New Mexico Institute of Mining and Technology

Graduate Program in Mathematics

M.S. in Mathematics
with specialization in:
  • applied and industrial mathematics
  • operations research and statistics
  • analysis

Ph.D. in Mathematics
with specialization in:
  • applied and industrial mathematics

Faculty research areas:
  • differential equations
  • dynamical systems
  • mathematical biology
  • mathematical modeling
  • mathematical physics
  • numerical methods
  • optimization and inverse problems
  • statistics
  • uncertainty quantification

Most of our graduate students are supported by teaching assistantships.
A limited number of research assistantships may be available to qualified applicants.

For more information:
Visit: http://www.nmt.edu/~math
Email: math.dept@npe.nmt.edu
Phone: (575) 835-5393

Department of Mathematics
New Mexico Tech
801 Leroy Place
Socorro, NM 87801
President • Vice Presidents • Deans

Stephen G. Wells
President

Melissa Jaramillo-Fleming
Vice President for Student & University Relations
Dean of Students

Cleve McDaniel
Vice President for Administration & Finance

Van Romero
Vice President for Research & Economic Development

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Associate Vice President for Research & Economic Development

Peter Phaiah
Assistant Vice President for Student & University Relations

Lorie M. Liebrock
Dean of Graduate Studies

William D. Stone
Dean of Arts & Sciences

Kevin Wedeward
Dean of Engineering
Welcome
Dr. Stephen G. Wells, President of the Institute

Distinguished Research Award
The recipients of the Distinguished Research Award are chosen by a committee of Tech faculty and researchers and are nominated by their colleagues. The award is presented annually at commencement. The winner receives a plaque and a $2,500 cash award.

Distinguished Teaching Award
The Distinguished Teaching Award is presented each year to a faculty member based on recommendations and nominations from students, alumni, and other faculty. The winner receives a plaque and a $2,500 cash award.

Distinguished Service Award
The Distinguished Service Award recognizes alumni or friends of New Mexico Tech whose meritorious contributions, through active, often volunteer participation, have significantly enhanced the influence and reputation of the Institute.

Distinguished Achievement Award
The New Mexico Tech Alumni Association presents the Distinguished Achievement Award to Tech graduates who are exceptional in their field and have promoted the university through their performance.

Student Speaker
Gabriel Montoya, Former President of the Student Government Association

Student Government Association Awards

Graduate Student Association Awards

Langmuir Award
The Langmuir Award for Excellence in Research is given for an outstanding scientific research paper by any student or graduate of New Mexico Tech. The paper must have been submitted to or published by a recognized journal during the preceding year. The recipient is selected by the Faculty Senate’s Honorary Degrees and Awards Committee. The award is named in honor of Irving Langmuir (Nobel Laureate, 1932) who conducted extensive research with Tech staff. The award consists of a plaque and $400.
**Founders Award**

A Founders’ Award was created to honor the persons responsible for establishing the New Mexico School of Mines in Socorro in 1889, especially J. J. Baca and Ethan Eaton. The award is presented to the recipient of an advanced degree who has made an outstanding contribution to Tech through scholarship, research, and involvement in campus affairs.

The recipient is chosen by faculty nomination and Faculty Senate election. The award consists of a plaque and $800.

**Cramer Awards**

This award was established to honor Tom Cramer, an engineer and a member of the Tech Board of Regents for 26 years. It is awarded to the male and female seniors graduating in engineering who rank highest in scholarship. The awards consist of citations and $400. The recipients are chosen by the Faculty Senate upon recommendation of the engineering faculty.

**C.T. Brown Award**

The Brown Award is named in honor of C. T. Brown, who was for many years a member of the Tech Board of Regents. The award is given to that person graduating with a Bachelor of Science degree who is judged by the faculty to be highest in scholarship, conduct, and leadership. The award consists of a plaque and $1,000.

**Keynote Speaker**

Dr. Terry Wallace, Director of Los Alamos National Laboratory

**Presentation of Degrees**

Dr. David Cox, Librarian, Skeen Library

**Epilogue**

Dr. Stephen G. Wells, President of the Institute

**Recessional**

Reception for Family and Friends
South Lawn
Keynote Speaker — Dr. Terry Wallace

Terry Wallace is among New Mexico Tech’s most accomplished graduates. A 1978 graduate of NMT with bachelor’s degrees in geophysics and mathematics, and a winner of the Brown Medal, Wallace became the director of Los Alamos National Laboratory in January 2018.

Raised in Los Alamos, Wallace returned to New Mexico in 2003 after 20 years as a professor of geosciences and an associate in the applied mathematics program at the University of Arizona. In addition to teaching, he carried out research on global threat reduction, nonproliferation verification, and computational geophysics. During his academic career he worked with Los Alamos National Laboratory on nuclear test monitoring and threat reduction, in particular, interpreting the indications of nuclear testing by a foreign government. He has an international reputation in geosciences as applied to national security issues.

Wallace holds Ph.D. and M.S. degrees in geophysics from the California Institute of Technology. He is the author or coauthor of more than 80 peer-reviewed publications on seismology and tectonics, including ground-based nuclear explosion monitoring and forensic seismology. He also wrote a widely used textbook on seismology. Wallace is a Fellow of the American Geophysical Union (AGU), and in 1992 he received the AGU’s Macelwane Medal. He has testified before Congress on the comprehensive test ban treaty and participated in numerous National Academy panels, including ones on research supporting comprehensive test ban monitoring.

Prior to being named director of Los Alamos, Wallace served in multiple roles at the Laboratory, including as head of its Global Security directorate and its Science, Technology and Engineering directorate.

Student Speaker — Gabriel Montoya

Gabriel Montoya was born and raised in Pojoaque, New Mexico, and attended Los Alamos Public schools for the duration of his primary and secondary education.

He arrived at New Mexico Tech in 2013 to study Mechanical Engineering. He was involved in the Student Government Association as a Senator, Justice, Vice President, and President. While in office, Gabriel went to the State Legislature to lobby for student rights and the New Mexico Lottery Scholarship. He also spent time in Washington, D.C., lobbying for Hispanic-serving institutions.

He has served on several committees and was the student representative on both the NMT Presidential Search Committee and the NMT Assistant VP of Student University Relations Search Committee. Gabriel has also worked with the Admission Department at Tech, working to help recruit the next generation of Techies.

During his time in the Mechanical Engineering Department, Gabriel was an active member of the New Mexico Tech Sounding Rocket Team. He participated in two launches at Spaceport America and served as a team lead for one year. He guided the team to partner with White Sands Research and Developers, which launches exclusively out of Spaceport America.

Gabriel has interned at Los Alamos National Labs for the last five years. His work there has included design and research to support local small business projects, as well as research in novel development of selective polymers.

Gabriel has committed to the Ph.D. program in Mechanical Engineering at Purdue University in the fall, where he will partner with both the university and LANL in explosives research.
2018 Award Recipients

Distinguished Research Award — Dr. Ivan Avramidi

Dr. Ivan Avramidi earned his Ph.D. at Moscow State University in 1987 in theoretical and mathematical physics. For the next 12 years, he fulfilled research fellowships and teaching positions in Russia, Germany, Italy, and Iowa.

Dr. Avramidi joined the New Mexico Tech mathematics faculty in 1999 and developed an international reputation for novel and innovative research.

He has more than 60 publications, two books, and more than 50 refereed papers. His papers have been cited more than 1,500 times in Google Scholar, with one paper cited more than 210 times.

His most recent book, *Heat Kernel Methods and Its Applications*, is intended for advanced undergraduate or beginning graduate students in physics and mathematics, yet the book also provides a useful reference for professional physicists and applied mathematicians, as well as for quantitative analysts and financial industry practitioners. He has become a sought-after speaker on the topic of quantitative analysis in the financial industry.

Dr. Avramidi’s nomination for this award was supported by colleagues at NMT, Texas A&M, Baylor University, and the University of Naples.

One colleague wrote that Dr. Avramidi’s “research achievements are masterpieces of the highest conceivable standard. He has the peculiar skill of being able to arrive at elegant and concise formulas out of a desperately complicated calculation.”

Distinguished Teaching Award — Scott Chadde

Scott Chadde joined the New Mexico Tech faculty in 2011 as an instructor in the Computer Science and Engineering Department. He earned his bachelor’s at the University of Wisconsin-La Crosse 1991 and his master’s at the University of Montana in 1994.

After completing his formal education, Scott maintained a lifelong pursuit of knowledge, taking continuing education courses in math, electrical engineering, and computer science. His love of learning – and teaching – played a critical role earning this award.

His nomination was supported by 15 students who had glowing compliments about Scott’s teaching style and effectiveness.

One student wrote “Scott makes the effort to know each of his students personally despite teaching several large classes.”

Another wrote, “Scott is by far the most influential instructor I’ve had at New Mexico Tech. Without Scott, I would not have found a new passion in Computer Science. ... Not only is he an incredible teacher, but he also cares about his students and will help us both in and out of class. He has done an excellent job teaching the fundamentals to hundreds of Computer Science students, contributing immensely to Tech’s reputation as a top-quality technical institute.”

Yet another wrote, “Scott has done an extraordinary job of preparing me for higher-level classes. His lectures are clear and his assignments are fun and very helpful.”
2018 Award Recipients

NMTAA Distinguished Achievement Award — Oreste Lombardi

Mr. Oreste Lombardi earned his master’s in geochemistry at NMT in 1957. He worked at China Lake, conducting research on topics related to national defense, including pinpoint weather prediction and precipitation modification for use in military operations.

He also made strong contributions through his social and anthropological work, researching the genealogy of the Bahamian people, the people of Victoria, Australia, and the Paiute Indians of the western United States. Mr. Lombardi was instrumental in the restoration of federal tribal status and return of tribal lands for the Paiute Indians.

NMTAA Distinguished Service Award — Dr. Eileen Comstock and Mr. Warren Marts

The 2018 Distinguished Service Award goes to Dr. Eileen Comstock and Warren Marts.

Dr. Comstock earned her master’s in Biology in 1988, while Mr. Marts earned his bachelor’s in Computer Science in 1990. Individually, and as a couple, Eileen and Warren distinguish themselves through their efforts within the Socorro and Tech communities.

Dr. Comstock serves as an emergency room physician for Socorro General Hospital. She has been named Socorro County Chamber of Commerce “Woman of the Year” twice – in 2008 and 2016 and in 2017 she was among 30 physicians honored by the New Mexico Department of Health for their work caring for rural New Mexicans. Dr. Comstock has also taught numerous courses as part of the Tech music program.

Following a successful career in information technology, Mr. Marts returned to Socorro to become owner of several coffee houses, including today’s ‘M’ Mountain Coffee. He has been active in Socorro theater for many years where he organizes productions with the Socorro Community Theater and has directed numerous Tech stage productions.

Together, they established the Comstock/Marts NMT Music Fund, donated musical instruments to Tech’s music program, started an endowment at Tech for instrument upkeep, and supported the Missoula Children’s Theatre residency in Socorro.

The names of the Langmuir Award, Founder’s Award, Cramer Awards, and Brown Award are held until the commencement ceremony.

Biographies of these award recipients will be available on the New Mexico Tech website.
Departmental Awards

**Biology Department**
- David K. Shortess Award— Ashley Chavez
- David K. Shortess Award— Ria Kidner

**Chemistry Department**
- Morris F. Stubbs Award— Ria Kidner
- Outstanding Senior Thesis Award— Katelyn Alvarez
- Melvin J. Hatch Chemistry Pentathlon Prize— Tom Pleva

**Chemical Engineering Department**
- Outstanding Student Award— Bradley Miller
- Student Service Award— Matthew Davenport
- Student Service Award— Bradley Miller
- Student Service Award— Matthew Stalcup
- AIChe Distinguished Faculty Award— Pabitra Choudhury
- Alumni Scholastic Award— Bradley Miller

**Civil & Environmental Engineering Department**
- Paige Ashman Award— Allie Arning
- Alumni Scholastic Award (Civil)— Patrick Dolce
- Alumni Scholastic Award (Environmental)— Allie Arning

**CLASS Department**
- Alumni Scholastic Award— Dylan Meals

**Computer Science & Engineering Department**
- Alumni Scholastic Award— Nils Carlson

**Earth & Environmental Science Department**
- Estwing Rockhammer Award— Eric Carlson
- NMGS Pipkin Book Award— Brianna Green
- NMGS Pipkin Book Award— Mercedes Salazar
- NMGS Pipkin Scholarship— Jared Ciarico
- Durtsche Award Undergraduate— Alexander Duff
- Durtsche Award Graduate— Michael Berry
- Beverly Wellnitz Award— Kyle Stark
- Carlsbad Gem and Mineral Society Scholarship— Keith Diegel
- Carlsbad Gem and Mineral Society Scholarship— Karissa Rosenberger
- Albuquerque Gem and Mineral Club Scholarship— Camillo Uribe

**Electrical Engineering Department**
- Outstanding Senior— Courtney L. Bamonte
- Outstanding Senior— James Z. Harris
- Outstanding Junior— Steven D. Lukow
- Alumni Scholastic Award— Thomas Dearing

**Management Department**
- Bursum Award— Danny Royer

**Materials & Metallurgical Engineering Department**
- Bachelor Ashman Award— Sawyer Gill
- Master Ashman Award— Sherin Bhassyvasantha
- Master Ashman Award— Alexandra Scheer
- Ron Roman Award— Joshua Strother
- Javorsky Award— Eric Galino
- Alumni Scholastic Award— Joshua Strother

**Mechanical Engineering Department**
- Design Clinic Award— Benjamin Katko
- Undergraduate Research Award— Aaron Misla
- Service Award— Jacob Hall
- Alumni Scholastic Award— Devin Flaherty
- Alumni Scholastic Award— John Sanchez

**Mineral Engineering Department**
- Old Timers Award— Carlos Garcia

**Petroleum Department**
- F. David Martin Award— Isai Mena
- Joe Taber Award— Mitchell Gipson
- Langdon B. Taylor Award— Jonathan Burwell
- SPE Distinguished Faculty Award— Dr. J. Michael Kelly
- SPE JJ McGlasson Award— Jonathan Burwell
- SPE Alumni of the Year— Mitch and Nancy Bilderbeck

**Physics Department**
- Abraham & Esther Brook Award— Tyjal De Wolf
- Abraham & Esther Brook Award— Nekeisha Johnson
- Leslie Fallon Award— Dana Baylis
- Petschek Award— Ryder Fox
- Alumni Scholastic Award— Thomas Dearing

**Psychology Department**
- Alumni Scholastic Award— Crystal Ashinhurst
UNDERGRADUATE DEGREES

Undergraduate Honors
* Honors
Cumulative GPA of 3.00 to 3.49

** High Honors
Cumulative GPA of 3.50 to 3.74

*** Highest Honors
Cumulative GPA of 3.75 to 4.00

Associate of General Studies
Robin Aimee Reinhard*

Bachelor of General Studies
Cristian Emilio Garcia
Jackson R. Krauss

Bachelor of Science in Basic Sciences
John Choi
(Minors in Technical Communication and Biology)

Elizabeth Bradshaw Dunning
(Minor in Environmental Engineering)

Alisha R. Cuevas*
Jay Garcia
Martin L. Gonzales
(Minor in Petroleum Engineering)

Jason A. Martinez
Junon Eros Safoula
(Minor in Petroleum Engineering)

Joseph Allen Thompson
Marshall Augustus Thompson*
Richard Robert Ulibarri
Ryas E. Wilson
(Minors in Mathematics and Physics)

Samantha Amber Young**
(Minor in Psychology and Biology)

Bachelor of Science in Biology
Melanie A. Boncella**
Miranda D. Chambellan*
(Minor in Chemistry)

Ashley Chavez**
Joelle Chee-Arviso*
(Minor in Music)

Illianna A. Derr-Evans*
Ephram Duncan
Devon Nadine Evelo*
Liam P. Hallada***
Sadia Javid*
Ria Quintana Kidner***
Sherlauna LeeAnn Martin*
Sarah Elizabeth McLain*
Tess E. Neary*

Bachelor of Science in Biomedical Sciences with Biology Option
Maximo Santarosa Jr.*
(Minor in Chemistry)

Cassidy N. Stone***
(Minor in Psychology)

Bachelor of Science in Biomedical Sciences with Chemistry Option
Ryan Edward Dekle*
Savieay L. Esparza***
(Minor in Biology)

LynnMarie Ann Jarratt***
(Minors in Chemistry, Biology and Psychology)

Bachelor of Science in Chemical Engineering
Joseph Apodaca*
Nicholas Lee Apodaca*
Samuel Bicks
(Minor in Biology)

Cora Marie Carman**
Bridget Anne Daughton**
Matthew Nicholas Davenport***
(Minor in Mathematics)

Sear-Jasub Dominguez**
Chase Kicker*
John Lee*
Joshua R. Livingston***
Jaia Lockett*
Gary Henry Lopez**
(Minor in Chemistry)

Kristian Renee Martindale*
Jason A. Martinez
Bradley Curry Miller***
Sean Phillip Mussell
Clayton J. Pankey*
Hannah Marie Romberger*
(Minor in Biology)

Matthew Allen Stalcup**
Angelina Rose Virgo
Kelsea J. Welsh*
Ryan Joshua Wooldridge*
Ryan Ziegler*

Bachelor of Science in Chemistry
Liam P. Hallada***
Ria Quintana Kidner***
Trystin R. Otero

Bachelor of Science in Chemistry with Biochemistry Option
Katelyn Marie Alvarez*
Emily Rose McClenahan
(Minor in Technical Communication)

Bachelor of Science in Civil Engineering
Patrick William Dolce**
Kristopher Ryan Ford*
(Minor in History)

Kayla Hanson
(Minor in Hispanic Studies)
Joshua Caleb Martinez*
Zackariah P. Mondragón**
Cristerop Montealvo*
Estrella Paola Núñez Molina
Brando C. Sandovald*

Bachelor of Science in Computer Science
Marcus A. Armijo
Joshua Ashinhurst**
Kristina Marie Buecho***
Nils Theodore Carlson***
Franz K. Chavez*
Matthew Joseph Crepeau***
(Minor in Mathematics)

Kari N. Erickson***
(Minor in Electrical Engineering)
Joshua D. Garcia
Kevin Charles Hardy*
David Huff*
Louis Anton Jencka
(Minor in Mathematics)

Jian Ying (Jane) Lu**
Angelo Dean Luna*
Zhirui Luo**
(Minor in Mathematics)

Kasey Logan Maberry*
Jesse Maes
Marci Melissa McBride**
Benjamin Morales Jr.
(Minor in Hispanic Studies)

Nico Ponder*
Carter J. Radzka
(Minor in Philosophy)

Hugo Omar Rivera Calzadillas**
Rajat Singh**  
(Minor in Mathematics)  
Johnathan C. Smith***  

**Bachelor of Science in Earth Science**  
Sydney Nicole Cobb  

**Bachelor of Science in Earth Science with Geology Option**  
Eric Norton Carlson***  
(Minor in Mathematics)  
Steven William Farrar  
Joseph Henry Phillips**  
(Minors in Geobiology and Hydrology)  
Hannah Renee Rigoni**  
Jason Sterling Silviria**  

**Bachelor of Science in Earth Science with Geophysics Option**  
Heidi Patricia Myers*  

**Bachelor of Science in Electrical Engineering**  
Courtney Lynn Bamonte*  
(Minors in Biology and Optical Science & Engineering)  
Nikita Andreivich Belousov***  
(Dominic Andrew Borunda*  
(Jaclyn Michelle Chang*  
(Thomas Lee Dearing***  
(Ricardo Del Toro*  
(Delos G. Edick*  
(Nathaniel Lewis Freeman*  
(Vincent James Grap  
(James Zachariah Harris***  
(Scott Edward Knight  
(Benjamin L. Metzner  
(Brendan Patrick Noone***  
(Albert William Reed***  
(Christopher V. Ray**  
(Austin Anthony Rudolph*  
(Enrique Joseph Sandoval***  
(Matthew A. Sandoval  
(Minor in Optical Science & Engineering)  
Jacob Peter Schmelzel**  

**Bachelor of Science in Environmental Engineering**  
Allie A. Arning***  
Seth M. Frederick*  
Bobby Anderson James Jr.*  
Andrew Michael Petersen*  
Yiran Sun  
Kyle Swimmer  
Kelsy Jean Waggaman*  

**Bachelor of Science in Environmental Science with Biology Option**  
Sarah Elizabeth McLain*  

**Bachelor of Science in Information Technology**  
Giovanni Brusca  
(Minor in Computer Science)  
Jordan Ogas**  
Riggon David Robinson  
(Minor in Psychology)  

**Bachelor of Science in Management**  
Daniel Forrest Royer  
Dennis Lee Trujillo Jr.  

**Bachelor of Science in Management of Technology**  
Nicholas Quintana  

**Bachelor of Science in Materials Engineering**  
Benjamin Allen Bone  
Cole Allen Britt***  
Audrey CampBell*  
Mariana Flores-Olivas*  
Matthew James Hinton***  
Ayrton Jordan**  
Jacoby Krakow***  
Harrison Lee*  
(Zackary L. Olson  
(Ryan P. Schalip***  
(Luke Soule***  

**Bachelor of Science in Materials Engineering with Metallurgical Engineering Option**  
Kevin Wayne Garber***  
John Mackenzie O'Connell**  
(Minor in History)  
Albert Ostlind**  
Joshua D. Strother***  

**Bachelor of Science in Mathematics**  
Kristina Marie Bueche***  
Nils Theodore Carlson***  
Jens Nicholas Alexander Dienst*  
Marcos M. Flores***  
Kevin D. Gomez  
Sebastian Hendrickx-Rodriguez***  
Chong Yik Ip***  
(Minor in Mechanical Engineering)  
Emily Lynne Kemp***  
(Minor in Computer Science)  
Cooper Allen Larson*  
(Minor in Chemical Engineering)  
Jonathan McGechie  
Christian Nathaniel Morris*  
(Minor in Electrical Engineering)  
Joseph John Peterman III  
Hugo Omar Rivera Calzadillas**  
Austin Anthony Rudolph*  
Joseph Shackelford*  

**Bachelor of Science in Mechanical Engineering**  
Gabriel Alejandro Acosta Aguirre**  
Richard Aguilar  
James R. Allison  
Gabriel Amor Almager  
Zachary Mariscal Alvarez*  
Gabriel Donn Anderson**  
Michael Richard Baca  
Alex Aaron Baldonado*  
Benjamin R. Batchelder  
John William Benson***  
Jarvis Carl Brady  
Isaac Nathan Brown*  
Luke A. Byrom***  
Essiel Carrasco-Oros***  
Shamahí Carrasco-Oros*  
Mitchell Leighton Ching*  
Dennis P. DeHerrera Jr.  
Andrew Laurence Duff**  
Caysee L. Epaloose*  
John Edward Estry*
Bachelor of Science in Mineral Engineering
Albert James Yoshida Jr.

Bachelor of Science in Petroleum & Natural Gas Engineering
Victor O. Andrade***
Sawyer James Barnes*
Shelby Begaye***
Mingfeng Bian*
Jonathan Robert Burwell**
Andrew Z. Chan*
Cheng Chang*
James Lee Clark
Alisha R. Cuevas*
Tyrone Daye*
Jaime Diaz Jr.
Shuming Dou*
Erica Alicia Duff
Jared Reese Foutz**
Torrance Robert Galvan
Cristian Emilio Garcia
Kevin D. Gomez
Joshua Alan Hudgeons*
David Friday Isie
Tarun John
Jonah M. Katz
Jacob Dylan Kirkman**
Jose J. Lopez**
Laura Jacqueline Lopez-Rodriguez
Landon Quinn Lovesee*
Fuatuchang Mbeancho Benard*
William Taylor Ecker Morgan*
Andrew Nordberg**
Tyler Anthony Olsen**
Bestami Taner Ortac*
Alyssa Donna Padilla*
Andrew Quest***
Nary Sin***
Lynda Thay Cullan
Joseph Allen Thompson
Marshall Augustus Thompson*
Jared Reid Upshaw*
Beau David Velarde*
Kevin John Weiss***
Rui Xu**

Bachelor of Science in Physics
Thomas Lee Dearing***
(Minor in Mathematics)
Marcos M. Flores***
Sebastian Hendrickx-Rodriguez***
Kathryn Jones
(Minor in Explosives Engineering)
Joseph John Peterman III
Thomas J. Rood*

Bachelor of Science in Physics with Astrophysics Option
Samuel C. Montgomery*
(Minors in Earth Science and Mathematics)
Keith A. Salazar
Isaac P. Williams***
(Minor in Mathematics)

Bachelor of Science in Physics with Atmospheric Physics Option
K. Ryder Fox***
(Minor in Mathematics)

Bachelor of Science in Psychology
Melanie A. Boncella**
Samantha N. Oberlander
Kelsea J. Welsh*

Bachelor of Science in Psychology & Biology
Crystal Amber Ashinhurst**

Bachelor of Science in Technical Communication
Antonia Marie Barela
Keegan C. Florence-Livoti
Dylan T. Meals
Masters Degrees

Master of Science in Biology
Shishir Acharya
Carley Grace Barron
Liam Patrick Hallada
Talya Camille Otero Ogas

Master of Science in Chemistry
Rajendra Prasad Gautam
Victoria Ann Risley

Master of Science in Computer Science
Sean C. Salinas
Kevin Albert Schmittle

Master of Science in Computer Science with Specialization in Information Technology
Sheikh Md. Al Bakir
Sai Krishna Chigurupati
Leela Krishna Chaitanya Koravi
Jiangfeng Sun
Bryan Walker Watson
Thomas Allen Watson

Master of Science in Electrical Engineering
Eric John Sarkela

Master of Science in Environmental Engineering
Sonagnon Adelar Dabli
Lynda Evon Laumbach
Dana Marshall Peterson

Master of Science in Geochemistry
Margaret Alden Tinsley

Master of Science in Geology
Eda Celep
Kevin D. Henry
Vyoma Kamlesh Ritchie
Alanna F. Robison
Adam E. Smith
Natasha A. Trujillo

Master of Science in Geophysics (Solid Earth)
Samuel Percy Heyman
Shuoyu Yao

Master of Science in Hydrology
Matthew T. Folsom
Eva Rebeca Paulino Céspedes
Carlos Fernando Ramirez Torres
Kylan Nathiel Robinson
Nathan A. Wales
Emily Woolsey

Master of Science in Materials Engineering
Windy B. Ancipink

Master of Science in Mathematics with Specialization in Analysis
Rishi Jumani

Master of Science in Mathematics with Specialization in Industrial Mathematics
Stella Doughan
Jesús D. Gómez Vélez
Caleb Paul Hightower

Master of Science in Mechanical Engineering with Specialization in Explosives Engineering
Rosemary R. Burritt
Steven Andrew Espinosa
Antonio Roman García
Joseph Paul Lichthardt
Frank Austin Mier
Nathaniel Bryant Pfeifer
Benjamin Owen Potter
Kyle O. Winter

Master of Science in Mechanical Engineering with Specialization in Fluid & Thermal Sciences
Joseph M. Landavazo

Master of Science in Mechanical Engineering with Specialization in Mechatronics Systems & Robotics
Matthew A. Campisi
Quinlan James Towler

Master of Science in Mechanical Engineering with Specialization in Solid Mechanics
Sidharth Arunkumar
Elias Noel Pulliam

Master of Science in Mineral Engineering with Specialization in Explosives Engineering
María Alejandra Lozano Rodríguez

Master of Science in Mineral Engineering with Specialization in Geotechnical Engineering
Emmanuel Asare
Parnian Azhdari
Zeyu Gu
Omid Hosseini
Maral Malekian
Fatemeh Moleai
Siavash Norouzi
Andres Arturo Orosco

Master of Science in Mineral Engineering with Specialization in Mineral Exploration
Tiffany Dawn Luterbach
William T. Zutah

Master of Science in Petroleum Engineering
Anant Agarwal
Siva Abhishek Avala
Victor Cary
Ahmed Salah El Shazly
Mitchell Harold Gipson
Dhiraj Gunda
Chenyang Li
Malek Mezni
Mehdi Mezni
Ruobin Qi
Varun Padamnnor Rayasa Rao
Lalitasri Ravavarapu
Patwira Thampituk
Master of Science in Physics
Brandon Gray
Jose M. Martinez-Claros

Master of Engineering Management
June M. Stanley

Master of Science for Teachers
Aba Esiedua Ali
Maribel Bernal
Shiloh Preston Carroll
Arnel Paradela Dela Cruz
Melinda Fey
Ashli Nichol Johnston
Katrina Lake
Larie Torres Laudato
Thomas W. Leeper
Scott F. Legere
Matthew McCracken
April Dawn McKinney
Lori Kathleen Onsae
Gladys Rimkus
Glenn Cabiles Soltes

Doctor of Philosophy Degrees

Doctor of Philosophy in Chemistry
Hanqing Pan

Doctor of Philosophy in Computer Science
Yang Wang

Doctor of Philosophy in Earth & Environmental Science with Dissertation in Geochemistry
Rodrigo Frayna Embile Jr.

Doctor of Philosophy in Earth & Environmental Science with Dissertation in Hydrology
Katrina Martta Henry
Bradley D. Sion
Lani Marina Tsinnajinnie
Michael Louis Wine

Doctor of Philosophy in Materials Engineering
Sohrab Khalifeh
Shangwen Zha

Doctor of Philosophy in Physics with Dissertation in Astrophysics
Tina Güth
(Minor in Applied and Industrial Mathematics)
Gareth Christopher Jones
Ryen Carl Lapham
Virginie Aline Montes

Doctor of Philosophy in Physics with Dissertation in Mathematical Physics
Samuel J. Collopy

Cords of Recognition & Achievement

Royal Blue Cords
Student Research Symposium Presenter
SRS Medallion made by NMT M-Lab

Green Cords
Living/Learning Community (LLC) Participant
First Year Research/First Year Design Projects

Mint Green Cords
Resident Assistants

Red & Gold Braids
Student Passed the Fundamentals of Engineering Exam

Navy Blue Cords/Gold, Black, Blue Braids
Sports Club Participants

Blue, White, & Gold Braids
International Students

Red, White & Blue Braids
Veterans
Graduating Tech Scholars

Gabriel Acosta Aguirre
Gabriel Anderson
Victor Andrade
Allie Arning
Crystal Ashinhurst
Joshua Ashinhurst
Shelby Begaye
Nikita Belooussov
John Benson
Cole Britt
Kristina Bueche
Jonathan Burwell
Luke Byrom
Eric Carlson
Nils Carlson
Cora Carman
Essiel Carrasco
Ashley Chavez
Franz Chavez
Matthew Crepeau
Bridget Daughton
Matthew Davenport
Tyrone Daye
Thomas Dearing
Patrick Dolce
Sear Dominguez
Andrew Duff
Kari Erickson
Savieay Espanza
Devin Flaherty
Marcos Flores
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Due to the rigor of the New Mexico Tech curriculum, only 1 in 4 undergraduate students completes a degree in 4 years. Congratulations to these graduates who Did It In 4!

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Isaac Brown
Giovanni Brusca
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