THE UNIVERSITY OF NEW MEXICO SCHOOL OF ENGINEERING

SPRING CONVOCATION

Saturday, May 14, 2022 • 2:30 p.m. University Arena ("the Pit")

Message from the Dean

To the Spring 2022 University of New Mexico School of Engineering Graduates

Welcome to the Spring 2022 University of New Mexico School of Engineering Convocation. After two years, I am happy that we are once again back in person for our event at the Pit.

The last couple of years have been challenging for all of us - students, staff and faculty - as we have tried our best to navigate life during a pandemic while still providing the best educational and research opportunities possible. To see all the graduates here today is proof that we have succeeded in spite of the challenges.

Earning an engineering or computer science degree is always challenging, but life during the pandemic has made every aspect of life more difficult, so to the students graduating this year who have persevered, we are especially proud of your hard work, dedication and unfaltering belief that there are better days to come.



Because no one earns a degree alone, we recognize and thank all of the family, friends, teachers, professors, classmates, colleagues, coworkers and advisors who helped make this day possible. This could not happen without everyone's efforts.

Graduates, we welcome you to the distinguished company of the School of Engineering alumni and can't wait to see the many ways in which you will make a difference in the world.

I. A

Christos Christodoulou Jim and Ellen King Dean of Engineering and Computing

SPRING CONVOCATION

UNIVERSITY OF NEW MEXICO SCHOOL OF ENGINEERING

SATURDAY, MAY 14, 2022 • 2:30 P.M. University Arena ("the Pit")

BOARD OF REGENTS

The laws of New Mexico provide for a Board of Regents which is responsible for the governance of The University of New Mexico. The Board's power to govern the University includes fiduciary responsibility for the assets and programs of the University, establishment of goals and policies to guide the University, and oversight of the functioning of the University.

The Board is comprised of seven members who are appointed by the governor of New Mexico, with the consent of the Senate, for staggered terms of six years except for the student regent, who is appointed for a two-year term. The governor and the secretary of education are designated as ex-officio, non-voting members.

The Regents

Douglas M. Brown, Chair Kimberly Sanchez Rael, Vice Chair Sandra K. Begay, Secretary-Treasurer Jack L. Fortner William H. Payne Robert L. Schwartz Randy Ko, Student Regent

TABLE OF CONTENTS

Message from the Dean	1
Board of Regents	2
Convocation Program	3
Platform Party	4
Convocation Traditions	5
Keynote Speaker	6
Student Speakers	7-8
Breece Award	9
Degrees Awarded	10
Mechanical Engineering	11
Nuclear Engineering	12
Chemical & Biological Engineering	13
Civil, Construction & Environmental	
Engineering	14
Computer Science	15
Electrical & Computer Engineering	16
Interdisciplinary Programs	
Biomedical Engineering	17
Nanoscience and Microsystems	
Engineering	17
Optical Science and Engineering	17
Undergraduate honors	18

Convocation Program

Processional

FACULTY MARSHAL

Cassiano de Oliveira, Professor, Nuclear Engineering

BANNER CARRIER

Sandra Lorann Dennison, Mechanical Engineering

PROCESSIONAL MUSIC

"Pomp and Circumstance March Number 1," Composed by Sir Edward Elgar "Procession of the Nobles," Composed by Nicolai Rimsky-Korsakov

Performed by The New Mexico Brass Quintet

MASTER OF CEREMONIES

Charles B. Fleddermann, Associate Dean for Academic Affairs and Community Engagement

KEYNOTE SPEAKER

Tim Thompson, M.S. Mechanical Engineering, '90

STUDENT SPEAKERS

David Arredondo, M.S. Computer Science, Ph.D. Nanoscience and Microsystems Engineering Anna Janicek, B.S. Electrical Engineering

PRESENTATION OF BREECE AWARD

Presenter: Edl Schamiloglu, Associate Dean for Research and Innovation

Awardees: Kristen Batt, B.S. Chemical and Biological Engineering

Anna Janicek, B.S. Electrical Engineering

PRESENTATION OF DEGREE CANDIDATES

Charles B. Fleddermann, Associate Dean for Academic Affairs and Community Engagement

RECESSIONAL

Platform Party

UNIVERSITY OF NEW MEXICO ADMINISTRATION

James Holloway, Provost and Executive Vice President for Academic Affairs

Julie Coonrod, Dean, Graduate Studies

SCHOOL OF ENGINEERING ADMINISTRATION

Christos Christodoulou, Dean, School of Engineering Charles B. Fleddermann, Associate Dean for Academic Affairs and Community Engagement Edl Schamiloglu, Associate Dean for Research and Innovation Abhaya Datye, Chair, Department of Chemical and Biological Engineering Mahmoud Taha, Chair, Department of Civil, Construction and Environmental Engineering Darko Stefanovic, Chair, Department of Computer Science Michael Devetsikiotis, Chair, Department of Electrical and Computer Engineering Yu-Lin Shen, Chair, Department of Mechanical Engineering Hyoung K. (Hank) Lee, Chair, Department of Nuclear Engineering Daniel Feezell, Optical Science and Engineering Program

FACULTY MARSHAL

Cassiano de Oliveira, Professor, Nuclear Engineering

KEYNOTE SPEAKER

Tim Thompson, M.S. Mechanical Engineering, '90

STUDENT SPEAKERS

David Arredondo, M.S. Computer Science, Ph.D. Nanoscience and Microsystems Engineering Anna Janicek, B.S. Electrical Engineering

Convocation Traditions

Throughout their long and proud history, universities have retained and cherished strong ties to their ceremonial roots. When English universities were taking form in the 12th and 13th centuries, scholars were also clerics. They adopted robes similar to those of their monastic orders. Caps were a necessity in the drafty buildings, and copes, or capes with hoods attached, were needed for warmth.

School of Engineering Convocation

The School of Engineering Convocation pays tribute to the history and traditions of graduations throughout the ages. The bachelor's gown is red, has long sleeves, and is worn closed. The master's and doctor's gowns are black. The cap, originally round, is now a square mortarboard and is the same for all degrees. Caps are traditionally black with a long tassel fastened to the mid-point. The tassel is worn on the right side until the degree has been conferred; it is then worn on the left. The hood indicates the type of degree and the official color or colors of the university conferring the degree. For example, the color orange represents engineering, and that color is used on the velvet binding or edging of the hood. The official University of New Mexico colors are cherry and silver, so the hood is lined with silver gray with a chevron of cherry red.

The Convocation begins and ends with a colorful academic procession, led by a staff member carrying a banner in front of the School of Engineering degree candidates. The faculty marshal is usually selected from School of Engineering emeritus faculty, an



honorary title for retired full-time faculty. The faculty marshal carries a mace or ceremonial staff and leads the platform party, composed of School of Engineering academic leadership, UNM regents and dignitaries, and convocation speakers.

The mace traces its origins to a medieval weapon and was later carried before kings and high church officials as a ceremonial emblem of authority. The current mace was created by Peter Vorobieff, a professor of mechanical engineering, staff member Jason Church, and student Daniel Freelong. It is made of steel and leather, similar to the maces used during the siege of Valetta (1565) by combat engineers.

Keynote Speaker

Tim Thompson

M.S., Mechanical Engineering '90

Tim Thompson, CEO of AvaDent and a native of Belen, N.M., got his first taste of the STEM disciplines from his father, who was a meteorologist for the National Weather Service in Goodland, Kan., which is where Tim spent his early childhood.



Then when Tim was 9, his father decided to change careers, moving the family to Belen, where his father ran a hardware store. For young Tim, this served as not only a close-up look at management, but also provided hands-on training for his early mechanical ideas.

"I worked on all kinds of gadgets, from air conditioners to washers and dryers, taking them apart and figuring out how they worked and ultimately fixing them for our customers."

He also was inspired by what he calls an "incredible teacher," Mr. Glenn Oliver, in high school, who mentored many students into STEM fields.

These formative experiences guided Tim into majoring in mechanical engineering,

where he earned a bachelor's degree at New Mexico State University in 1978. Upon graduation, he moved to Phoenix to work for Honeywell's jet engine division for seven years. He then took a position at Los Alamos National Laboratory, where he became a group leader for design engineering, managing about 150 engineers and technicians and developing new advanced technology programs. That's when he realized that his true calling might be to combine engineering with business. "I went from an engineer to being an engineering manager, and it was great to have a strong technical background, but I discovered that I also had a strong interest in business and entrepreneurship."

After completing MBA courses at Arizona State University, Tim finally decided to enroll in master's engineering classes at UNM's Los Alamos branch. "It took me a little longer, because I was married with kids and took one class a semester for many years."

While he did not have the typical on-campus college student experience, he said he remembers the excellent instructors that he had in the mechanical engineering program and received valuable technical knowledge that helped him advance his career. He earned his master's degree in 1990.

After that, he held a variety of positions as president, CEO and COO of tech-related companies, including HYTEC, IMTEC, and 3M. In 2011, he became president and CEO of Global Dental Science, operating as AvaDent, which is based in Scottsdale, Ariz., but has an office in Santa Fe. The company utilizes advanced technology to make the process of fitting dental prosthetics like dentures quicker and more comfortable for the patient. AvaDent uses robotic technology and computer-aided engineering to precisely and efficiently fit patients and provide natural-looking esthetics.

Tim has garnered a variety of honors over his career, including the Flying Forty award from Technology Ventures Corporation for 2002, 2003, 2004, 2005, 2006 and 2007, *Discover Magazine*'s award as a top innovator in Aerospace in 1996, and Ernst & Young Entrepreneur of the Year finalist in 2004. He is a member of New Mexico State University's Mechanical Engineering Academy. His hobbies include collecting vintage cars, traveling and tinkering with projects around the home. He and his wife, Barbara, are living in the Santa Fe area with their Havanese pets.

Student Speakers

Anna Janicek

B.S., Electrical Engineering

Although she is only an undergraduate, Anna Janicek's list of accomplishments is already longer than many experienced engineers in the field.

True to form, this year, Anna not only is the undergraduate speaker for the spring Convocation, but she is also



one of the Breece Award winners for a high grade-point average (see the other winner on Page 9) and was selected as the Outstanding Senior at the School of Engineering Annual Awards earlier this month.

She also is chair of the Engineering Student Council, the School of Engineering representative for Associated Students of UNM (ASUNM) and has been heavily involved in the Society of Women Engineers (SWE) since she arrived at UNM in 2018, serving as president, conference chair, professional development chair and social media chair. In addition, Anna is a peer mentor and a member of Tau Beta Pi and Eta Kappa Nu engineering honor societies, and received the Goldwater Scholarship in 2021, among many other honors and activities.

Anna, who is from Boise, Idaho, decided to attend UNM because of the Amigo Scholarship. She didn't have much knowledge of New Mexico or of UNM, but quickly knew her decision was the right one.

"I think the best part of UNM is that we are so close to the labs," she said.

Anna began in chemical engineering, but soon discovered that working with lasers was her true passion, so she found a natural fit in the Department of Electrical and Computer Engineering.

In addition to her extracurricular involvement, she also was able to use that proximity to secure an internship at the Air Force Research Laboratory, which led to her part-time engineering technologist position at Leidos.

As a child, she was steered early into the STEM fields, attending a STEM-based elementary school and remembered various outreach efforts that sparked her interest. Although she considered herself a "girly girl," she was also fascinated by science: "I had pulleys all over my Barbie Dream House."

Anna said she is very proud of all that she has been able to accomplish academically and socially at UNM, which includes taking active leadership in SWE and keeping momentum and membership alive even during COVID-19. She has also had the chance to attend many conferences and author journal articles.

In her spare time, she has discovered yoga and rock climbing.

She plans to earn her master's degree in electrical engineering at UNM, working with Edl Schamiloglu in directed energy. Anna is leaving her future open, but it's safe to say that it will involve discovery. "I love the a-ha moment in science."

David Arredondo

M.S., Computer Science

Ph.D., Nanoscience and Microsystems Engineering

Most students going through the School of Engineering are earning just one degree at a time. But for David Arredondo, one degree wasn't enough. This May, he is earning a master's in computer science and a Ph.D. in nanoscience and microsystems engineering (NSME).



Either one of those graduate programs is undoubtedly challenging, but two at the same time?

"It wasn't as hard as I thought it would be," he said.

While he is likely being modest, the two programs are complementary. The Albuquerque native left the state to attend the University of Denver, where he earned a degree in physics. He worked at Array Technologies, a solar tracker company started in Albuquerque that is now international, as an engineer testing prototypes for two years in between his undergrad and graduate degrees. He then became interested in molecular

computing and sought out UNM. He started the Ph.D. program in NSME, then realized that so much of what he was doing was related to computer science it made sense to add on a degree, even though he first thought it would be "impossible."

Working with computer science faculty members Matt Lakin and Darko Stefanovic, David has gotten a unique opportunity to research DNA computing and machine learning. His focus has been control mechanisms for nanoscale devices, research where "the computer is the biology." Applications of this field, which combines biology with computing, include smart therapeutics and adaptive drugs.

He said one of his favorite experiences at UNM was attending annual DNA computing conferences.

"The conferences are really awesome," he said. "I got to meet the founders of the field. It was very inspirational."

His interest in STEM and biology runs in the family. His father, Hector, was a surgeon for many years and now is chief medical officer at Presbyterian Rust Medical Center and Presbyterian Santa Fe Medical Center. His mother was a certified public accountant who worked for Hector's surgical practice. His grandfather Cecilio was an immigrant from Durango, Mexico, opening a pharmacy in 1918, which was inherited by his father (also named Hector) and remained in operation by him as the oldest pharmacy in El Paso, Texas, until 2018.

David's hobbies include soccer, skateboarding, boxing and snowboarding. As for his plans after graduating with two degrees, he said he is exploring a variety of options, but is interested in being a computational biologist.

His advice to students is have faith in your degree plan and take advantage of all the opportunities you are offered.

"Don't be afraid to put a lot on your plate," he said. "The program is designed for you to succeed. Trust that."

George E. Breece Award

The George E. Breece Award was established in 1921 to honor the UNM School of Engineering senior with the highest grade-point average from each graduating class. The recipients of this award consistently have grade-point averages higher than 4.0, reflecting a majority of A+ grades throughout their undergraduate courses.

Anna Janicek (see Page 7)

B.S., Electrical Engineering

Kristen Batt

B.S., Chemical and Biological Engineering



For Seattle native Kristen Batt, it took some real-life, on-the-job experience for her to realize what she did — and did not — want to do with her life.

She graduated from high school and had some interest in college, but obtaining funding was a struggle, so she instead had a series of jobs, including in human services and in customer service, but they were not fulfilling.

"I knew I was not where I was supposed to be. I wanted a career," she said. "I always knew I needed to get a degree."

The opportunity presented itself when she moved to Albuquerque to be near family (her mom and sister had moved here) and she looked into UNM. As a nontraditional student and by this time a mother, she found that there was a lot of financial aid available, so she took the plunge.

Although she was a bit surprised when she moved from rainy Seattle to dry New Mexico ("Albuquerque was a shocker. It was nothing but brown."), she has grown to love the state and enjoys hiking outdoors in her spare time.

Although a lot of students struggled with learning during the pandemic the last couple of years, Kristen said it actually helped her. "It's difficult raising kids and going to school," she said. "In engineering, there are a lot of group projects, so being online provided a lot of flexibility.

Her daughter is 8 and her son is 3, and she said with her partner working in Alaska most of the time, she is grateful for the help her mom and sister provided in helping look after the children so she could work and attend school. She said having that balance is crucial.

"As a nontraditional student, I had a unique experience, and I worked hard to have a good GPA," she said. "Engineering is a sacrifice, so it's important to remember that it's OK to do self-care."

Kristen plans to continue in the shared-credit program and earn her master's degree in chemical and biological engineering within a year, and she also has a full-time job at Intel. She hopes that her partner will be able to move here as well so they can finally be together as a family.

"As a first-generation college student, I would say it's possible to achieve your goals, step by step."

Degrees Awarded

Order of Presentation

Department of Mechanical Engineering Department of Nuclear Engineering Department of Chemical and Biological Engineering Department of Civil, Construction and Environmental Engineering Department of Computer Science Department of Electrical and Computer Engineering Biomedical Engineering Nanoscience and Microsystems Engineering Optical Science and Engineering

STUDENT HONORS RECOGNITION

"Graduate Distinction" (symbolized by a ⁺ by the student's name) recognizes the exceptional performance of students who graduate with a master's or doctor of philosophy degree. The status is determined at the time of the final examination through agreement of the examining committee members, with final approval given by the department chair.



Mechanical Engineering

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Marcos M. Alcazar Manuel Iglesias Abdul Qayoum Popal Mary C. Arnhart Kevin Kim Ryan H. Powell Aakash Bajaj Brandon B. Lawrence Chad Rathbun Stewart T. Livsie Derric L. Romero Christopher L. Beck Ansel B. Bejos Evan R. Lucero Wyatt J. Saeger Andrew K. Mackenzie Alex K. Salinas* Chantel A. Bishop Mario A. Burgarello Mac L. McGregor Andrew D. Shelley Willy O. Campos Tyler G. Mitchell Elizabeth V. Shepherd Colton T. Dean Alexander J. Mitchev Ira Shubert Robert A. Erickson Jarrod A. Montoya Reynaldo E. Teodoro Joaquin Espitia-Candelaria Joshua D. Montoya Ely J. Teran William A. Fiala Giacomo J. Musante Dominic O. Thompson Justin T. Fleming Adrian Trevizo Johnson K. Nguyen Francis N. Gonzales Kayli F. Nordby Benjamin C. Utzinger Seth P. Hailey Julien L. Valdez Rhianna M. Oakley Juampablo E. Heras Rivera Skyler H. Oglesby Saagar Verma Lana A. Hoover Chris Ogren Wilder J. Von Rohr Tanner R. Hurshman Juan Alejandro Ormaza Rojas Isaac A. Walker

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Leena N. Aggad Matthew P. Aragon⁺ Omar Aragonez⁺ Sam A. Casaus Matthew A. Cleal Ethan C, Darwin Charles W. Dean Erica M. DiazJaiden E. NortonMarcos C. GallegosDavid PorteousKyle HanbickiAdam T. ReineltRio W. HattonBrandon T. SmithMatthew W. HollyAndrew H. SmithRebecca J. MazzieGenai X. TroyRudy Montoya[†]Image: State St

DOCTOR OF PHILOSOPHY IN ENGINEERING

Jafar Ghorbani	Reza Pirayeshshirazinezhad
Siavash Nikravesh Kazeroni†	Mahyar Pourghasemi*
Jesus D. Ortega	Abu Bakar Siddique ⁺

Nuclear Engineering

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

- Christian A. Arguello Luke M. Baca Rashelle A. Brownlee Thomas G. Childers Sergio A. Cruz* Maxwell A. Dimsha
- Robert H. Dwyer Abhishek Kc Dominic A. Lioce Jacob L. Ploeger Camden R. Roberts John-Ryan R. Romo
- Alexander J Salazar Caleb A. Shaw Steven L. Showalter Delfinio Valdez Christopher A. Wolfe

MASTER OF SCIENCE IN NUCLEAR ENGINEERING

Aidana B Bauyrzhan Brandon Bohanon* Daria Bolgova Nathanael Denney Quoc Doung* Shuprio Ghosh Matthew J. Lazaric Alexis Maldonado Cain V. Manzira Benjamin R. Murphy David Quiring Bruno Sa de La Rocque Guimaraes

DOCTOR OF PHILOSOPHY IN NUCLEAR ENGINEERING

Ragai M. Altamimi*

Chemical and Biological Engineering

Mohammed Radha J. Al Khazraji Ramon Alderete Sandoval Kolten E. Baca Kristen N. Batt Hailey E. Cuevas Tenzin Dawa Le Quyen T Do Shirley M. Galaviz Cielo M. Gonzales Kirkpatrick Angel F. Gutierrez Ashley E. Healey Lena M. Hoover Isabel L. Ibarra

BACHELOR OF SCIENCE

Jasmine J. Jackson Karen Kline Jacob A. Krawchuck Jessica M. Lien Christian M. Lisle Khoi A. Mai Jordin A. Molina Emilio C. Montano Natalie J. Patton Bryan A. Pino Ayala Kevin A. Pohl Natalie Racca Marthe S. Roee Alicja C. Sadzewicz Ian R. Sandin Brittney D. Seaburn Mark T. Shover Calvin H. Snyder Ashley N. Tafoya Nilusha J. Tissera Jacquelyn J. Tolth Ann P. Tran Mercedes V. Troutman Helene C. Walker Chance M. Womack

MASTER OF SCIENCE IN ENGINEERING

Narayan Acharya Ashley M. Bowman Lisa N. Caravello* Luke Denoyer* August W. Finke Lynna Giang Jonathan P. Lloyd John Matteson* Aaron D. Melad* Erick L. Metzner Haylie B. Orozco Mekalah Padilla Mariah J. Pioche-Lee Jarrod M. Ronquillo Xuemei Wang Bryan M. Weaver

DOCTOR OF PHILOSOPHY IN ENGINEERING

Mary Louise Gucik*

Congratulations and welcome!

Congratulations, graduates! Now that you have graduated, you are automatically a member of the UNM Alumni Association. There are no dues. Visit the UNM Alumni Association website for information and a complete listing of benefits at http://www.unmalumni.com.

We also welcome you to the School of Engineering alumni family. The UNM School of Engineering strives to keep you connected to the School in the most convenient way possible. As you move forward, please keep us informed regarding address changes, career moves, and significant events in your life. If you are interested in collaborating on an activity to engage fellow alums, let us know. Please contact us at engineeringalumni@unm.edu.

Civil, Construction and Environmental Engineering

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Omar A. Ali*	Jocelyn R. Gallais	Matthew K. Sedillos
Jose Alfonso D. Apura	Ryen D. Gonzales-Martinez	Seyedeh Niloofar Shams Abadi
Alan J. Barney*	Angelina A. Jimenez	Jared Smith
Dora R. Bean	Atlin Johnson	Riley F. Tarman
Ivan Carrillo	Jennifer Lopez	Bradley D. Torres
Sheida E. Carugati	Jonathan Lopez	Tanchanok Winkelmaier
Annalise A. Chacon	Martina M. Mercure	

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

Brandon L. Detrick	Edward D. Lucero	Zachary J. Sletten
Matthew J. Farmer	Ramon E. Perez	
Marissa A. Hernandez	German Sanchez	

MASTER OF ENGINEERING

Lucas A. Bierig Reb	ecca D. Braz
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Veronica N. Varela Adame

MASTER OF SCIENCE IN CIVIL ENGINEERING

Derek J. Belka†	Ernesto J. Perea*	Paige G. Tunby*
Casev L. Miller*	Jasmine Anne Y. Quiambao ⁺	

MASTER OF CONSTRUCTION MANAGEMENT

Scott I. Bishop	Rajesh B. Kaul	Christopher D. Matthews
Coleen G. Geraghty	Kevin B. Kissler	Mark L. Mutz
Richard R. Harp	Gary Larkin	Jerome A. Trujillo

DOCTOR OF PHILOSOPHY IN ENGINEERING

Ishtiaque Anwar*	Aubrey Harris*
Smriti Chaulagain*	Mohammed Jaradat
Jancoba K. Dorley	Isabel Meza
Serafin Garcia Fernandez*	Maria I. Meza Morejon*

Angela C. Montoya Xinxing Yuan

⁺Graduate Distinction

Computer Science

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Mari Aoki	Ederin Igharoro	Tatsuya Saito
John Argyres	Saphal Karki	Dominic Salazar
Karan Aryal	Frederick Lee	Devendra Sawod*
Andrew Barndt	Benjamin Liu	Daniel Sawyer
Jared Bock	Ashley Lopez	Daniel Sherwood
Thomas Bowidowicz	Marcos Lopez	Biraj Silwal
Samuel Cox	Andres Lucero	Sehaj Singh
Cody Crane	Justin Lusby	Todd Sipe
Eric Crozier	Sergio Macias Mata	Wesley Swedenburg
Jaylen Davis	Michael Nafe	Alejandro Tenorio
Elizabeth DiGioia	Keagan Nguyen	Rajesh Upadhayaya
Duy Duong	Hao Nguyen	Leroy Valencia
Damian Franco	Bethany Pena	Richard Wolfley
Clarissa Garcia	Kayla Potter	Matthew Zamora
Noah Garcia	Spencer Roberts	
Stephanus Huang	Jamini Sahu	

MASTER OF SCIENCE IN COMPUTER SCIENCE

David Arredondo
Selina Bauernfeind
Marshall Brandenburg
Smita Sanjay Deore

Antonio Griego* Gregory Jacobus Danyelle Loffredo

Connor Frost

Brendan Mulkern Craig Parry Andres Quan Guanlin Tang

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

Farhan Asif Chowdhury* Praveen Kumar* Mohammad Ashraf Siddiquee* Xinhua Zhang

Electrical and Computer Engineering

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

- Priya A. Bhakta Isabella N. Bogart Josiah D. Castaneda Qingquan Cui Nigel M. Damian-Reyes Casey L. Elizondo Luis O. Estrada
- Erik D. Guaderrama Marin Kevin S. Henry Natasha S. Kubiak Zane A. Parker Ceenu Poothicote Shaji Oshan Poudyal*
- Alexis Sanchez Iliana S. Tafoya Paul J. Tice Bryan M. Tice Andrew J. Zhang

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

- Zinah Alsaad Eli R. Bartlit Bishwanath Bastola Francisco Birrell Arangua Carlton J. Charles Gannon A. Chavez Isidro I. Garcia
- Noah R. Jackson Anna M. Janicek Jalen Lee Harold K Mercado-Robinson Clarizza Morales Chacon Sonal Niraula Isai G Orduno
- Brandon L Orum Luke M Pellegrino John Prosper Matthew P Salcido Laura Walker

MASTER OF SCIENCE IN COMPUTER ENGINEERING

Swapnil Sanjay Deore	David Kirby	Sean A. Pluemer [†]
Sean A. Kelly	Rui Ou	Gregg J. Whitford

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

- Gevoni A. Briseno Alexander Glick Johnathon G. Henney Nathan R. Hines Zain Hussaini Matt J. Johnson Ricardo S. Lujan
- Jordy Machado-Lopez Shaun McNamara Radha Krishnan Meplamadam Vaidyanathan Noah A. Moreno Paul Onor* Kendric R. Ortiz
- Johnathon Rose Shakiba Haji Sadeghi Charles V. Schramka Windy S. Slater David Smith* Robert Stroud Alan J. Valadez Arredondo

DOCTOR OF PHILOSOPHY IN ENGINEERING

COMPUTER ENGINEERING

Nathan R. Patrizi⁺

ELECTRICAL ENGINEERING

Dmitrii A. Andreev
Preyom K. Dey
Antonio Gomez

Daniel S. Guillette Khandakar N. Islam† Artem V. Kuskov Amir Raeisi Nafchi⁺ Guillermo Terren Serrano⁺

INTERDISCIPLINARY PROGRAMS Biomedical Engineering

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

Janel R. Ahle Veronica Burciaga Vasquez Rachel L. Habing Sara A. Hasan Lisa M. Hoard Gabriela E. Lucero Danae M. Maes Tara Memarian Charles C. Montoya Christina M. Patsalis Leonard J. Ruggiero Qing Sun

DOCTOR OF PHILOSOPHY IN BIOMEDICAL ENGINEERING

Christian T. Denny

Telmo Diez Perez

Nanoscience and Microsystems Engineering

MASTER OF SCIENCE

Sara N. DiGregorio Pholopater B. Faltas

Kyle J. Troche⁺ Trier R. Ward

DOCTOR OF PHILOSOPHY

David A. Arredondo⁺ Arnab Ghosh Anh-Dung Le Bokyung Park Brian D. Rummel⁺

Optical Science & Engineering

MASTER OF SCIENCE

Hatem O. Babaa Cody R. Bassett Elizabeth DeJong Fatih F. Ince

Kaleb Campbell* Luke J. Horstman Brian R. Kamer Hosuk Lee Sami A. Nazib Daniel G. Parra Trevor A. Rubin Lala Rukh James E. Wymer†

DOCTOR OF PHILOSOPHY

Amir Khabbazi Oskouei Farnood Mirkhosravi* Benjamin Q. Oliker † Vineeth Sasidharan Xuemei Wang*

*Summer 2022 Graduate

⁺Graduate Distinction

Undergraduate honors

Designations of cum laude (3.5-3.74), magna cum laude (3.75-3.89),\ and summa cum laude (3.9-4.0) are awarded to UNM baccalaureate-level graduates who have earned at least 60 hours in residence. Designations below are based on the current-semester grade-point average in UNM records and could change based on final-semester grades.

Summa cum laude

- Mohammed Radha J. Al Khazraji Mari A. Aoki Mary C. Arnhart Luke M. Baca Andrew P. Barndt Kristen N. Batt Mario A. Burgarello Matthew J. Farmer Juampablo E. Heras Rivera Lena M. Hoover
- Noah R. Jackson Anna M. Janicek Atlin Johnson Jessica M. Lien Dominic A. Lioce Joshua D. Montoya Brandon L. Orum Zane A. Parker Kevin A. Pohl Ceenu Poothicote Shaji
- Marthe S. Roee Jamini A. Sahu Tatsuya Saito Ian R. Sandin Steven L. Showalter Zachary J. Sletten Reynaldo E. Teodoro Ely J. Teran

Magna cum laude

Christian A. Arguello Samuel A. Cox Luis O. Estrada Jocelyn R. Gallais Isidro I. Garcia Cielo M. Gonzales Kirkpatrick Kevin S. Henry Marissa A. Hernandez Lana A. Hoover Stewart T. Livsie

Cum laude

- Jose Alfonso D. Apura Kolten E. Baca Alan J. Barney Bishwanath Bastola Dora R. Bean Carlton J. Charles Cody L. Crane Hailey E. Cuevas Nigel M. Damian-Reyes Robert A. Erickson Joaquin Espitia-Candelaria William A. Fiala
- Tyler G. Mitchell Jordin A. Molina Clarizza Morales Chacon Kayli F. Nordby Rhianna M. Oakley Juan Alejandro Ormaza Rojas Bryan A. Pino Ayala Kayla J. Potter Alicja C. Sadzewicz Brittney D. Seaburn
- Ira Shubert Alejandro T. Tenorio Dominic O. Thompson Paul J. Tice Bryan M. Tice Jacquelyn J. Tolth Mercedes V. Troutman Rajesh Upadhayaya Benjamin C. Utzinger Christopher A. Wolfe

Shirley M. Galaviz Clarissa O. Garcia Ryen D. Gonzales-Martinez Brandon D. Harrington Isabel L. Ibarra Saphal Karki Martina M. Mercure Emilio C. Montano Jarrod A. Montoya Skyler H. Oglesby Abdul Qayoum Popal Spencer T. Roberts Wyatt J. Saeger Dominic J. Salazar Alex K. Salinas Caleb A. Shaw Mark T. Shover Sehaj P. Singh Calvin H. Snyder Nilusha J. Tissera Julien L. Valdez Helene C. Walker Richard K. Wolfley