THE UNIVERSITY OF NEW MEXICO

SCHOOL OF ENGINEERING

SPRING CONVOCATION

MAY 13, 2017

Albuquerque Convention Center
Welcome to the Spring 2017 University of New Mexico School of Engineering Convocation.

I am pleased this year to celebrate the accomplishments of our graduating students. This day is the culmination of all of your hard work, dedication, and perseverance. We salute you and all those who supported you: family, friends, teachers, classmates, colleagues, coworkers, counselors, and advisors. This day could not have been made possible without their commitment. Thank you for participating in their lives and sharing in their accomplishments.

Today is also a special day for me, as this will be the last time I will preside over Convocation as dean. After 12 years, I am stepping down next month to transition into a new phase of my life, but I am confident that great things are ahead for the School in years to come.

I couldn’t be more proud of what our School has accomplished while I’ve been dean, and over our more than a century in existence. As our world has changed, the School has also expanded its mission to focus on becoming a powerful engine of economic and social development, fostering innovative ideas and technologies to better society.

You have learned from some of the best in the field, and now it is your turn to apply the knowledge and experience you gained during your studies for the good of the state, nation, and world. We are eager to watch your careers flourish, and we hope that you will always be part of our academic family.

Graduates, we welcome you to the distinguished company of the School of Engineering alumni and wish you every success in your new endeavors.

Joseph L. Cecchi
Jim and Ellen King Dean of Engineering and Computing, UNM School of Engineering
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
Robert M. Doughty, President
Marron Lee, Vice President
Jack L. Fortner, Secretary-Treasurer
Thomas Clifford
Lieutenant General Bradley C. Hosmer, USAF (Ret.)
Suzanne Quillen
Garrett Adcock, Student Regent

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Convocation Program

Processional

FACULTY MARSHAL
Gary Cooper, Associate Professor, Nuclear Engineering

BANNER CARRIER
Allen Chavez, Electrical and Computer 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

GREETINGS
Chaouki T. Abdallah, President

STUDENT SPEAKERS
Introduction by Gregory L. Heileman, Vice Provost for Teaching, Learning and Innovation
Ashley Roach, B.S., Mechanical Engineering, ’17
Elisa Borowski, M.S., Civil Engineering, ’17

PRESENTATION OF BREECE AWARD
Presenter: Charles B. Fleddermann, Associate Dean for Academic Affairs
Awardee: Julian A. Vigil, B.S., Chemical and Biological Engineering, ’17

INTRODUCTION OF KEYNOTE SPEAKER
Chaouki T. Abdallah, President

KEYNOTE SPEAKER
Joseph L. Cecchi, Jim and Ellen King Dean of Engineering and Computing

PRESENTATION OF DEGREE CANDIDATES
Charles B. Fleddermann, Associate Dean for Academic Affairs

RECESSIONAL
Platform Party

DISTINGUISHED GUESTS
Chaouki T. Abdallah, President
Julie Coonrod, Dean, Graduate Studies
Gregory L. Heileman, Vice Provost for Teaching, Learning and Innovation

SCHOOL OF ENGINEERING ADMINISTRATION
Joseph L. Cecchi, Dean, School of Engineering
Charles B. Fleddermann, Associate Dean for Academic Affairs
Christos Christodoulou, Associate Dean for Research
Abhaya Datye, Chair, Department of Chemical and Biological Engineering
Mahmoud Reda Taha, Chair, Department of Civil Engineering
Darko Stefanovic, Chair, Department of Computer Science
Michael Devetsikiotis, Chair, Department of Electrical and Computer Engineering
Yu-Lin Shen, Interim Chair, Department of Mechanical Engineering
Anil Prinja, Chair, Department of Nuclear Engineering

FACULTY MARSHAL
Gary Cooper, Associate Professor, Nuclear Engineering

KEYNOTE SPEAKER
Joseph L. Cecchi, Jim and Ellen King Dean of Engineering and Computing

STUDENT SPEAKERS
Ashley Roach, B.S., Mechanical Engineering, '17
Elisa Borowski, M.S., Civil Engineering, '17
Joseph L. Cecchi, Jim and Ellen King Dean of Engineering and Computing, probably never imagined he’d spend more than half of his professional career in New Mexico. The Chicago native began his academic journey at Knox College, a small liberal arts college in Illinois, earning a degree in physics there in 1968. Thanks to a National Science Foundation fellowship, he was able to continue his graduate studies in physics at Harvard University. He earned both a master’s and Ph.D. from the Ivy League institution, working in the laboratory of Professor Norman F. Ramsey, who would later win the Nobel Prize in Physics.

Cecchi began as a research associate at Argonne National Laboratories near Chicago while still an undergraduate. After earning his doctorate, he joined Princeton University, where he would spend more than two decades as a researcher and professor. From 1991-1994, he was director of the New Jersey SEMATECH Center of Excellence for Plasma Etching, one of 10 state centers formed by a consortium of 14 U.S. semiconductor manufacturers to revitalize their industry.

Cecchi has had a successful career in academia, authoring approximately 100 publications and holding ten US patents. He is very proud of the 25 MS and PhD graduate students whom he has mentored. His research has been focused on nano-fabrication for semiconductor devices and other nanoscale structures; plasma etching; plasma chemistry, atomic layer deposition (ALD); and plasma-assisted ALD.

It was in the role leading the New Jersey SEMATECH Center of Excellence that he first became connected with the UNM School of Engineering. One of the consortium conferences was held at UNM, and he had the opportunity to meet Distinguished Professor Emeritus Steven Brueck, then director of the Center for High Technology Materials and the New Mexico SEMATECH Center of Excellence. He was so impressed with UNM that he made the cross-country move to Albuquerque from Princeton.

Cecchi became professor and chair of chemical engineering at UNM in 1994. He was dean of the School of Engineering from 2000-2009, returning in 2014 for a second term as dean. In 2015, he was also named associate provost for national laboratory relations, and in 2016 became the first to hold the title of Jim and Ellen King Dean of Engineering and Computing. Technology transfer has been a passion of Cecchi’s over the years. He chaired the board of STC.UNM, UNM’s technology transfer organization, from 2004-2011 and currently serves as vice chair. The Joseph L. Cecchi Venture Lab there was named in his honor.

When he left the dean’s job in 2009, many in his position would have taken the opportunity to rest on their laurels and take a break, but not Cecchi. Instead of slowing down, he earned an MBA from Anderson School of Management in 2011, something that stemmed from his growing interest in business and technology commercialization. He also took an unusual path with his career, taking a leave of absence from UNM in 2011-2012 to become provost at the Masdar Institute of Science and Technology in the United Arab Emirates.

In June, Cecchi will take another turn in his journey when he steps down as dean after 12 years and retires from his full-time faculty position. In a successful career he said he never planned out, one thing is certain: this is a new beginning. “This is my commencement.”
Elisa Borowski has come full circle in a lot of ways in her academic journey. For instance, over the last few years as a civil engineering master's student, she has spent a lot of time attending classes and working in the Centennial Engineering Center. The building was designed by her father, Michael Borowski, an architect with the firm Van H. Gilbert. As an undergraduate at the University of New Mexico, Elisa majored in English and anthropology, aspiring to become a writer. After a two-year hiatus from academia, she decided to pursue her master's degree in civil engineering. Although it may seem like a nontraditional progression, Elisa saw a common thread uniting these fields. "I've always been very interested in people," she said. "With English, it was about the study of the individual; with anthropology, it was the study of primate behavior and human evolution, and with civil engineering, it's about the study of society and the environment we build around ourselves." Elisa is also planning to come full circle in her next move. The Chicago native will be heading back to the Windy City to pursue a Ph.D. in civil engineering with a focus on sustainable and resilient infrastructure systems this fall at Northwestern University. Her hobbies include photography, hiking, and spending time in nature.

Ashley Roach
B.S., Mechanical Engineering, '17
For Ashley Roach, engineering was a profession that was in the family, but she didn't always know she wanted to be an engineer. Her dad is an aerospace engineer who works at Sandia National Laboratories, and Ashley also became an employee there her sophomore year, working in materials science. She considered majoring in physics or math, but chose mechanical engineering because of the broad application. Born in Pennsylvania, her family moved to Albuquerque shortly after she was born. Although UNM was an obvious choice, she said what really has made the difference has been the opportunity to work in a professional engineering environment at Sandia. "I went to a job fair recently, and of all the students I met there, I was the only who had relevant work experience," she said. She said the professors have been supportive as well. "The professors here go out of their way." "ME has a great environment." In the fall, Ashley will attend the University of California at Santa Barbara to pursue a Ph.D. in materials science, where she plans to research sustainability issues to find better ways to create energy.

Elisa Borowski
M.S., Civil Engineering, '17
Elisa Borowski has come full circle in a lot of ways in her academic journey. For instance, over the last few years as a civil engineering master's student, she has spent a lot of time attending classes and working in the Centennial Engineering Center. The building was designed by her father, Michael Borowski, an architect with the firm Van H. Gilbert. As an undergraduate at the University of New Mexico, Elisa majored in English and anthropology, aspiring to become a writer. After a two-year hiatus from academia, she decided to pursue her master's degree in civil engineering. Although it may seem like a nontraditional progression, Elisa saw a common thread uniting these fields. "I've always been very interested in people," she said. "With English, it was about the study of the individual; with anthropology, it was the study of primate behavior and human evolution, and with civil engineering, it's about the study of society and the environment we build around ourselves." Elisa is also planning to come full circle in her next move. The Chicago native will be heading back to the Windy City to pursue a Ph.D. in civil engineering with a focus on sustainable and resilient infrastructure systems this fall at Northwestern University. Her hobbies include photography, hiking, and spending time in nature.
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.

Julian A. Vigil
Chemical and Biological Engineering, ’17

Julian Vigil took an early interest in science and, specifically, chemistry. The first-generation college student enjoyed chemistry in high school and became connected to Sandia National Laboratories through a STAR Program summer mentorship position, which pairs high school students with research mentors. Soon, Julian was hired into a year-round internship position at Sandia Labs, working in the Department of Materials, Devices & Energy Technologies. He has now worked in this department for five years and co-authored eight peer-reviewed publications.

He decided to attend UNM so he could continue to work at Sandia Labs while earning his degree. He majored in chemical engineering because of the discipline's broad application that allows him to study and pursue research on materials that can be used in renewable energy conversion and storage.

“With chemical engineering, it's a larger scale than chemistry and the best of both worlds because you are trained in fundamental chemistry with the possibility of applying it to things like devices,” he said.

Julian said his time at UNM has been valuable and has prepared him for a bright future, including the opportunity to connect with other students and hold leadership positions in student organizations, including serving as president of the student chapter of the American Institute of Chemical Engineers.

“UNM is a really good environment with great professors that care about undergraduate teaching,” he said. “It gave me the opportunity to learn and connect research to my passion for renewable energy.”

In addition to the Breece Award, Julian is the recipient of two competitive national scholarships — the Goldwater Scholarship last year and the Churchill Scholarship this year. He was the first UNM student ever to win the Churchill, which will allow him to travel to the University of Cambridge in the fall to earn a master of philosophy degree in chemistry. He will then attend Stanford University in 2018 to pursue a Ph.D. in chemical engineering as a National Science Foundation and Stanford Graduate Fellow.

Also this year, he was a member of the winning team of the UNM Business Plan Competition. His team's startup, Sandia Nanoinks LLC, won the $25,000 technology prize.

In his spare time, he enjoys running, cycling, and camping.
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 twelfth and thirteenth 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 UNM Engineering mace was designed by Dean Joseph L. Cecchi and constructed in 2003 by engineering staff member Penn Davis.
UNM Leadership

Chaouki T. Abdallah
President

Chaouki T. Abdallah first joined the UNM Department of Electrical and Computer Engineering in 1988, where he is currently a professor. Between 2001 and 2005, he was associate chair for graduate affairs in the department. He became department chair in 2005 until being appointed UNM provost and executive vice president of academic affairs in 2011. In January 2017, the UNM Board of Regents appointed him acting president. Abdallah was the first recipient of the Lawton-Ellis Award for combined excellence in teaching, research, and student/community involvement, and was the Gardner-Zemke Professor between 2002 and 2005. Abdallah was a visiting professor at the Universita Degli Studi di Roma, Tor Vergata, Rome. His area of research is in systems theory, with a focus on control, communications, and computing systems. His research has been funded by NSF, AFOSR, NRL, national laboratories, and by various companies. He obtained his bachelor’s of engineering degree from Youngstown State University in 1981 and his master’s and Ph.D. in electrical engineering from the Georgia Institute of Technology in 1982 and 1988, respectively.

Gregory L. Heileman
Vice Provost for Teaching, Learning and Innovation

Gregory (Greg) L. Heileman is vice provost for teaching, learning and innovation at UNM. From 2011 until 2016, he served as the associate provost for curriculum. During that time, he led campus-wide student academic success initiatives and worked with key stakeholders on campus to produce all-time record retention and graduation rates. He joined the Department of Electrical and Computer Engineering in 1990, where he is currently a professor. In 2009 he was awarded the IEEE Albuquerque Section Outstanding Educator Award. He was the recipient of the Lawton-Ellis Award for combined excellence in teaching, research, and student/community involvement in 2001 and again in 2009. He held the Gardner-Zemke Professorship from 2005-08. In 1998, he held a research fellowship at the Universidad Carlos III de Madrid, and in 2005 he held a similar position at the Universidad Politécnica de Madrid. He earned a bachelor’s degree in biology from Wake Forest University in 1982, a master’s degree in biomedical engineering and mathematics from the University of North Carolina-Chapel Hill in 1986, and a Ph.D. in computer engineering from the University of Central Florida in 1989.
Degrees Awarded

Order of Presentation
Department of Electrical and Computer Engineering
Department of Mechanical Engineering
Department of Nuclear Engineering
Department of Chemical and Biological Engineering
Department of Civil Engineering
Department of Computer Science
Biomedical Engineering
Nanoscience and Microsystems
Optical Science and Engineering

Student Honors Recognition

Undergraduates graduating with the cum laude distinction (symbolized by a • by their name) are graduating “with praise,” meaning they have achieved a cumulative grade-point average of 3.5 to 3.74.

Undergraduates graduating with the magna cum laude distinction (symbolized by a •• by their name) are graduating “with great praise,” meaning they have achieved a cumulative grade-point average of 3.75 to 3.89.

Undergraduates graduating with the summa cum laude distinction (symbolized by a ••• by their name) are graduating “with highest praise,” meaning they have achieved a cumulative grade-point average of 3.90 and above.

"Graduating with 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.
Electrical and Computer Engineering

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Cody M. Brown
Alexandra V. Hidalgo
Joseph S. Tabar
Ryan Dinh**
Jonathan W. Kring
Johnathan S. Tafoya**
Matthew B. Foust
Jacob E. Martin
Mitchell R. Watters
Joseph P. Graham*
Duong Ngo*
Alexander W. Hamilton***
Aubyn D. Rhoades

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Ursula M. Amezcua
Cameron D. Harjes*
Darren G. Rodriguez***
Desmond Awungayi***
Michael J. Haway
Leonardo S. Rossetti*
Sayfallah Benfraj
Endeshaw T. Hirpo
Ryan A. Sandoval
Jeremiah Beyale
Abriela. Holland
Justin K. Smith*
Gerardo Bolivar
Ian L. Hunt
Paula C. Smith
Ryan Brooks*
Olivia R. Johnson
Adam J. Thorpe
Samuel E. Browne*
Wallie E. Kincaid***
Coty N. Tran*
Collin J. Burt***
Benjamin J. Liddle
Jose A. Trejo**
David P. Canfield
Jacob E. Lizewski
Nathaniel A. Trujillo
Corey R. Carlos*
Yanqiu Ma*
Jared E. Tso
Andre M. Chavez**
Jordy J. Machado
Talbot C. Westhoff
Aaron D. Cross
Steven J. Nery*
Briana R. Wobbe***
Aaron M. D’Arezzo
Adam C. Noedel
Christopher A. Zapotocky***
Ahmed T. ElShafiey***
Huyen D. Phan

Zak G. Fitzpatrick
Canon T. Post*
Casey J. Rodgers

*Summer 2017 Graduate
†Graduating with Distinction
MASTER OF SCIENCE IN COMPUTER ENGINEERING

Vinayak P. Chintamaneni  Michael S. Hickman
Seth A. Decker  Mithun Mohan
Matthew J. Greci  Jaclynn J. Wakley
Jacob N. Healy  Mahdi Zerara

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Manish Bhattarai  Christoph Hintz  Gabriel A. Parras
Joshua A. Dye  Khandakar Nusrat Islam  Jon C. Pouncey
Abdelrahman T. Elshafiey Alakrat  Artem V. Kuskov  Matthew G. Shubert
Phillip Fansler  Stephen J. Machuzak  Joshua L. Stewart
Juan J. Faria Briceno  Nick J. Martinez  Sean A. Sullivan
Andres R. Flores  John G. Maynard  Mohammad Reza
Colin B. George  Susan M. Mendel  Zamani Kouhpanji
Josh H. Goglio  Luan T. Nguyen
Gabriel J. Hesch  Philip A. Olaniyi

DOCTOR OF PHILOSOPHY IN ENGINEERING

ELECTRICAL ENGINEERING

Tairen Chen  Hamide Seidfaraji
Jeffrey L. Dohner  Sabahattin C. Yurt
Mirza M. Elahi  Maria E. Zamudio

COMPUTER ENGINEERING

Rogers F. Silva
Najem N. Sirhan

*Summer 2017 Graduate  •cum laude  ••magna cum laude  •••summa cum laude
Mechanical Engineering

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Ahmed J. Almalki
Ahmed A. Almuslem*
Michael D. Anselmi*
Logan J. Aragon
Brandon D. Archibeque*
Austin R. Baird**
Vince S. Baros
Jeremy A. Bloom
Nigel I. Brassington
Justin R. Brooks*
Patrick A. Brumley*
Christopher A. Buksa
Charles M. Coleman*
Sean P. Cooper**
Adam R. Crockett*
David H. Croteau
Trenton J. Dean
Jay Del Barga
Gerardo Delgado
Matthew R. Drum
Alexander E. Esfahani**
Christopher R. Esquibel*
Sean M. Fattor
Daniel Freelong
Michael Fry*
Lucas E. Gallegos
Eric E. Glynn
Nicholas S. Gurule**
Charles R. Hager
Justin R. Hargrove***
Rallin M. Harris
Caleb D. Holets**
Adrienne H. Hubbard
Bryan S. Jewell*
Richard L. Jimenez
Javier G. Jordan
Shyanne Kapalko*
Taylor F. Linker***
Avery L. Lopez
Manuel J. Lucero
Brandon R. Lujan
Jacob A. Maestas
Jesse E. Martinez
Kaley D. Martinez
Terese M. Martinez*
Joshua N. Montano
Isaac P. Montano
Lisandro A. Munoz
Robert S. Muyschondt**
James B. Norwood
Kelly R. Oakley*
Santiago C. Olguin
Keith M. Pacheco*
John N. Padilla
Vincent J. Powell
Alexander A. Quintero
Leeyan Ezekiel L. Racca
Malcolm S. Reese
Ashley M. Roach***
Stephanie Rocha*
Benjamin W. Rogers
Emiliano A. Sanchez
Niccoli N. Scalice***
Kurt T. Schramm
Skyler M. Sherman
Clinton D. Silver*
Dylan M. Simons*
Ryan M. Sims*
Gregory H. Smith
Lonnie A. Smith***
Aaron M. Solano
Mauricio D. Somarribas
Daniel K. Stefan***
Benjamin G. Stewart
Daniel W. Taylor*
Louis P. Tkach
Fritz W. Vaupel Vergnani*
Jason L. Velasquez*
Anthony J. Villareal**
Benjamin J. Zamora Urioste*
MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Joshua L. Allison          Pablo A. Laight                  Nolan J. Phillips*
Shannon P. Bigelow        Guillermo Mata                  Daniel L. Powell
Josiah M. Bigelow         Jacob L. Medina                 Bradley C. Salzbrenner†
Jarred P. Caldwell         Andrew K. Michels                Benigno F. Sandoval
Matthew J. Garcia          Lucas S. Montoya*                Mark E. Small
Ashley S. Johnson          Ali Nematollahisarvestani    Craig W. Smith
Kelsey M. Johnson          Peter T. Ng                    Austin T. Von Tom
Tanzie A. Judge

DOCTOR OF PHILOSOPHY IN ENGINEERING

Brendan A. Kullback

Nuclear Engineering

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Alexander L. Barham        Vanessa L. Goss**                  Andrea L. Tallbrother
Stephanie B. Brabson*      Vanessa V. Leyba                  Colin A. Weaver***
Carmelo Cuna               Bobbi Merryman**                 David B. Weitzel**
Justin R. Davis            Jenny R. Smith*                  Andrew L. Tallbrother

MASTER OF SCIENCE IN NUCLEAR ENGINEERING

Phoenix Baldez             Philip E. Theisen
Sara M. Pelka              Nathan F. Toleman

DOCTOR OF PHILOSOPHY IN ENGINEERING

Joel T. Hughes†            Chantell Murphy
Joseph P. Morris           Jedediah D. Styron

*Summer 2017 Graduate      •cum laude      ••magna cum laude  •••summa cum laude
Chemical and Biological Engineering

BACHELOR OF SCIENCE

Fahad E. Almuaybid
Raisa Carmen Andeme Ela
Mariah J. Austin***
John M. Baca
Jeremy J. Bath
Olivia A. Bell***
Brian M. Billstrand
Zachary M. Binger
Sarah J. Blair***
Douglas S. Brunson***
Tianhao Cai
Tybur Q. Casuse
Colby A. Connors
Daniel M. Gilliam
Craig W. Gorum
Danielle D. Harrier**
Bram R. Hunt***
Joshua R. Koepke
Monica Lechuga
Jennifer M. Lew
Daniel E. Lichtig**
Guadalupe Lopez-Cazares
Michael T. Loy
Dustin M. Luettgen**
Ayham Maadi***
Rachel I. Martin**
Jared K. Mauldin***
Luis Eduardo Mejiaortega
Ori B. Melnik
Cassandra E. Miller**
Shepard C. Moore**
Tracie C. O’Neill
Clay B. Payne**
Joseph A. Paz
Leslie A. Radosevich
Marshall J. Reviere***

Shabab Saad
Krista M. Savela**
Najeeb I. Shamoon**
Violet V. Sheffey**
Catherine A. Sher**
Nicholas V. Shortencarier
Erik C. Strobert
Austen B. Tigges***
Timothy H. Torres
Tyler D. Vertovec**
Julian A. Vigil***
Zihao Wang
Lei Wu
Alexandra V. Yingling
Kyle C. Zibbon**

MASTER OF SCIENCE IN ENGINEERING

Caroline Bouvie
Mounika Kodali*
Matthew M. Melton*
Colin H. Sillerud
Tracy A. Wisler

DOCTOR OF PHILOSOPHY IN ENGINEERING

Eric M. Benner
Daniel M. Kalb
Mario S. Rojas Carbonell

*Summer 2017 Graduate
†Graduating with Distinction
Civil Engineering

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Jason L. Aldaz
Brittany N. Antonczak*
Samuel R. Biggs
Jerica A. Catanach
Brennan S. Charley
Max H. Dowis
Robert A. Garcia
Sarah M. Grado
Daniel V. Guerrero

Jeremiah C. Leyba***
Jacob M. Lowrey
Michael M. McAninch
Rachael E. Miera**
Dennis N. Murphy
Assad A. Rizvi
Aron S. Robbins**
Jared L. Romero***
Conner J. Rusch***

Melissa R. Saliberg
Jefferey A. Scott
Greg Seay
Julia L. Seymour***
Christopher Simmons**
Luke A. Smith
Jordan D. Thompson

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

Kevin Gonzalez
Levi G. Green
Kevin D. Harmon*

Jesus G. Hernandez*
Tyler J. Lam
Miranda A. Ortiz

Robert E. Otero
Travis J. Porter
Gabrielle M. Vigil

BACHELOR OF SCIENCE IN CONSTRUCTION ENGINEERING

Abigail K. Hoffmann**

Neff M. Malouff*

MASTER OF SCIENCE IN CIVIL ENGINEERING

Michele M. Anderson*
Ehren D. Baca*
Elisa C. Borowski*
Lauren N. Breitner*
Ala Eddin Douba*
Vanessa A. Garayburu Caruso

Serafin Garcia Fernandez*
Amy R. Garner*
Sushil Ghimire
Jose A. Gomez Romero Salazar
Ali F. Jwary
Timothy D. Lynn*

Asifur Rahman*
Mitchell T. Schatz
Ivan B. Syed*
Derek J. Wichhart

*Summer 2017 Graduate  *cum laude  **magna cum laude  ***summa cum laude
Civil Engineering

MASTER OF ENGINEERING

Kirsty D. Bramlett
Jordan A. Chavez
Charles D. Johnston
Valerie C. McCoy
Aayush Piya*
Jennifer Winslow

DOCTOR OF PHILOSOPHY IN ENGINEERING

Hasan M. Faisal*
Sadia Faiza*
Elmira Kalhor
Umme A. Mannan*
Patrick D. McLee
ASM A. Rahman
Saman Rashidyan*
Seyedali Yousefi*
Su Zhang

*Summer 2017 Graduate  †Graduating with Distinction
## Computer Science

### Bachelor of Science in Computer Science

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
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<td>Ronniet Acosta Figueredo</td>
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<td>Alexander E. Baker*</td>
<td>Jalen S. Johnson</td>
<td>Ethan R. Parks**</td>
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<td>Joshua R. Donckels</td>
<td>Kenneth I. Kressin</td>
<td>Miri H. Ryu</td>
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<td>Brendan D. Donohoe***</td>
<td>James D. Lawson</td>
<td>Edgar E. Salas</td>
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<td>Jessica A. Dudek</td>
<td>Mario V. LoPrinzi*</td>
<td>Valuable V. Sheffey*</td>
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<td>Theodore A. Evans***</td>
<td>Tyler T. Lynch*</td>
<td>Robert L. Spidle**</td>
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<td>Erik Granger</td>
<td>Christiaan Martinez**</td>
<td>Stephen J. Stromberg**</td>
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<td>Daniel A. Green</td>
<td>David S. Matins***</td>
<td>Christopher Q. Wu*</td>
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### Master of Science in Computer Science

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<tr>
<td>Rabia Abrol</td>
<td>Dejun Jiang</td>
<td>Weston W. Ortiz</td>
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<td>Benjamin D. Anthony</td>
<td>Torran A. Kahleck</td>
<td>Rajeswari Ramasamy</td>
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<td>Zhu Li</td>
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<td>Benjamin A. Mixon-Baca</td>
<td>Nishant Sreedharan</td>
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<td>Qian Hao</td>
<td>Meisam Navaki Arefi</td>
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### Doctor of Philosophy in Computer Science

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<tr>
<td>George M. Fricke</td>
<td>Hossein Hamooni*</td>
<td>Amanda J. Minnich*</td>
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<tr>
<td>Taylor L. Groves</td>
<td>Dewan M. Ibtesham*</td>
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*Summer 2017 Graduate  •cum laude  ••magna cum laude  •••summa cum laude
INTERDISCIPLINARY PROGRAMS

Biomedical Engineering
MASTER OF SCIENCE IN ENGINEERING
Taylor L. Britton
Hannah E. Height
Timothy C. Sanchez

DOCTOR OF PHILOSOPHY IN ENGINEERING
Terisse A. Brocato
Joseph D. Butner*

Nanoscience and Microsystems
MASTER OF SCIENCE IN NANOSCIENCE AND MICROSYSTEMS
Josefine D. McBrayer*
Lyle A. Menk*

DOCTOR OF PHILOSOPHY IN NANOSCIENCE AND MICROSYSTEMS
Cristhian O. Carillo
Matthew S. Graus
Noel M. Dawson
Jonathan E. Dorsey*

Optical Science and Engineering
MASTER OF SCIENCE IN OPTICAL SCIENCE AND ENGINEERING
Farzin Beygi Azar Aghbolagh
Farzin Farzam

DOCTOR OF PHILOSOPHY IN OPTICAL SCIENCE AND ENGINEERING
Mohammadreza Ghasemkhani
Aram Gragossian

*Summer 2017 Graduate
†Graduating with Distinction
Golden Graduates

We pay tribute to our alumni who graduated 50 years ago, our Golden Graduates. We honor their lifelong connection to the UNM School of Engineering and extend a warm welcome to those Golden Graduates who are able to join us today.

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Paul W. Plomp, MSME
Donald F. Post, PhD ECE
Gary Prager, BSChE
Robert S. Printis, MSEE
Robert Sostenes Quintana, BSChE
Robert R. Rall, BSCE
Terry E. Richards, MSNE
George Elais Rigopoulos, BSME
Raymond E. Rink, PhD EE
Jeffrey E. Sells, BSEE
Nagin A. Shah, BSME
Piyush R. Shah, BSChE
Stephen A. Sheffield, MSME
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Samuel Robert Skaggs, MSME
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James C. Wambold, PhD ME
Harry L. White, BSEE
Jeffrey N. Wilkes, BSEE
Marion Lester Williams, MSME
Ladislao Wohlstein, BSEE
Robert M. Workhoven, MSME
Hsiang-Yueh Yeh, MSCE
Alvaro Zuleta, BSCE
Guidelines for Graduates and Guests

Cooperation Requested
Family members and guests are encouraged to take photos of the ceremony and the graduates. While taking photos, please be courteous and respectful of the students leaving the stage. The audience may not enter the stage area at any time during the program.

Commencement Photographer
GradImages will take candid photographs of all graduates at their special moment of recognition. Graduates will receive a free proof of this photo via email and regular mail within 5 to 7 days following the ceremony. You may place orders or obtain answers to questions at the GradImages website for graduate photos, www.gradimages.com or by calling 1.800.261.2576

Diplomas
The Office of the University Registrar will mail diplomas (unless the student has specified that it be held for pick-up) after grades have been received and recorded, which is usually in mid-July for spring graduates. Diploma-related questions should be directed to the UNM Office of the Registrar at 505.277.8900 or by email to degrees@unm.edu.