	\$2,000	<b>Naomi George</b> Society for Critical Care Medicine <i>Addressing Long-Term Impacts of Social NEeds and Assets in the ICU</i>	\$50,000
AMG Specialty Hospital <i>Clinical Care - Continuation</i>	\$50,000	K&I Field Services <i>EMA Medical Director - Continuation</i>	\$13,250	<b>Margaret Greenwood-Ericksen</b> Agency for Healthcare Research and Quality <i>Improving Rural Mental Health Equity Through Medicaid Policy Evaluation</i>	\$153,547
Boeing Company <i>EMS Medical Director, Paramedics, &amp; NP - Continuation</i>	\$25,000	Kindred Hospital <i>EMS Medical Director - Continuation</i>	\$250,000	Agency for Healthcare Research and Quality <i>Mechanisms of Rural Mental Health Disparities K08 Year 3</i>	\$153,706
Bosque School <i>EMS Medical Director - Continuation</i>	\$7,400	N.M. Department of Public Safety <i>EMS Medical Director &amp; DPS Dispatch Services</i>	\$50,000	<b>Andrew Harrell</b> National Park Service <i>Grand Canyon Medical Direction Services - Mod 2</i>	\$37,828
Catron County <i>EMS Medical Director - Continuation</i>	\$11,000	New Mexico Community Care <i>EMS Medical Director - Continuation</i>	\$25,000	<b>Ryan Huebinger</b> Vanderbilt University Medical Center <i>STRIVE No.114720 Subcontract - Continuation</i>	\$239,509
Cibola County <i>EMS Medical Director</i>	\$8,000	Quick Draw <i>EMS Medical Director - Continuation</i>	\$880	Vanderbilt University Medical Center <i>STRIVE No.114720 Subcontract - Continuation 2</i>	\$34,050
City of Albuquerque <i>EMS Medical Director - Continuation</i>	\$263,480	Sandoval County <i>EMS Medical Director</i>	\$75,000	<b>Jon Kenneth Femling</b> University of California, Los Angeles <i>EMERGENCY ID NET Study - Continuation 2</i>	\$140,118
City of Grants <i>EMS Medical Director</i>	\$22,176	Sandoval County <i>EMS Medical Director &amp; Dispatch Services Sandoval County</i>	\$90,000	<b>Kimberly Pruett</b> N.M. Department of Health <i>FY 25 N.M. DOH Statewide EMS - Continuation 9</i>	\$100,000
City of Rio Rancho <i>EMS Medical Director &amp; SWAT City of Rio Rancho PD</i>	\$20,000	Taos Pueblo Department of Public Safety <i>EMS Medical Director</i>	\$4,300	<b>Diane Rimple</b> Sandoval County <i>EMS Medical Director - SAMHSA Services Sandoval County</i>	\$50,000
City of Albuquerque <i>EMS Medical Director - Continuation</i>	\$263,480	Town of Cochiti Lake <i>EMS Medical Director - Continuation</i>	\$20,000		
City of Grants <i>EMS Medical Director</i>	\$22,176	Town of Mountainair <i>EMS Medical Director - Continuation Town of Mountainair</i>	\$6,000		
City of Rio Rancho <i>EMS Medical Director &amp; SWAT City of Rio Rancho PD</i>	\$20,000	Town of Red River <i>EMS Medical Director Services - Continuation</i>	\$12,000		
City of Rio Rancho <i>EMS Medical Director &amp; Dispatch Services Rio Rancho</i>	\$18,000	Town of Springer <i>EMS Medical Director</i>	\$3,000		
City of Rio Rancho <i>EMS Medical Director City of Rio Rancho</i>	\$88,281	Village of Angel Fire <i>EMS Medical Director Services - Continuation</i>	\$6,000		
City of Rio Rancho <i>EMS Medical Director City of Rio Rancho Fire Department</i>	\$26,164	Village of Cimarron <i>EMS Medical Director - Continuation</i>	\$3,600		

Town of Cochiti Lake  
EMS Medical Director -  
Continuation \$17,000

Village of Questa, N.M.  
EMS Medical Director -  
Continuation \$50,000

**Robert Sapien**  
Maternal and Child Health Bureau  
N.M. EMS for Children -  
Continuation FY26 \$86,193

Maternal and Child Health Bureau  
N.M. EMS for Children - Non-Specific  
Supplement \$107,298

**Philip Seidenberg**  
TriCore Reference Laboratories  
BD Vacutainer Performance  
Assays \$558,870

**Brandon Warrick**  
U.S Attorney's Office  
Expert Witness Agreement, Desiderio  
et. al., v. U.S. \$15,477

**Jenna White**  
Presbyterian Medical Services  
EMS Medical Director -  
Continuation \$23,760

Pueblo of Jemez  
Pueblo of Jemez Medical Direction -  
Continuation 6 \$24,000

Santo Domingo Pueblo  
Medical Direction for the Pueblo of Santo  
Domingo - Continuation 3 \$19,800

## Family & Community Medicine

**Melody Avila**  
Falling Colors Corporation  
ADOBE HSD FY 25 -  
Continuation \$1,073,578

**Helene B. Silverblatt**  
Bureau of Health Workforce  
New Mexico Area Health Education  
Centers Point of Service Maintenance  
and Enhancement - Continuation \$482,316

**Antoinette Benton**  
Falling Colors Corporation  
FY 25 Pre-Administration Screening and  
Resident Review - Continuation \$249,400

N.M. Department of Health  
FY 25 Transdisciplinary Evaluation  
and Support Clinic w/BAA -  
Continuation \$1,702,559

**Charity Bishop**  
Indian Health Service  
Indians Into Medicine \$206,304

**Valerie Carrejo**  
RAND Corporation  
Improving Access and Treatment for  
Co-Occurring Opioid Use Disorders  
and Mental Illness \$17,161

**Jennifer Edgoose**  
Manzano Medical Group  
Family and Community Medicine -  
Continuation \$32,129

New Mexico Perinatal Collaborative  
Director of Maternal Health Initiatives -  
Continuation \$21,030

New Mexico Perinatal Collaborative  
Director of Maternal Health Initiatives -  
Continuation \$25,000

**Amy Greene**  
Explora Science Center and  
Children's Museum  
X Studio Career Pathways \$50,000

**Arthur Kaufman**  
Anchorum Health Foundation  
UNM Office for Community Health's Health  
Extension Regional Offices \$330,000

City of Albuquerque  
Gateway Receiving Area -  
Continuation \$625,000

N.M. Aging and Long-Term Services  
Department  
Senior Employee Participant Health  
Equity and Social Connectedness  
for Older Adults II \$657,900

N.M. Department of Health  
New Mexico Immunization Coalition  
FY 25 - Continuation \$197,186

**Sarah Lathrop**  
N.M. Department of Health  
FY 25 Emerging Infections  
Program \$1,364,094

N.M. Department of Health  
FY 25 N.M. Emerging Infections Program -  
Specific Supplement \$1,122,743

**Lawrence Leeman**  
Blue Cross Blue Shield of N.M.  
UNM Milagro \$400,000

Eunice Kennedy Shriver National  
Institute of Child Health and  
Human Development  
HEAL Initiative: UNM HSC Clinical Center -  
Continuation \$222,694

Panorama Global  
Psychedelic-Assisted Therapies  
Community Engagement \$132,500

Reunion Neuroscience Inc.  
RE104 \$129,920

**Tassy Parker**  
University of Colorado - Denver  
Center for American Indian and Alaska  
Native Diabetes Translation Research -  
Amendment 3 \$12,591

University of Colorado - Denver  
Center for American Indian and Alaska  
Native Diabetes Translation Research -  
Continuation \$47,467

University of Minnesota  
AMICA Resubmission -  
Continuation \$404,955

Westat  
WEAVE NM 4.0 -  
Continuation 2025 \$1,400,000

**Felisha Rohan-Minjares**  
Bernalillo County  
Physician Services, Medical Director  
and On-Call \$225,000

Bernalillo County  
Physician Services, Medical Director  
and On-Call - Continuation \$261,000

First Choice Community Healthcare  
Professional Services (Maternal Child  
& Reproductive Health Fellow) -  
Continuation \$50,000

First Nations Community  
Healthsource, Inc.  
Physician Services With Obstetrics -  
Continuation \$36,000

**Valerie Romero-Leggott**  
Bureau of Health Workforce  
New Mexico Workforce Diversity Center  
of Excellence - Continuation \$686,000

**Pilar Sanjuan**  
Lovelace Biomedical &  
Environmental Research Institute  
The ASCEND Study -  
Continuation \$129,898

Postpartum Support International  
Optimizing New Mexicans' Access to  
Perinatal Mental Health Care \$23,103

**Faerl Torres**  
City of Albuquerque  
Intensive Case Management  
Program FY 25 \$750,000

N.M. Aging and Long-Term Services  
Department  
Health Equity and Social Connectedness  
for Older Adults Program \$1,183,500







Duke University  
RECOVER-SLEEP - Non-Specific  
Supplement \$7,809

**Teodor Duro**  
Endocrine Society  
Medical School Engagement  
Program \$3,000

**Pablo Garcia**  
Calliditas Therapeutics  
Efficacy and Safety of Extended TARPEYO  
Treatment >9 Months in Adult Patients  
With Primary Iga Nephropathy  
(Protocol No: NEF-403) \$160,000

**Michelle Harkins**  
Duke University  
RECOVER-VITAL - Non-Specific  
Supplement \$45,000

Office of Naval Research  
Evaluation of Essential Oil-Based  
Larvicides for Mosquito Control in Sub-  
Saharan Africa - Continuation \$133,334

**Michelle Iandiorio**  
AbbVie  
ABBV-382 in People Living With HIV on  
Stable Antiretroviral Therapy (Protocol No.  
M19-965) - Specific Supplement \$168,550

Health Resources and Services  
Administration  
Ryan White Part C EIS -  
Continuation \$184,770

HIV-AIDS Bureau  
Ryan White HIV/AIDS Program Part D  
Coordinated HIV Services and Access to  
Research for Women, Infants, Children  
and Youth - Continuation \$512,417

HIV-AIDS Bureau  
Special Projects of National Significance -  
Minority HIV/AIDS Fund \$444,699

**Julie In**  
National Institute of Environmental  
Health Sciences  
Heavy Metals Exposure Regulates  
Secretory Lineage in Intestinal  
Injury \$379,123

**Jingyue Jia Cassano**  
National Institute of General  
Medical Sciences  
MIRA: Cellular Mechanisms of  
Lysosomal Damage Response \$381,250

**Denece Kesler**  
Bureau of Health Workforce  
Preventive Medicine Residency  
Program - Continuation \$399,589

Lovelace Biomedical Research  
Institute  
Lovelace Biomedical Research Institute  
Occupational Health Consulting Services -  
Continuation \$25,000

Lovelace Biomedical Research  
Institute  
Lovelace Respiratory Research Institute  
- Occupational Medicine Services -  
Continuation \$25,000

Office of Rural Health Policy  
Radiation Exposure Screening  
and Education Program \$215,673

**Christophe Lambert**  
George Washington University  
Enhancing and Making Biomarker  
Knowledge FAIR Using Contextual  
CFDE Data \$152,500

National Institute of Mental Health  
Deriving High-Quality Evidence From  
National Healthcare Databases to  
Improve Suicidality Detection and  
Treatment Outcomes in PTSD -  
Continuation \$608,473

National Institute of Mental Health  
Deriving High-Quality Evidence From  
National Healthcare Databases to Improve  
Suicidality Detection and Treatment  
Outcomes in PTSD - Non-Specific  
Supplement \$72,252

National Institutes of Health  
Office of the Director  
Illuminating the Druggable Genome Data  
Coordinating Center - Engagement Plan  
With the CFDE - Continuation \$300,000

**Scott Malec**  
National Library of Medicine  
Using the Literature to Build Causal  
Models of Retrospective Observational  
Data - Continuation \$248,671

National Library of Medicine  
Using the Literature to Build Causal  
Models of Retrospective Observational  
Data - Non-Specific Supplement \$18,360

**Lana Melendres-Groves**  
GB002, Inc.  
GB002-3102 \$81,964

Merck, Sharp & Dohme, Inc.  
MERCK5475-013 \$182,830

Merck, Sharp & Dohme, Inc.  
MERCK7962-024 \$166,280

Merck, Sharp & Dohme, Inc.  
MK7962-031 \$121,228

United Therapeutics Corporation  
APD811-301: A Study EVALuating the  
Efficacy and Safety of Ralinepag to  
Improve Treatment OUTCOMES in  
PAH Patients - Non-Specific  
Supplement \$10,460

United Therapeutics Corporation  
GMS-PH-401 \$64,746

University of Pennsylvania  
Case-Control Study of Methamphetamine  
in Pulmonary Arterial Hypertension -  
Continuation \$27,450

**Larissa Myaskovsky**  
Bayer HealthCare Pharmaceuticals  
Inc.  
Engaging With Community and Clinical  
Partners to Improve Nephrology Referral  
for Latine Patients \$20,000

**Kimberly Page**  
Cedars-Sinai Medical Center  
Collaborative Care Teams for Hospitalized  
Patients With Opioid Use Disorders:  
Translating Evidence Into Practice -  
Continuation \$36,845

Loyola University Chicago  
Computational Modeling for HCV Vaccine  
Trial Design and Optimal Vaccine-Based  
Combination Intervention -  
Continuation \$49,644

National Institute on Drug Abuse  
Southwest Clinical Trials Node - SA-  
Initiative \$783,906

New York University Grossman  
School of Medicine  
CTN-0100: Optimizing Retention, Duration  
and Discontinuation Strategies for  
Opioid Use Disorder Pharmacotherapy -  
Continuation \$343,635

University of Miami  
CTN-0121: Integrated Care and Treatment  
for Severe Infectious Diseases and  
Substance Use Disorders Among  
Hospitalized Patients -  
Continuation \$544,852

University of Texas Southwestern  
Medical Center  
CTN0120: R-MIST \$136,272

University of Texas Southwestern  
Medical Center  
NIDA Clinical Trials Network: Big South-  
West Node - Continuation \$834,077

University of Texas Southwestern  
Medical Center  
NIDA Clinical Trials Network: Big South-  
West Node - Specific Supplement \$23,699

**Alisha Parada**  
Lovelace Biomedical &  
Environmental Research Institute  
Cognitive Sequelae of Cerebrovascular  
and Gut Dysfunction in Post-Acute  
COVID-19 Syndrome - Continuation \$17,786

**Douglas Perkins**  
Harvard School of Public Health  
Fogarty Global Health Training Fellowship  
Program - Amendment 3 \$14,281

John E. Fogarty International  
Center for Advanced Study in the  
Health Sciences

Training and Research on Severe  
Malarial Anemia - Continuation \$280,435

#### National Institute of Allergy and Infectious Diseases

*Harnessing the Malarial Immunity  
Omics Landscape in Vaccinated and  
Unvaccinated Children for Improved  
Therapeutic Strategies* \$614,839

#### National Institute of Allergy and Infectious Diseases

*Harnessing the Malarial Immunity  
Omics Landscape in Vaccinated and  
Unvaccinated Children for Improved  
Therapeutic Strategies - Non-Specific  
Supplement* \$65,397

#### Carolina Ponce Orellana

American College of Cardiology  
*Identifying Barriers to Care for Survivors  
of Peripartum Cardiomyopathy Among  
Women in New Mexico* \$8,000

#### David Schade

Case Western Reserve University  
*Epidemiology of Diabetes Intervention and  
Complications - Continuation* \$194,857

George Washington University  
*Alzheimer's Disease and Alzheimer's  
Disease-Related Dementias in Prediabetes  
and Type 2 Diabetes: The Diabetes  
Prevention Program Outcomes Study  
AD/ADRD Project* \$442,521

George Washington University  
*Glycemia Reduction Approaches in  
Diabetes: A Comparative Effectiveness  
Study - Continuation* \$8,761

#### Elyce Sheehan

Duke University  
*RECOVER-ENERGIZE* \$29,150

#### Namita Singh

Novartis Pharmaceuticals  
Corporation  
*APPARENT: LNP023B* \$74,275

#### Manoocher Soleimani

Army Medical Research Acquisition  
Activity  
*Identification of Therapeutically Targetable  
Molecules and Pathways for the Treatment  
of Cystic Kidneys in Tuberous Sclerosis  
Complex* \$761,506

#### N.M. Veterans Affairs Medical Center

*IPA - Brooks - 90-Day  
Continuation* \$3,690

U.S. Department of Veterans Affairs  
*IPA - Barone 90-Day -  
Continuation* \$12,339

U.S. Department of Veterans Affairs  
*IPA - Zahedi - 90-Day  
Continuation* \$12,546

U.S. Department of Veterans Affairs  
*IPA - Zahedi - Continuation* \$49,538

#### Joao Teixeira

BioPorto Diagnostics  
*EPACRA-AKI* \$157,166

La Jolla Pharmaceutical Company  
*Clinical Trial Agreement: A Randomized  
Controlled Pilot Trial of Angiotensin  
II Versus Vasopressin As Second-Line  
Vasopressor in the Treatment of  
Septic Shock - Non-Specific  
Supplement* \$6,500

Talpher Inc  
*CRRT - Non-Specific Supplement* \$7,571

The University of Newcastle,  
Australia  
*REACT Shock* \$37,500

#### Jason Timm

Givaudan Flavors Corporation  
*Givaudan Research Agreement -  
Year 17* \$275,000

#### Mark Unruh

City of Albuquerque  
*Consultant Services for ACS  
Programs* \$280,000

DCI Donor Services  
*Influence of Medications on Kidney  
Disease Outcomes* \$174,748

Honeywell Corporation  
*Occupational Medical Services -  
Continuation* \$25,000

Tufts Medical Center  
*Medical Decision Making for Older Patients  
With End-Stage Renal Disease "VideoKD"  
- Continuation* \$26,612

University of North Carolina at  
Chapel Hill  
*Comparative Effectiveness of Two  
Approaches to Symptom Monitoring in  
Hemodialysis - Continuation* \$173,092

University of Pittsburgh  
*TaCCare 2.0* \$256,680

University of Washington  
*Diversifying Enrollment in the HOPE  
Consortium - Supplement* \$71,131

University of Washington  
*Implementing Treatments for Depression  
for Patients Undergoing Long-Term  
Dialysis Awards* \$30,366

University of Washington  
*Implementing Treatments for Depression  
for Patients Undergoing Long-Term  
Dialysis Awards - Continuation* \$30,408

Veterans Affairs Health  
Administration  
*InchVets - IPA - Tammy Seaman Weidner -  
Continuation* \$13,735

Veterans Affairs Health  
Administration  
*InchVets - IPA - Tammy Seaman  
Weidner - Continuation* \$37,680

Veterans Affairs Office of Research  
and Development  
*IPA Jennifer Wilson- Inchvets -  
Continuation* \$91,418

Veterans Affairs Office of Research  
and Development  
*IPA Jennifer Wilson-inchvets -  
Continuation* \$19,643

Zenith American Solutions, Inc.  
*Occupational & Environmental Health  
Services - Continuation* \$25,000

### Molecular Genetics & Microbiology

#### Kiran Bhaskar

University of Tennessee  
*Validation of a Novel Tau Clearance  
Mechanism - Continuation Year 3* \$152,500

#### Bryce Chackerian

Duke University  
*A Global Syphilis Vaccine Targeting  
the Outer Membrane Proteins of  
Treponema Pallidum* \$38,459

Duke University  
*A Global Syphilis Vaccine Targeting the  
Outer Membrane Proteins of Treponema  
Pallidum - Continuation* \$58,257

National Institute of Allergy and  
Infectious Diseases  
*Virus-Like Particle-Based Malaria Vaccines  
Targeting Vulnerable Epitopes in the  
Circumsporozoite Protein -  
Continuation* \$592,698

National Institute on Drug Abuse  
*Bacteriophage Virus-Like Particle  
Vaccines for Fentanyl and Heroin  
Overdose* \$849,872

University of California, Davis  
*HIV FP Cocktail Vaccines Designed  
for Optimal Follicular T and B Cell  
Induction and Efficacy* \$153,168

#### Vojo Deretic

National Institute of Allergy and  
Infectious Diseases  
*Pattern Receptors and Autophagy  
in Mtb Control in AIDS -  
Continuation* \$571,773

National Institute of General  
Medical Sciences  
*Autophagy, Inflammation and Metabolism  
in Disease Control - Phase 2 -  
Continuation* \$2,258,215





#### **Alison Kell**

Los Alamos National Laboratory  
*Epi-Transcriptome for Novel Antivirals* \$55,000

Los Alamos National Laboratory  
*Nanobody Nanofiber Chimera As Medical Countermeasure* \$26,976

National Institute of Allergy and Infectious Diseases  
*Mapping the Virus-Host Interactions That Determine Interferon Resistance of Seoul Orthohantavirus* \$213,423

National Institute of Allergy and Infectious Diseases  
*Mapping the Virus-Host Interactions That Determine Interferon Resistance of Seoul Orthohantavirus - Continuation* \$190,953

National Institute of Allergy and Infectious Diseases  
*Mapping the Virus-Host Interactions That Determine Interferon Resistance of Seoul Orthohantavirus - Non-Specific Supplement* \$23,713

National Institute of Allergy and Infectious Diseases  
*Role of Type I IFN Signaling in Seoul Orthohantavirus Pathogenesis - Continuation* \$381,250

#### **Michael Mandell**

National Institute of Allergy and

Infectious Diseases  
*Cellular Responses to Retroviral Capsid Recognition - Continuation* \$414,823

#### **Michelle Ozbun**

National Cancer Institute  
*Mechanisms of Papillomavirus Tumor Regression by MEK Signaling Inhibition* \$544,768

National Institute of Allergy and Infectious Diseases  
*Development of a Novel Anti-Viral Treatment for Persistent HPV Disease - Continuation* \$224,630

National Institute of Allergy and Infectious Diseases  
*Development of a Novel Anti-Viral Treatment for Persistent HPV Disease - Non-Specific Supplement* \$19,062

Tulane University  
*Development of a Rhesus Macaque Model of Persistent Oral HPV and HIV Co-Infection to Study Oropharyngeal Cancer Induction - Continuation* \$59,223

#### **Jing Pu**

National Institute of General Medical Sciences  
*Lysosome-Organelle Interaction in Lipid Metabolism - Continuation* \$381,250

National Institute of General Medical Sciences  
*Lysosome-Organelle Interaction in Lipid Metabolism - Non-Specific Supplement* \$38,125

UNM Rainforest Innovations  
*Structural Study of the Interaction Between SARS-CoV-2 Protein ORF3a and Host Protein VPS39* \$24,981

#### **Jaya Rajaiya**

National Eye Institute  
*Novel Mechanisms in Adenoviral Ocular Pathogenesis - Continuation* \$381,250

#### **Xuexian Yang**

National Institute of Allergy and Infectious Diseases  
*Control of the Survival Pathways in TH17 Cells* \$221,888

### **Neurology**

#### **Meeta Cardon**

Muscular Dystrophy Association  
*UNM MDA and MDA/ALS Care Centers- FY 25* \$105,000

#### **Amanda Deligtisch**

The Mind Research Network  
*MRN Administrative Operations - Continuation FY 25* \$20,856

#### **Anish Deshmukh**

Silver Creek Pharmaceuticals, Inc.  
*Silver Creek - SCP-CL-0003 - ARPEGGIO - Continuation* \$68,481

#### **Corey Ford**

Amgen, Inc.  
*A Randomized, Double-Blind, Parallel-Group Study to Compare Pharmacokinetics, Pharmacodynamics, Clinical Effects, and Safety Between ABP 692 and Ocrevus (Ocrelizumab) in Subjects With Relapsing-Remitting Multiple Sclerosis* \$696,365

Sanofi US Services, Inc.  
*EFC16034 GEMINI 2 - Non-Specific Supplement* \$35,824

Sanofi US Services, Inc.  
*EFC16035 - PERSEUS - Continuation* \$153,167

Sanofi US Services, Inc.  
*EFC17504 - FREXVIVA* \$1,441,069

#### **Tarun Girotra**

National Institute of Neurological Disorders and Stroke  
*The Southwestern Stroke Alliance Regional Coordinating Center - Continuation* \$347,199



University of Cincinnati  
CAPTIVA\_MRI \$52,875

**Clotilde Hainline**  
Novartis Pharmaceuticals Corporation  
SWITCH (CLOU064C12306)  
RRMS Trial \$755,378

**Maryam Hosseini Farahabadi**  
DiaMedica Therapeutics Inc.  
Diamedica Therapeutics Inc. -  
ReMEDy II Trial - Continuation \$128,545

**Surojit Paul**  
National Institute on Alcohol Abuse and Alcoholism  
Outcome of Neurological Disorders in Adults Exposed to Moderate Levels of Alcohol In Utero - Continuation \$425,297

**Sarah Pirio Richardson**  
MIND Research Network  
Microbiome-Gut-Brain Dysfunction in Prodromal and Symptomatic Lewy Body Diseases - Continuation \$105,051

UCB BIOPHARMA SPRL  
UCB\_PD0060\_0027-0391 \$247,705

**Ranjana Poddar**  
National Institute of Neurological Disorders and Stroke  
Molecular Basis of Hyperhomocysteinemia- Induced Brain Injury in Ischemic Stroke - Continuation \$520,189

## Neurosciences

**Lee Anna Cunningham**  
National Institute on Alcohol Abuse and Alcoholism  
Network Mechanisms of Impaired Adult Hippocampal Neurogenesis in a Mouse Model of Prenatal Alcohol Exposure - Continuation \$340,875

National Institute on Alcohol Abuse and Alcoholism  
Therapeutic Targeting of Adult Hippocampal Neurogenesis in a Mouse Model of FASD \$42,639

**Jonathan Brigman**  
National Institute on Alcohol Abuse and Alcoholism  
Alcohol Research Training in Neurosciences - Continuation \$190,772

**David Linsenbardt**  
National Institute on Alcohol Abuse and Alcoholism  
The Impact of Third Trimester Alcohol Exposure on Memories Encoded

by Sharp-Wave Ripples \$39,563

National Postdoctoral Association  
Nuevo Neuro New Mexico: Forging Neuroscience Futures \$1,000

**Samuel McKenzie**  
National Institute of Mental Health  
Locus Coeruleus Regulation of Hippocampal Network Reset During Learning \$677,261

**Shahani Noor**  
National Institute on Alcohol Abuse and Alcoholism  
Prenatal Alcohol Exposure Generates Vulnerability to the Proinflammatory Effects of Morphine and Adverse Neuroimmune Consequences - Continuation \$359,976

**Nora Perrone-Bizzozero**  
University of South Carolina  
Destabilization of Axonal MRNAs by KHSRP Controls Axon Regeneration - Amendment 3 \$28,485

**Bill Shuttleworth**  
National Institute of General Medical Sciences  
UNM-CBRR - Continuation- Year 10 \$2,216,490

National Institute of Neurological Disorders and Stroke  
Spreading Depolarizations and Neuronal Vulnerability \$431,850

**Elif Tunc-Ozcan**  
National Institute of Mental Health  
Neural Activity and Circuitry-Mediated Hippocampal Stress Responses - Continuation \$249,000

**Carlos Valenzuela**  
National Institute on Alcohol Abuse and Alcoholism  
Alcohol and Developing Neuronal Circuits - Continuation \$521,566

**Jason Weick**  
National Institute of Neurological Disorders and Stroke  
Molecular Mechanisms of Excitatory Postsynaptic Diversity - Continuation \$340,875

**Tou Yia Vue**  
National Institute of Neurological Disorders and Stroke  
Transcriptional Control of OPC Fate Specification and Homing to Gray Matter and White Matter in the CNS - Continuation \$336,929

## Neurosurgery

**Huy Tran**  
University of Arizona  
Phase 3 (BOOST-3) \$131,747

## Obstetrics & Gynecology

**Eve Espey**  
First Choice Community Healthcare  
Midwifery Services - Continuation \$89,642

New Mexico Sonographics  
MFM Services/Ultrasound Readings - Continuation \$25,000

Planned Parenthood of the Rocky Mountains  
OB/GYN Services \$25,000

Planned Parenthood of the Rocky Mountains  
OB/GYN Services & Medical Directorship - Continuation \$25,000

St. Vincent Regional Medical Center  
OB/GYN Coverage - Continuation \$25,000

**Lisa Hofler**  
St. Vincent Regional Medical Center  
OB/GYN Coverage - Continuation Professional Services \$25,000

**Peter Jeppson**  
Women and Infants' Hospital of Rhode Island  
BEST Trial - PCORI - Continuation Y3 \$288,460

**Vivek Katukuri**  
Ohio State University  
OSU PCORI - DECIDE \$67,508

Ohio State University  
OSU PCORI - DECIDE - Continuation \$78,631

**Kate Meriwether**  
MedStar Health Research Institute, Inc.  
POMEGRANATE \$35,263

RTI International  
PFDN Capitation - Continuation \$10,169

**Katrina Nardini**  
N.M. Department of Health  
Certified Nurse-Midwife Contractor Project w/BAA \$184,832

**Trevor Quiner**  
Blue Cross Blue Shield of N.M.  
BCBS Maternal and Infant Health Initiative \$450,000

<b>Christina Yarrington</b> Boston Medical Center Corporation <i>Transitions in Health-Related Social Needs and Hypertension Management Among High-Risk Postpartum Women</i>	\$52,892
Boston University <i>Postpartum Blood Pressure Monitoring Outcomes - Continuation</i>	\$78,805
Boston University <i>Postpartum Remote Blood Pressure Monitoring Program</i>	\$21,062
Ohio State University <i>OSU Aspirin RCT - PCORI - Continuation</i>	\$69,860
Ohio State University <i>OSU Aspirin RCT - PCORI Resubmission</i>	\$90,836
Ohio State University <i>PCORI Aspirin Study Local CAB Stipends Agreement</i>	\$22,500

## Office of the Medical Investigator

<b>Lauren Dvorscak</b> U.S. Department of Justice <i>Expert Witness Agreement - L. Dvorscak - U.S. v. Marlin James</i>	\$10,527
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<b>Heather Edgar</b> U.S. Department of Justice <i>Expert Witness - H. Edgar - U.S. v. Antonio Chaco</i>	\$4,499
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<b>Daniel Gallego Umana</b> U.S. Department of Justice <i>Expert Witness - D. Gallego/M. Hukins - U.S. v. Edison Brady</i>	\$2,359
U.S. Department of Justice <i>Expert Witness- D. Gallego - U.S. v. Maylene John - Continuation</i>	\$1,498

<b>Emily Helmrich</b> U.S. Department of Justice <i>Expert Witness Agreement - E. Helmrich - U.S. v. Mitchell Mike Garrity</i>	\$12,515
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<b>Heather Jarrell</b> Bureau of Indian Affairs <i>BIA Autopsy Services - Continuation</i>	\$120,000
Eastern New Mexico Medical Center <i>Eastern New Mexico Medical Center - Autopsy Services</i>	\$25,000
Lovelace Health System Autopsy Services FY 25 - Continuation	\$10,000

Memorial Medical Center <i>Autopsy Services - Memorial Medical Center - Continuation</i>	\$5,000
N.M. Crime Victims Reparation Commission <i>Victims of Crime Act Victim Assistance FY 25 - Continuation</i>	\$49,720
N.M. Crime Victims Reparation Commission <i>VOCA FY 25 - State Gap Funding</i>	\$49,721
Navajo Nation <i>Navajo Nation - Autopsy Services - Continuation</i>	\$125,000
U.S. Department of Veterans Affairs <i>VA Autopsy Services - Continuation</i>	\$45,749
<b>Audra Kerwin</b> U.S. Department of Justice <i>Expert Witness - Audra Kerwin - U.S. v. Bryon Lane Mailboy</i>	\$13,890
U.S. Consumer Product Safety Commission <i>MECAP Rports - Continuation</i>	\$1,260

## Ophthalmology & Visual Sciences

<b>James Chodosh</b> American Academy of Ophthalmology <i>RPB - AAO Award for IRIS Registry</i>	\$10,000
Eye Associates of New Mexico <i>Neuro-Ophthalmology Services - Continuation</i>	\$215,405
Massachusetts Eye and Ear Infirmary <i>A Novel Therapy for Complete Cornea and Retina Protection After Ocular Trauma</i>	\$25,205
Massachusetts Eye and Ear Infirmary <i>Continuation - A Novel Therapy for Complete Cornea and Retina Protection After Ocular Trauma - Continuation</i>	\$12,755
Massachusetts Eye and Ear Infirmary <i>Transitioning the Minimally Invasive Artificial Cornea Mi-KPro From Bench to Bedside - Continuation</i>	\$32,469
National Eye Institute <i>Immunopathogenesis of Adenovirus Keratitis - Continuation04</i>	\$319,677
Southwest Eyecare Specialists, PC <i>Comprehensive Ophthalmology Services</i>	\$26,875

University of California, San Francisco SCORPIO	\$20,440
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<b>Elizabeth Cretara</b> American Glaucoma Society <i>Ocular Blood Flow Postmenopause With Hormone Replacement Therapy</i>	\$50,000
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<b>Arup Das</b> N.M. Commission for the Blind <i>Emergency Eye Care FY26</i>	\$160,000
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N.M. Commission for the Blind <i>Emergency Eye Care Program - Continuation for FY 25</i>	\$160,000
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<b>Regeneron</b> <i>Clinical Trial R3918 - AMD-2326/-2327 Phase 3_parexel - Pozelimab and/or Cemdisiran for Geographic Atrophy Secondary to AMD</i>	\$544,068
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Veterans Affairs Health Administration <i>IPA With VA: Finny Monickaraj Swamidoss - Non-Specific Supplement</i>	\$112,865
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<b>Mohammad Islam</b> National Eye Institute <i>Mesenchymal Stem Cells Can Restore and Maintain Corneal Endothelial Function</i>	\$249,000
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## Orthopaedics & Rehabilitation

<b>Dustin Richter</b> Best In Class MD <i>BIC - MD</i>	\$26,400
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Stryker Orthopaedics & Rehabilitation <i>Consulting Agreement - Specific Supplement</i>	\$55,000
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University of Pittsburgh <i>AMEND 22 - Surgical Timing and Rehabilitation for Multiple Ligament Knee Injuries:A Multicenter Integrated Clinical Trial - Specific Supplement</i>	\$992
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University of Pittsburgh <i>Surgical Timing and Rehabilitation for Multiple Ligament Knee Injuries: A Multicenter Integrated Clinical Trial - Specific Supplement</i>	\$159
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University of Pittsburgh Surgical <i>Timing and Rehabilitation for Multiple Ligament Knee Injuries: A Multicenter Integrated Clinical Trial - Specific Supplement</i>	\$303
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### Selina Silva

Ann & Robert H. Lurie Children's  
Hospital of Chicago  
*Infrastructure for Musculoskeletal  
Pediatric Acute Care Clinical Trials -  
Continuation* \$1,800

### Gehron Treme

Arca Foundation  
*Medical Director Services -  
Continuation* \$25,000

Balanced Physical Therapy and  
Wellness LLC  
*Physical Therapists Evaluate and  
Treat Patients - Continuation* \$25,000

## Pathology

### Tione Buranda

Association of Public Health  
Laboratories  
*Subject Matter Expert - DEIA -  
Non-Specific Supplement* \$15,000

### Nadja Falk

TriCore Reference Laboratories  
*TO#47 Techcyte Cervical Cytology  
Clinical Validation Study* \$27,320

### Jennifer Gillette

American Heart Association  
*ABCA1-Dependent Cholesterol Efflux  
Can Regulate Cholesterol Content in  
Endothelial Cells - Specific  
Supplement* \$1,330

American Heart Association  
*Acid-Sensing Ion Channel in  
Pulmonary Hypertension -  
Specific Supplement* \$1,330

American Heart Association  
*UNM American Heart Association  
Summer Undergraduate  
Research Experience* \$22,422

American Heart Association  
*Unveiling the Contribution of Extregs  
to Hypoxic Pulmonary Hypertension  
Pathogenesis - Specific  
Supplement* \$1,330

National Heart, Lung, and Blood  
Institute  
*Functional Role of Tetraspanin CD82  
in Hematopoietic Stem Cell  
Interactions - Continuation* \$376,845

### Rama Gullapalli

University of Virginia  
*Biospecimen Procurement & Tissue  
Microarray Manufacture for the  
CHTN - Continuation* \$140,169

### Tae-Hyung Kim

National Institute of General  
Medical Sciences  
*Cell Type-Specific Molecular Mechanisms  
by Which Glucose Availability Regulates  
Cell Mechanics and Function* \$350,275

### Diane Lidke

Los Alamos National Laboratory  
*System Dynamics of PD-1 Signaling  
in T Cells - Continuation* \$211,768

National Institute of General  
Medical Sciences  
*Imaging the Early Events in  
Membrane Receptor Signaling -  
Continuation* \$418,819

National Institute of General  
Medical Studies  
*Academic Science Education  
and Research Training* \$1,243,022

### Dennis McCance

University of Virginia  
*Biospecimen Procurement & Tissue  
Microarray Manufacture for the  
CHTN* \$155,744

### Aysha Mubeen

TriCore Reference Laboratories  
*TO#46 Techcyte Cervical Cytology  
Clinical Validation Study* \$39,020

### Aaron Neumann

UNM Rainforest Innovations  
*Rapid, Culture-Free Optical  
Discrimination of Fungal Pathogens  
During Acute Infection* \$25,000

### Samuel Reynolds

TriCore Reference Laboratories  
*TO#48 Techcyte Cervical Cytology  
Clinical Validation Study* \$39,020

### Katherine Zychowski Bufford

National Institute of Environmental  
Health Sciences  
*Systemic Implications and Novel  
Mechanisms of Circulating Extracellular  
Vesicles Following Inhaled Exposures -  
Continuation* \$511,124

National Institute of Environmental  
Health Sciences  
*Systemic Implications and Novel  
Mechanisms of Circulating  
Extracellular Vesicles  
Following Inhaled Exposures -  
Continuation* \$512,345

## Pediatrics

### Dawn (Walstrom) Novak

N.M. Early Childhood Education  
and Care Department  
*Developmental Care Continuity*



Program - Continuation - Specific Supplement	\$12,000	N.M. Health Care Authority SNAP-ED Evaluation 24-25	\$309,980	N.M. Crime Victims Reparation Commission Children and Adolescents Sexual Assault/Abuse Exam Services	\$98,000
<b>Shirley Abraham</b> American Thrombosis and Hemostatis Network American Thrombosis and Hemostatis Network Round 16 - Continuation	\$14,500	Presbyterian Healthcare Services, Inc. DPP Evaluation 24-25	\$100,000	N.M. Crime Victims Reparation Commission CVRC SAS State Grant - FY 25	\$439,470
American Thrombosis and Hemostatis Network ATHN Trancends	\$192,000	Presbyterian Healthcare Services, Inc. REACH Evaluation 24-25	\$90,000	N.M. Crime Victims Reparation Commission Para Los Niños New Therapy, Outreach and Education Initiatives - FY 25	\$53,400
Hemophilia Alliance Foundation Hemophilia Treatment Center - HAF Submission 2025-2026	\$5,000	<b>Sally Davis</b> N.M. Department of Health Implementing Evidence-Based Recommendations in Community Projects 24-25	\$45,000	<b>Julia Hess</b> United Voices for Newcomer Rights REFRAME	\$178,962
Oregon Health & Science University ATHN_CDC_Public Health Surveillance for the Prevention of Complications of Bleeding Disorders - FY 25 Continuation	\$30,000	N.M. Health Care Authority Chile Plus 24-25	\$456,862	<b>Michele Hutchison</b> PPD Investigator Services AWARD-PEDS PLUS	\$423,690
Oregon Health & Science University Regional Hemophilia Network - Mountain States - Non-Specific Supplement	\$413,222	<b>Timothy Dionne</b> Bureau of Health Professions HRSA Scholarship for Disadvantaged Students - Continuation	\$650,000	<b>Kamyron Jordan</b> Cystic Fibrosis Foundation Racial & Ethnic Differences in Response to ETI Therapy	\$84,000
<b>Suzanne Burns</b> University of Wisconsin-Milwaukee Building Accessibility in the Community - Continuation	\$32,168	Bureau of Health Professions HRSA Scholarship for Disadvantaged Students - Continuation - Non- Specific Supplement	\$20,000	<b>Rebecca Kilburn</b> Albuquerque Public Schools APS YRRS 24-25	\$120,000
<b>Jessica C Salazar</b> University of Wisconsin-Milwaukee Opening the Door for Accessibility Ratings in the Community: Stage of Adoption - Continuation	\$24,034	<b>Kevin Estes</b> Conrad N. Hilton Foundation Effects of Cash Transfers on ECS - HF	\$50,000	Conrad N. Hilton Foundation Incentives for HV Family Retention - HF	\$367,519
<b>Glenda Canaca</b> N.M. Health Care Authority Social Marketing 24-25	\$659,568	<b>Courtney FitzGerald</b> Conrad N. Hilton Foundation Reframing Home Visiting - HF	\$199,696	Falling Colors Corporation OSAH Youth Risk and Resiliency Survey 2023	\$30,000
<b>Loretta Cordova de Ortega</b> Children's Hospital Colorado Pediatric Electrophysiology Services Pediatric Cardiology Service - Continuation	\$50,000	<b>Janell Fuller</b> Eunice Kennedy Shriver National Institute of Child Health and Human Development Cooperative Multicenter Neonatal Research Network - Continuation	\$325,555	Imagine New Mexico Imagine New Mexico	\$40,000
Presbyterian Healthcare Services, Inc. Pediatric Interventional Cardiology Medical Director - Continuation	\$50,000	RTI International NIH/NICHD Neonatal Capitation (NRN) - Specific Supplement	\$50,000	Institute of Education Science Using Text Messaging to Improve Kindergarten Readiness in Children in Rural New Mexico - Tips by Text Year 3/5	\$1,047,683
Presbyterian Healthcare Services, Inc. Pediatric Nephrology Medical Director Services - Continuation	\$39,863	<b>Rebecca Girardet</b> Administration for Children and Families CDCP Award: Measuring Child Maltreatment to Inform Prevention: A Path to Brighter Futures	\$500,000	N.M. Children, Youth & Families Department CYFD JCC Program Study	\$21,236
<b>Theresa Cruz</b> Conrad N. Hilton Foundation Peer 2 Peer HV Referrals - HF	\$408,785	Brindle Foundation Healthy Beginnings for Young Children in Foster Care	\$17,000	N.M. Department of Health YRRS 25 and 2026 School Health Profiles Project	\$92,313
Keres Consulting Inc. Native Chair Care	\$20,000	N.M. Crime Victim Reparations Commission VOCA FY 25	\$27,262	N.M. Department of Health YRRS 25 and 2026 School Health Profiles Project - Specific Supplement	\$237,375
N.M. Department of Health Core SIPP 24-25	\$207,937	N.M. Crime Victim Reparations Commission VOCA FY 25 - State Gap Funding	\$27,262	N.M. Health Care Authority Closed-Loop Referral System Evaluation Project	\$62,000

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U.S. Department of Education  
Project for N.M. Children Who Are  
Deaf-Blind - Continuation \$117,970

#### Tim Ozechowski

Center for Substance Abuse  
Treatment  
SBIRT in N.M. SBHC \$600,000

Falling Colors Corporation  
SBIRT Trainings for School-Based Health  
Centers and Pediatric Providers \$364,830

Partnership to End Addiction  
Adolescent-Only SBI v. Family-Based SBI  
in Primary Care for Adolescent Alcohol  
Use - Continuation \$15,094

#### Heather Pratt-Chavez

Center for Substance Abuse  
Treatment  
SAMHSA NOWS \$3,900,000

#### Hengameh Raissy

Parexel International  
AZ ACADIA Study \$250,000

#### Leslie Strickler

U.S. Department of Justice  
Expert Witness Contract - U.S.  
v. Marquez \$4,722

#### Mary Thelander

New Mexico State University  
N.M. Agrability - Assistive Technology  
Program for Farmers With Disabilities -  
Continuation \$37,623

#### Jessica Valdez

Children's Oncology Group  
St. Baldrick's Foundation- COG  
Research Protocols - Non-Specific  
Supplement \$1,500

Dana Farber Cancer Institute  
Disparities in Clinical Trial Enrollment  
Among Adolescents and Young Adults  
With Cancer - FY 25 Continuation \$35,759

Public Health Institute  
AALL2121 A Study of Revumenib in  
Combination With Chemotherapy for  
Patients Diagnosed With Relapsed or  
Refractory Leukemia \$16,552

Public Health Institute  
APAL2020SC the Pediatric Acute  
Leukemia Screening Trial \$8,000

Public Health Institute  
COG PHI Work Order AR72636 \$14,400

Public Health Institute  
COG PHI Work Order AR74107 \$2,880

St. Baldrick's Foundation  
St. Baldrick's Grant Submission FY 25 -  
Continuation \$50,000

#### Monique Vallabhan

Brindle Foundation  
Advancing Hepatitis C Detection  
and Treatment in Northern N.M.  
Children \$25,000

Falling Colors Corporation  
School-Based Health Center  
Services \$2,019,000

#### Jennifer Vickers

N.M. Department of Health  
Continuum of Care MAIN \$1,041,707

N.M. Department of Health  
Mortality Review \$136,580

#### Craig Wong

Nationwide Children's Hospital  
CureGN 3.0 \$22,501

The Children's Mercy Hospital  
CKID V - Continuation \$19,159

### Psychiatry & Behavioral Sciences

#### Christopher Abbott

National Institute of Mental Health  
Deciphering Mechanisms of ECT  
Outcomes and Adverse Effects -  
Continuation Year 4 \$446,461

National Institute of Mental Health  
Electroconvulsive Therapy Amplitude  
Titration for Improved Clinical  
Outcomes - Continuation YR5 \$549,610

#### Deborah Altschul

Connect New Mexico Office of  
Broadband Access and Expansion  
Broadband Telehealth - Technical  
Assistance Training \$79,000

San Felipe Pueblo  
San Felipe GLS Youth Suicide  
Prevention \$550,000

San Felipe Pueblo  
San Felipe Native AWARE II -  
Amendment 1 \$179,955

#### Snehal Bhatt

NYU Langone Medical Center  
Evaluation of Psilocybin as an Adjunctive  
Treatment for Opioid Use Disorder in  
Methadone-Maintained Patients Who  
Continue to Use Illicit Opioids \$714,194

#### Caroline Bonham

Indian Health Service  
IHS TBH Center of Excellence -  
Option Year 1 \$650,000

N.M. Human Services Department  
HSD Behavioral Health Consultant, N.M.  
Consortium for Behavioral Health, Training  
and Research Development Support, Early

Assessment and Resource Linkage for  
Youth Clinic, EARLY FEP ARPA, Honoring  
Native Life Medicaid - FY 25 \$7,424,777

N.M. Human Services Department  
HSD BH Consultant, CBHTR, EARLY  
Behavioral Health Program Mapping  
Report \$32,000

N.M. Indian Affairs Department  
IAD Behavioral Health Services  
FY 25 \$125,000

N.M. Indian Affairs Department  
IAD Youth Council FY 25 \$50,000

#### Jose Canaca

N.M. Health Care Authority  
BHSD Rural Public Psychiatry  
FY 25-FY26 \$900,000

New Mexico Primary Care Training  
Consortium  
Doña Ana County-University of New  
Mexico GME Expansion \$140,000

#### Thomas Chavez

St. John's College  
St. John's GLS Campus Suicide -  
Evaluation \$25,225

#### Annette Crisanti

City of Albuquerque  
APD CIT ECHO Program  
Coordinator - FY 25 \$99,999

Falling Colors Corporation  
Opening Doors for Homeless -  
FY 25 \$59,360

N.M. Behavioral Health  
Collaborative  
Mobile Crisis Team - Training  
Roundtable \$33,300

N.M. Behavioral Health  
Collaborative  
Mobile Crisis Team Evaluation \$255,000

N.M. Behavioral Health  
Collaborative  
PSW Training Development \$211,098

Washington State University  
Family Peer Delivered  
Coordinated Specialty Care \$123,359

#### Brian Isakson

N.M. Children, Youth & Families  
Department  
CYFD Shelter Program  
Evaluation \$1,592,000

#### Tyler Kincaid

N.M. Behavioral Health  
Collaborative  
CCBHC Extension - Specific  
Supplement \$69,000



N.M. Children, Youth & Families  
Department  
*Multi-Systemic Therapy Data  
Reporting Initiative - FY 25* \$42,200

N.M. Health Care Authority  
*Certified Community Behavioral  
Health Clinic Demonstration  
Year 2* \$200,000

**David Lardier**  
Montclair State University  
*Prevention Navigator - Year 4* \$25,000

Montclair State University  
*Strategic Prevention Framework -  
Partnerships for Success - Final  
Year* \$21,050

N.M. Public Education Department  
*PED Advancing Wellness and Resiliency  
in Education - State Education  
Agency - FY 25* \$255,000

N.M. Public Education Department  
*PED AWARE-SEA Training (FY 25)* \$13,716

**Rodney McNease**  
Bernalillo County  
*Behavioral Health Services -  
Continuation* \$463,216

Bernalillo County  
*Behavioral Health Services -  
Continuation* \$520,467

**My Nim**  
N.M. Behavioral Health  
Collaborative  
*Resiliency in Communities After  
Stress and Trauma -  
Continuation* \$150,000

**Jennifer Perillo**  
N.M. Behavioral Health  
Collaborative  
*Supported Employment Program,  
aka N.M. SUCCESS* \$180,000

N.M. Behavioral Health  
Collaborative  
*Treatment Implementation  
Extension - FY 25* \$60,000

National Institute of Justice  
*Parole and Reduced Incarceration  
for People Thru Access to  
Re-Entry* \$400,000

**Davin Quinn**  
Army Medical Research  
Acquisition Activity  
*MANIFEST* \$432,818

Army Medical Research  
Acquisition Activity  
*MANIFEST - Continuation  
for Clinical Trial Phase* \$3,404,310

The Mind Research Network  
*MC-TBI (MRN) - Continuation YR3* \$22,190

**Julie Salvador**  
Falling Colors Corporation  
*SOR 4* \$1,245,334

Falling Colors Corporation  
*State Opioid Response IV (SOR 4) -  
SA Initiative* \$86,313

**Mauricio Tohen**  
City of Albuquerque  
*Psychiatric Services (UNMH/CABQ  
ACT Program) - Continuation* \$149,760

McLean Hospital  
*UNM/McLean First Episode Study -  
Continuation YR2* \$18,298

N.M. Veterans Affairs Health Care  
*System Psychological Evaluations -  
Continuation* \$25,000

**Ann Waldorf**  
Center for Substance Abuse  
Treatment  
*NM-FOCUS-MAT - Yr4* \$525,000

## Radiology

**Gary Mlady**  
N.M. Department of Health  
*DOH & Breast Cervical Cancer Early  
Detection Program Project -  
Non-Specific Supplement* \$105,500

Santo Domingo Pueblo Health  
Center  
*Qualified Medical Physicists  
Services - Continuation* \$25,000

U.S. Department of Veterans Affairs  
*Provide Radiological and Nuclear  
Medicine Diagnostic and Therapy  
Services for NMVAHCS* \$1,576

**Reed Selwyn**  
Central New Mexico Community  
College Radiologic Technology  
Program  
*Qualified Medical Physicists  
Services - Continuation* \$25,000

Duke City Urgent Care, LLC  
*Qualified Medical Physicists  
Services - Continuation* \$25,000

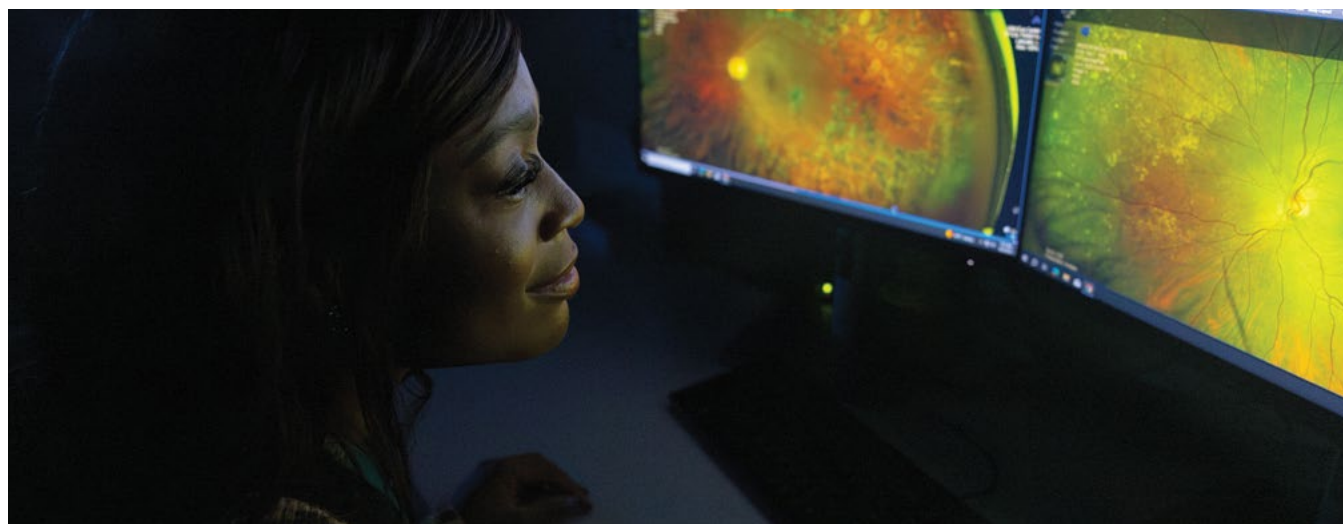
Four Corners ASC  
*Qualified Medical Physicists  
Services - Continuation* \$25,000

Interventional Pain Associates  
*Qualified Medical Physicists  
Services - Continuation* \$25,000

Kindred Hospital  
*Qualified Medical Physicists  
Services* \$25,000

Lovelace Health System  
*Qualified Medical Physicists  
Services - Continuation* \$25,000

N.M. Center for Pain & Wellness  
*Qualified Medical Physicists  
Services - Continuation* \$25,000



N.M. Center for Pain & Wellness  
Qualified Medical Physicians  
Services - Continuation \$25,000

N.M. Department of Health  
DOH & Breast Cervical Cancer Early  
Detection Program Project \$380,823

Nexus Health LLC  
Qualified Medical Physicians  
Services \$25,000

Sandia Pain Center LLC  
Qualified Medical Physicians  
Services - Continuation \$25,000

U.S. Department of Veterans Affairs  
Provide Radiological and Nuclear  
Medicine Diagnostic and  
Therapy Services for NMVAHCS -  
Continuation \$1,181,878

U.S. Department of Veterans Affairs  
Provide Radiological and Nuclear  
Medicine Diagnostic and  
Therapy Services for NMVAHCS -  
Continuation \$4,635,442

VCA Veterinary Care Animal  
Hospital and Referral Center  
Qualified Medical Physicians  
Services \$25,000

W & H Enterprises, LLC dba Just  
Clean Smiles  
Qualified Medical Physicians  
Services \$25,000

X-Ray Associates of New Mexico  
Qualified Medical Physicians  
Services - Continuation \$25,000

## Student Services

**Teresa Vigil-Baca**  
Health Resources and Services  
Administration  
MD Scholarship for Disadvantaged  
Students - Non-Specific  
Supplement \$20,000

## Surgery

**Muhammad Ali Rana**  
N.M. Veterans Affairs Health Care  
System  
On-Site Vascular Surgery  
Coverage at the NMVACHS \$425,443

**Ross Clark**  
Exhalix, LLC  
HEALS Phase II: An Active Hydrogen  
Sulfide Delivery Technique for  
Accelerated, Effective Wound  
Healing - Continuation \$164,637

**Sharmila Dissanaik**  
Presbyterian Medical Services  
Surgery, Orthopedics, & Rehabilitation -  
Continuation \$25,000

**John Marek**  
Presbyterian Medical Services  
Surgery, Orthopedics &  
Rehabilitation - Continuation \$25,000

**Richard Miskimins**  
AMG Specialty Hospital  
Clinical Services - Continuation \$50,000

KLS Martin LP  
May 2024 ASSET Grant \$7,500

**Renee Pepin**  
Luna Community College  
Housing Support for UNM Surgery  
Residents \$9,000

## UNM HOSPITAL

**Kate Becker**  
City of Albuquerque  
Intensive Case Management  
Services - Continuation \$610,000

N.M. Early Childhood Education  
and Care Department  
N.M. Early Childhood Education  
and Care Department Home  
Visiting Scope of Work \$482,400

**Carole Conley**  
N.M. Department of Health  
HIV Services Provider  
Network \$2,080,000

**Rodney McNease**  
Bernalillo County  
Behavioral Health Services -  
Continuation \$2,000,000

Bernalillo County  
Harm Reduction/Community-  
Based Healthcare Services \$100,000

City of Albuquerque  
Domestic Violence Trauma  
Services - Continuation \$232,000

City of Albuquerque  
Early Prevention and Intervention  
Services - Continuation \$236,340

City of Albuquerque  
UNMH-YCHC Primary Care  
Services - Continuation \$161,970

**Gary Mlady**  
N.M. Department of Health  
DOH BCC Early Detection  
Program, Screening Services  
Case Manager Project 25 665  
2002 00020 00 \$255,000

**Robert Perry**  
N.M. Department of Health  
DOH 2025 New Mexico Medical  
Reserve Corps Volunteer  
Transportation Project  
25 665 3050 00015 00 \$108,425

## UNM MEDICAL GROUP, INC.

**Christopher Arndt**  
Holy Cross of Taos  
OCCS Locum Tenens Physician  
Services Holy Cross Medical  
Center \$25,000

**Tasha Barnes**  
El Centro Family Health  
Locum Tenens Physician Services \$25,000

El Pueblo Health Service  
OCCS Locum Tenens El Pueblo  
Health Services \$25,000

Mora Valley Community Health  
Services, Inc.  
Locum Tenens Physician  
Services MVCHS \$25,000

Ramah Navajo School Board, Inc.,  
dba Pine Hill Health Center Locum  
Tenens Physician Services -  
Continuation \$25,000

Sandia Pueblo Health Center  
Locum Tenens Physician Services \$25,000

**Gary Mlady**  
Alma Family Medicine  
Locum Tenens Physician Services -  
Continuation \$25,000

Kewa Pueblo Health Corporation  
Locum Tenens Physician Services \$25,000

Rio Grande, Inc.  
Integrative & Alternative Medicine  
CAM Services \$25,000

## VICE PRESIDENT FOR COMMUNITY HEALTH

**Heidi Fredine**  
N.M. Early Childhood Education  
and Care Department  
Mas Dulce IV \$810,410





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OFFICE OF RESEARCH  
1 University of New Mexico  
MSC08-4560, Fitz Hall B-61  
Albuquerque, NM 87131-0001

RESEARCH ANNUAL REPORT 2025

# DISCOVERY

An abstract illustration of a cell and a neuron. The top half of the image shows a cross-section of a cell with orange, rectangular organelles and a yellow, branching neuron-like structure. The bottom half is a teal background with various colored circles and a rainbow arc.

TURNING RESEARCH  
INTO CURES