

THE UNIVERSITY OF NEW MEXICO  
**SCHOOL OF ENGINEERING**



**SPRING CONVOCATION**

**MAY 14, 2016**

# *Message from the Dean*

## TO THE SPRING 2016 UNIVERSITY OF NEW MEXICO SCHOOL OF ENGINEERING GRADUATES

It is my pleasure to welcome all of you to the Spring 2016 University of New Mexico School of Engineering Convocation.

Today we celebrate the accomplishments of our graduating students. This memorable day is the culmination of all of your hard work, dedication, and perseverance.

We also salute 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.

Since its founding in 1906, the UNM School of Engineering has focused on applying knowledge to solve the world's grand challenges. 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.



A handwritten signature in black ink that reads "Joseph L. Cecchi". The signature is written in a cursive, flowing style.

Joseph L. Cecchi  
Dean, UNM School of Engineering

# SPRING CONVOCATION

UNIVERSITY OF NEW MEXICO SCHOOL OF ENGINEERING

SATURDAY, MAY 14, 2016 • 2:30 P.M.

WisePies 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

Robert M. Doughty, President  
Marron Lee, Vice President  
Jack L. Fortner, Secretary-Treasurer  
Lieutenant General Bradley C. Hosmer,  
USAF (Ret.)  
Suzanne Quillen  
Ryan Berryman, Student Regent

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# Convocation Program

## Processional

### FACULTY MARSHAL

Edward D. Graham Jr., Professor Emeritus, Electrical and Computer Engineering

### BANNER CARRIER

Nicole Bingham, Department of Civil 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

Joseph L. Cecchi, Dean, School of Engineering

### KEYNOTE SPEAKER

Randy Velarde, B.S., Chemical Engineering, '81

### STUDENT SPEAKERS

Christopher DeGraw, B.S., Mechanical Engineering, '16

Melissa Mills, M.S., Civil Engineering, '16

### PRESENTATION OF BREECE AWARD

Presenter: Charles B. Fleddermann, Associate Dean for Academic Affairs

Awardees: Wesley Hutchins, B.S., Computer Engineering, '16

Travis Jensen, B.S., Chemical and Biological Engineering, '16

### PRESENTATION OF DEGREE CANDIDATES

Charles B. Fleddermann, Associate Dean for Academic Affairs

## RECESSIONAL

# Platform Party

## DISTINGUISHED GUESTS

Julie Coonrod, Dean, Graduate Studies

Gregory Heileman, Associate Provost for Curriculum

## 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

Wei Wennie Shu, Associate Dean for Graduate Recruiting

Abhaya Datye, Chair, Department of Chemical and Biological Engineering

Mahmoud Reda Taha, Chair, Department of Civil Engineering

Darko Stefanovic, Interim Chair, Department of Computer Science

Christos Christodoulou, Interim Chair, Department of Electrical and Computer Engineering

Yu-Lin Shen, Associate Chair, Department of Mechanical Engineering

Anil Prinja, Chair, Department of Nuclear Engineering

## FACULTY MARSHAL

Edward D. Graham Jr., Professor Emertius, Electrical and Computer Engineering

## KEYNOTE SPEAKER

Randy Velarde, B.S., Chemical Engineering, '81

## STUDENT SPEAKERS

Christopher DeGraw, B.S., Mechanical Engineering, '16

Melissa Mills, M.S., Civil Engineering, '16

# Keynote Speakers

## Randy Velarde

Chemical Engineering, '81

Randy Velarde grew up in Albuquerque and followed in the footsteps of his older brother, choosing the University of New Mexico to study chemical engineering. But rather than begin his career as an engineer, Velarde chose a different – and less obvious – route.

“It was a high time for the petroleum industry when I graduated in the spring of 1981,” Velarde said. “I had many job offers, most for an engineering position and one working on the commercial side; I chose the commercial job offer from Shell Chemical in Houston.”



For the first few years, he worked for Shell in Cleveland, where he held a position in sales. After earning an MBA from Baldwin-Wallace College in Berea, Ohio, he was transferred to Houston by Shell and held various positions in marketing, business planning, and product management of what are known as the “downstream” products of oil – petrochemicals that are made from petroleum and natural gas. Such petrochemicals are used to make a wide variety of products used in the housing, automotive and construction industries.

In 1990, Velarde joined Texaco Chemical as a business manager. Four years later, he made the big decision to form The Plaza Group, a specialty marketing firm focused on marketing refinery and petrochemical products produced at Texaco refineries as Texaco Chemical’s assets were being sold to Huntsman. Within a few years, The Plaza Group became the exclusive distributor of the chemical products produced at these facilities under a long-term contract. Today, the company has sales agreements with many of the industry’s leading petrochemical producers, including Dow Chemical, Shell, Goodyear Chemical, Total, Versalis, Husky, Mitsui, and Alon Refining, among others.

The Plaza Group remains in growth mode, as it continues to build its reputation as a multi-million dollar international chemical marketing firm. The Plaza Group was ranked among the top 15 North America Chemical Distribution Leaders, the Top 50 Chemical Distributors and one of the 50 largest private companies in Houston.

Among his many career achievements, Velarde was appointed by former Secretary of Energy Bill Richardson to serve on the National Petroleum Council, and has been named Entrepreneur of the Year by both *Hispanic Business* magazine and the Houston Hispanic Chamber of Commerce.

Velarde continues to visit the UNM campus several times a year, especially in connection with his role as a board member of the UNM Foundation.

“My UNM Engineering degree provided me with a set of skills to approach challenges of all kinds, which has helped me tremendously in business and in life,” he said. “I enjoy the connection I have with UNM and what I have received, and I look forward to giving back.”

# Student Speakers



## Christopher DeGraw

B.S., Mechanical Engineering, '16

To say Christopher DeGraw took a slightly different path to becoming an engineer would be an understatement. The Connecticut native earned both his bachelor's in music education and a master's in musicology (from Ithaca College and the University of Limerick in Ireland, respectively), then was an elementary and middle school band teacher in Connecticut and Las Vegas, Nevada, for nearly a decade before deciding to attend UNM to pursue a mechanical engineering degree at age 33.

He said he always had twin interests in music and engineering, and just happened to choose music first, but a variety of factors caused him to change course. He calls music "just as hard" as engineering. He still enjoys music as a hobby, including singing and playing a variety of instruments.

While a student, Christopher has kept busy, working in rocketry at Sandia National Laboratories while also working as a tutor and teaching assistant at UNM.

In the fall, he will be heading to Georgia Tech to earn a master's degree in aerospace, planning to return to his position at Sandia afterward. His wife, Mary Louise, is a former orchestra teacher who is pursuing a chemical engineering degree at UNM.



## Melissa Mills

M.S., Civil Engineering, '16

Melissa Mills was inspired to become a civil engineer while participating in the School of Engineering's freshman summer bridge program. It was there she was exposed to different engineering disciplines and found that civil engineering provided the most extensive opportunity.

After earning her undergraduate degree in civil engineering from UNM, Melissa stayed on in the department for her master's, mostly because of the strong student-faculty interaction and support she received, including working with Professor John Stormont. In 2011, she was selected as the outstanding pre-major sophomore in the School, and in 2014, she received a fellowship through the Department of Energy Nuclear Energy University Program to conduct research on the consolidation of granular salt to be used in geologic repositories for nuclear waste disposal.

The lifelong Albuquerque resident also had a great opportunity for real-life experience working as a student intern at Sandia National Laboratories for the last five years. After graduation, she is planning on continuing at Sandia, working in nuclear waste research and disposal. In her spare time, she enjoys traveling, skiing, playing softball, and being outdoors.

# 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.



## Wesley Hutchins

Computer Engineering, '16

For Albuquerque native Wesley Hutchins, UNM was a natural choice, and the Presidential Scholarship he received made it a very "good deal" financially, he said.

While a student, Wesley said he had a lot of fun times, both in class and out of class. He especially enjoyed classes taught by Joel Castellanos in computer science — vector graphics and the design of large projects. During his time at UNM, Wesley held part-time positions at UNM's COSMIAC as well as Sandia National Laboratories. When not studying, he enjoys hiking and racquetball.

In June, Wesley will start a new adventure, beginning a job at Google in Mountain View, California, where he will be working on the "next billion users" project, which focuses on bringing the Internet to people in Third World countries. He said a recruiter from Google contacted him after hearing that he had been selected as the School of Engineering's Outstanding Junior in Electrical and Computer Engineering the year before.



## Travis Jensen

Chemical and Biological Engineering, '16

Travis Jensen hadn't thought much about his future plans in high school, but going into work every day at 5 a.m. at a local grocery cutting fruit for pre-made fruit cups made him think a little harder about how he wanted to spend his life. That's when he decided to pursue a degree in biochemistry, but later switched to chemical engineering because he felt it was more applicable to real-life problems.

Although he says earning an engineering degree was more work than he thought it would be, he said all the effort was worth it. In his spare time, he enjoys biking and backpacking, hobbies he will be able to continue this fall, when he will begin at the University of Colorado - Boulder, where he will pursue a Ph.D. in chemical and biological engineering. He said he plans on eventually becoming a university professor.



# 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.

# School of Engineering History

Engineering instruction at the University of New Mexico has a rich tradition, beginning in 1906, with four-year programs in civil, electrical, mechanical, and mining engineering. The first bachelor of science degree was awarded in June 1912. By 1916, enrollment was at 37 with two or three graduates each year. In 1947, the Department of Chemical Engineering was established, and in 1972 it expanded to the Department of Chemical and Nuclear Engineering. Computer science courses were initially offered in the mathematics department and in 1976, the Department of Computer Science was established. With the addition of computer engineering to the Department of Electrical Engineering in 1979, the present-day complement of academic departments was in place.

This spring, the UNM School of Engineering enrolled over 2,300 students in nine undergraduate degree programs and over 800 students in more than a dozen graduate degree programs. These degrees are offered through the School's six academic departments and, increasingly, through interdisciplinary and interdepartmental programs. Research is integrated into each degree program in an environment that fosters teamwork, cultural and intellectual diversity, a strong sense of public responsibility, and lifelong learning. An exceptionally active research faculty work in critical and cutting-edge areas, collaborating within UNM and with other universities, the national laboratories, and industry to develop innovative solutions for societal challenges.



# Degrees Awarded

## Order of Presentation

Department of Civil Engineering  
Department of Computer Science  
Department of Electrical and Computer Engineering  
Department of Mechanical Engineering  
Department of Nuclear Engineering  
Department of Chemical and Biological Engineering  
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.

# Civil Engineering

## BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Saydra Alvarez Moreno*♦	Alicia C. Lopez	Gregory S. Rivara*
Bruce A. Bitsinnie	Jesus A. Lopez	Sara R. Rojas-Briceno
Fabian M. Carbajal♦	Stephen M. Lujan♦	David R. Ruiz
Jordan A. Chavez♦	Daniel J. McFadden♦♦♦	Melissa C. Segay*
Peter A. Creighton♦	Ebrahim E. Nourestani	Jeremy W. Shell♦
James S. Fluke♦♦♦	Jose M. Ortiz	Daven E. Tagaban
Isai E. Garcia	Amber L. Palmer	Nancy E. Tarin
Paul E. Lamb	Johanna L. Phillips♦♦	Patrick R. Whorton
Cameron E. Livermore	Samuel T. Rael	

## BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

Corey N. Bond♦♦	Marcus Ortiz	Adam M. Ryan
Ryan M. Bush	John P. Romansky♦♦♦	Adam M. Snyder♦♦

## MASTER OF CONSTRUCTION MANAGEMENT

Melinda M. Rouse\*

## MASTER OF SCIENCE IN CIVIL ENGINEERING

Jourdan B. Adair*	Ali F. Jwary*	Mitchell T. Schatz*
Ala Eddin Douba*	Savannah Elizabeth Martinez*	Mohamed Nabil Shaikh*
Joshua R. Ellison*	Melissa M. Mills*	Krishna Chaitanya Jagadeesh
Rahul Reddy Gade*	Jacob G. Mortensen*	Simma
Amy R. Garner*	Laxmi P. Paneru*	Nicole B. Trujillo*
Md Amanul Hasan*	Omar A. Ruiz*	Shreya Vemuganti

## MASTER OF ENGINEERING

Caitlin M. Hermanson	Rama T. Raparti
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## DOCTOR OF PHILOSOPHY IN ENGINEERING

Elmira Kalhor*	Mesbah U. Ahmed†
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\*Summer 2016 Graduate

†Graduating with Distinction

# Computer Science

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Nathan D. Acosta

Nicolas R. Lauve

Austin J. Short♦

Benjamin D. Anthony♦♦♦

Marcos A. Lemus

David A. Shubsda♦♦

Jade Archuleta

Martin C. Lidy

Inderpreet Singh

Zachariah N. Falgout♦

Matthew R. Locklin

Katherine Sivonxay♦

Jayson E. Grace\* ♦♦

Adam W. Mitchell

Trenton R. Small

Daniel L. Illescas

Jeffrey Nichol\*

Juan C. Somarriba Jarque

Jessica E. Jones♦

Max R. Ottesen♦♦

Erin M. Sosebee

Daniel R. Kestell♦

Stephen P. Ransom

William F. Vining♦

Burton S. Korten

Joshua D. Ridens



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\*Summer 2016 Graduate

♦cum laude

♦♦magna cum laude

♦♦♦summa cum laude

## MASTER OF SCIENCE IN COMPUTER SCIENCE

Torin J. Adamson <sup>†</sup>	Elijah J. Finch	Vamshi Krishna Narayandas
Alekya Addula	Prema Sai Kumar Reddy	Suparnasa
Harika Atmala	Gangana	Jivan Nanabhai Patil
Dinesh Kumar Attem	Aaron G. Gonzales	Magesh Rajasekaran
Thilak Raj Balasubramanian	Tanya S. Jeffries <sup>†</sup>	Andres F. Ruiz Cardozo
Jeremy R. Benson	Priyaranjan R. Juturi Chinna	William W. Schonbein
Praveen Bollampalli	Anusha Kadiyala**	Feng Shen
Krishna Chaitanya Reddy Burri	Sri Vani Kalvakuntla	Nishant Sreedharan
Nialls Chavez	Neshanth Kambarnatham-	Viknesh Thananjeyan
Manikantam Chitturi	Kalaichelvan	Kiran Kumar Thella
Naga Krishna Harish Dara	Sahithi Kamireddy	Siva Venkata Sai Jeevan Vankayala
Meghana Savitri Dasigi	Beverly Klemme	Gayathri Lakshmi Chowdary Vattikonda
Syam Prasad Dokuparthi	Seshagiri Rao Kornepati	Deepak Velagaleti
Maheswarareddy Durgempudi	Aliaksei Kuliashovich	Satyajit Venkata Sivanarayana Vure
Venkata Lakshmana Nrusimha Tarun Emany	Ramon A. Lovato	Cheng Wang
John C. Ericksen	Varun Reddy Male	Fengshu Xu
	Shankar Rao Mata	

## DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

Viktor Chekh	Oscar H. Mondragon Martinez
Benjamin J. Edwards <sup>†</sup>	Mahnush Movahedi Meimandi
Drew F. Levin	Mahdi Zamani
Scott N. Levy <sup>†</sup>	

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\*Summer 2016 Graduate

\*\* December 2015 graduate

<sup>†</sup>Graduating with Distinction

# Electrical and Computer Engineering

## BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Lawrence C. Allen♦	Jeremy A. Harrod♦	Mykel G. Rodriguez♦♦♦
Prabhjot S. Bharaj	Edward T. Hietter♦♦♦	Stevie A. Ruiz♦
Daniel W. Bowen♦♦	Wesley C. Hutchins♦♦♦	Ryan T. Sweeney
Jeffrey D. Calhoun♦♦♦	Abigail R. Jacoby♦♦	Faye Tran
Ian C. Collins	Zach K. Land	Philip M. Vanevery♦♦♦
Dillon R. Graham	Monalisa Lopez	Eric D. Watson♦
Matthew J. Greci♦♦	Jacob L. Nash	Leonard F. Wolford♦♦
Matthew C. Handing♦	Ryan T. Poliner	Sheng Zhong♦♦♦

## BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Md Moshiul Azam♦	Nathan G. Guay♦♦♦	Dakarai Quincie McCoy
Eduardo T. Benitez-Jones♦	Grant D. Heileman♦	Craig J. Robertson♦
Edith M. Castellanos Rosales	Michael A. Illescas	Juanita A. Rodriguez
Christopher M. Chavez	Mitchell R. Jackson♦♦	Gabriel A. Rodriguez♦
Travis J. Chenard♦	Nikolas S. Jung♦♦♦	Francis R. Salas♦♦♦
James B. Deffenbaugh♦	Johnson J. Kallickal♦♦♦	Matthew D. Scarborough♦♦
Dylan C. Dominguez	Sarah K. Kesler♦	Jacob O. Sutton♦
Austin J. Fields♦	Tyler C. Lapointe	Anthony C. Thompson
Andres R. Flores	Sam L. Lockwood	Michael T. Urioste
Mark F. Follo♦♦	Patrick M. Lopez	Jason D. Urvanejo
Justin M. Graham	Nathan E. Martin	Vincent M. Woods♦
Huck K. Green♦♦	Matthew B. Martinez	

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\*Summer 2016 Graduate

♦cum laude

♦♦magna cum laude

♦♦♦summa cum laude

## MASTER OF SCIENCE IN COMPUTER ENGINEERING

Alejandro Flores

Nishmitha Naveenchandra Kajekar

John Matthew Guthrie\*

Steven Travis Seppala

## MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Mostafa Aghaee

Sean Paul Hamlin

Wilmer Stalin Rios Aguilar

Richard Allen Borders

Aaron Jacob Holets

Teressa Rose Specht\*

William Sarsfield Cavanaugh

Mitchell Conner Malone

Michael Earl Swalby\*

Umamaheswara Rao

Jeremy William McConaha

Corbin Joseph Wilhelmi

Chintamaneni

Joshua Kirk Orfield

Anusha Gorla

Akshitha Peddi

## DOCTOR OF PHILOSOPHY IN ENGINEERING

### ELECTRICAL ENGINEERING

Tiffany Renea Desjardins

Zhuoyao Wang

Theodore Lyman Schuler-

Yasser Yasaei

Sandy

### COMPUTER ENGINEERING

Cesar Alberto Carranza†

Dylan R. Ismari

Seyed Vahid Noormofidi

Maziar Yaesoubi\*

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\*Summer 2016 Graduate

†Graduating with Distinction



# Mechanical Engineering

## BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Richard K. Adcock	Robert E. Demsey	Lucas C. Matthys
Phillip M. Atencio	Kenny L. Diamond♦♦	Alexander J. Mayes♦
Renee N. Baca♦	Luis A. Diaz	Isaac P. Montano*
Exson Banuelos♦	Justin R. Difino	Joshua C. Montoya♦
Alexander K. Barr	Stephanie E. Dimpfel♦♦♦	Jonathan D. Morgan♦
Arthur A. Barraza♦♦	Adam B. Dyba♦	Ariel D. Nephew
Casey J. Barton	Aarya S. Engineer	Matthew D. Ortiz♦
Cameron M. Beamsley	Mathew T. Erickson	Estevan L. Pina
Nikolas R. Berezniak	Robert E. Ficklin	Jefferson B. Rieder♦
Scott B. Betts	Keith J. Fleming♦	Benjamin W. Rogers
Jason W. Booher♦	Chanju D. Fritch♦♦♦	Kimberly M. Rogulich
Richard L. Bradley♦♦	Vincent A. Garcia	Freddy J. Rojas Briceno
Jeffrey C. Brady♦♦♦	Scott K. Garner♦♦♦	Daniel F. Roldan
Teo J. Brandt♦♦	Austin E. Graham	Chadrach E. Roybal
Douglas L. Brown	Andrew W. Hegge♦	Solji Shin♦♦♦
Gwendolyn M. Bryan♦♦♦	Lucca A. Henrion♦♦	Amanda R. Sterk
Isaac S. Buchanan	Hector G. Hernandez	Jeffrey A. Sward♦♦♦
Joshua B. Catanach	Jonathan E. Herrera	Louis P. Tkach*
Griffin S. Cearley♦♦♦	Bruce W. Hurlbut	Eduardo Villagomez
Toby G. Chiu♦♦	Yuri A. Ivanov♦	Norma L. Vital
Dominic J. Cisneros	Domonic R. Jojola	Austin T. Von Tom* ♦♦♦
Gonzalo D. Correa♦	Sean M. Kerwin	Cydnee L. Wolfe*
Kevin M. Craft♦♦♦	Andrew D. Kline♦	John D. Yarbrough*
Christopher F. DeGraw♦♦♦	Joshua P. Martinez	Jason H. Yoo♦♦

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\*Summer 2016 Graduate

♦cum laude

♦♦magna cum laude

♦♦♦summa cum laude

## MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Joshua L. Allison*	Mohammad A. Hossain*	Rochelle M. Piatt
Matthew A. Baca	Cameron M. Kuper	Nicholas B. Smith
Ryan J. Burrus	Ricardo M. Martinez	James M. Steward
Lucas E. Chavez*	Victor Nevarez	Cody M. Williams
Candice F. Cooper*	Jacob D. Ortiz*	
Jonathan R. Farris	Gabriel T. Ortiz	

## MASTER OF ENGINEERING IN MANUFACTURING ENGINEERING

Vikas Cholleti

## DOCTOR OF PHILOSOPHY IN ENGINEERING

Mohammadhosein Ghasemi Baboly*	Andrew D. Williams
Ben J. Rael†	

# Nuclear Engineering

## BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Thomas A. Ball♦♦♦	Tamas Gyalay	Corey M. Skinner♦
Arnika V. Chidambaram	Shawn J. Henderson♦	Daniel H. Timmons♦♦♦
Zackary G. Dodson♦♦♦	Christopher J. Kuttyreff	Brittany L. Umbrage
Joey B. Elmblad	Cole M. Mueller♦	Riley Q. Wilson
Xavier A. Garcia♦	James R. Pike♦	
Jamie L. Gerard	Ryan D. Sharp♦	

## MASTER OF SCIENCE IN NUCLEAR ENGINEERING

James R. Cole*	Victor M. Vergara
Stephen K. Martinez	Chelsea Weaver*

## DOCTOR OF PHILOSOPHY IN ENGINEERING

Erin I. Vaughan\*

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\*Summer 2016 Graduate

†Graduating with Distinction

# Chemical and Biological Engineering

## BACHELOR OF SCIENCE

Nicholas A. Abbott

Aiden E. Anderson♦♦

Nicholas A. Baker♦♦

Nicole L. Baty

David J. Buehler♦

Taylor A. Chagnon♦

Madelaine S. Chavez

James S. Chavez♦♦♦

Rebecca Y. Chow

Yvann P. Djamen Tchana

Mark A. Duran-Lippman

Gretta J. Evans

Igor B. Goulart

Samuel C. Greenblatt♦

Charles E. Harris

Hannah E. Height

Jacob M. Holt♦♦

Travis J. Jensen♦♦♦

Ashley M. Jessop

Adrian Ledesma-Mendoza♦♦

Meifeng Lin♦♦

Ciana L. Lopez♦

Jolie M. Lucero♦

Justin R. Marquez

Alina M. Martinez♦

Josefine D. McBrayer♦♦♦

Emma K. McCaslin

Kathleen C. McCullough♦

Lyle A. Menk

Thao K. Pham♦♦♦

Troy K. Ramos

Alden R. Reviere

Brandi L. Saavedra

Michael J. Salazar♦♦♦

James K. Scacco

Jake A. Silva

Eric Sivonxay♦♦♦

Stephen S. Ulibarri♦♦♦

Ryan M. Villazon

Tracy A. Wisler♦

Esau H. Woodhouse

## DOCTOR OF PHILOSOPHY IN ENGINEERING

Sarah A. Stariha

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\*Summer 2016 Graduate

♦cum laude ♦♦magna cum laude ♦♦♦summa cum laude

## **INTERDISCIPLINARY PROGRAMS**

# **Biomedical Engineering**

### **MASTER OF SCIENCE IN ENGINEERING**

Kevin Fotso Tagne\*

Rachel N. Tufaro\*

Phuong Anh H. Nguyen

### **DOCTOR OF PHILOSOPHY IN ENGINEERING**

Paul N. Durfee\*

Loreen R. Stromberg†

# **Nanoscience and Microsystems**

### **MASTER OF SCIENCE IN NANOSCIENCE AND MICROSYSTEMS**

Jeremiah W. Houghton

### **DOCTOR OF PHILOSOPHY IN NANOSCIENCE AND MICROSYSTEMS**

Rachel M. Hjelm

Clay S. Mayberry\*

Samantha L. Schwartz†

Ryan J. Lopez

Harry C. Pappas†

# **Optical Science and Engineering**

### **MASTER OF SCIENCE IN OPTICAL SCIENCE AND ENGINEERING**

Behsan Behzadi

Sharmin Haq

Zhixiang Ren

Mahmoud Behzadirad

Ning Hsu

Vinita Dahiya

Esmail Mobini Souchelmaei

### **DOCTOR OF PHILOSOPHY IN OPTICAL SCIENCE AND ENGINEERING**

Chengyong Feng†

Alireza Kazemi

Chia Yeh Li

Aram Gragossian\*

Changyi Li

Shermineh Rostami

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\*Summer 2016 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.

## CLASS OF 1966

Joseph P. Abbin Jr., MSME	Vincent R. Chavez, MSEE	DeBow Freed, PhD NE
Ahmid K. Aboul-Seoud, PhD EE	John C. Chirigos, BSEE	William Wood Fuller, BSME
Nasir Ahmed, PhD EE	Larry D. Cline, MSCE	Michael Jon Gadler, BSEE
George D. Alexander, MSEE	James Kenneth Cole, PhD ME	Oscar L. George Jr., MSME
Winser E. Alexander, MSEE	Robert E. Conger, BSEE	Edward D. Graham Jr., MSEE
Walton O. Anderson Jr., BSEE	Olin K. Conley, MSEE	Jess F. Granone, BSEE
A. Frank Baca, BSCE	Thomas L. Cordell, MSME	Alan C. Green, MSME
Richard Andre Bachand, BSEE	Howard S. Cottrell, MSCE	Tommy Ray Guess, MSME
Warren J. Baker, PhD CE	Robert H. Croll, MSEE	Lulio V. Guevara-Rincon, BSEE
Walter H. Bare, BSChE	Thomas F. Crouse, BSChE	Benny A. Gutierrez, BSEE
Richard W. Beegle, MSME	Curtis G. Crum, BSEE	Donald L. Hanson, MSME
John L. Bidwell, BSME	John E. Custer, BSME	J. Donald Harper, MSNE
Robert T. Blanton, BSCE	John Walter Cutler II, BSEE	Valgene E. Hart, MSME
James O. Boardman, MSCE	Judson R. Davis Jr., BSME	Grover Joseph Hartman, BSME
Frank D. Bosiljevac, MSCE	Terry W. Delahunty, BSME	Ronald Ray Harvey, BSME
George Steve Bosiljevac, MSCE	Robert R. DeRusseau, MSNE	Preston B. Herrington Jr., MSEE
Michael James Bowen, BSChE	John Paul Dietz, BSEE	Hernan Henry Hirsch, MSME
John R. Breiland, BSEE	Kenneth H. Duerre, MSME	Melvin E. Hochhalter, BSEE
Frederick G. Broell Jr., BSEE	Virgil Lee Dugan, MSEE	James W. Hole, MSEE
Richard K. Brown, BSME	Gary D. Edmondson, BSEE	Robert A. Hoskins, BSEE
Glenn E. Burge, BSChE	Donald G. Eitzen, MSME	Jim Howard, BSChE
Kenneth A. Burnell, BSEE	Thomas F. Ezell, MSEE	Peter Paul Howell, BSChE
Thomas M. Cannon, BSChE	Donial Merrill Felton, BSChE	Norman F. Hunter Jr., MSEE
Carlos A. Carossino, BSEE	Ronald Lee Flury, MSME	James E. Hyland, MSEE
Daniel Carr, BSCE	Orvel D. Fogg, MSEE	Benjamin Garba Ishaku, MSEE
George P. Chalke Jr., BSEE	Don Eugene Fralick, BSME	Donald A. Jelinek, MSEE
Farook Y. Chandiwala, MSCE	William M. Frank, BSEE	Stephen C. Johnson, MSEE

# Golden Graduates

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John G. Kanellis, BSEE	Richard L. Newlin, BSEE	James A. Sladek, BSEE
L. Michael Kelly, BSME	Kenyon E. Nowotny, BSEE	James Edward Solberg, MSEE
Ned R. Keltner, MSME, PhD ME	Barry G. Nucci, BSChE	Clarence D. Sproul, BSEE
Edward D. Kist, MSME	Leonard John Otten III, BSME	Suzanna Summersgill, BSEE
John A. Knoll, BSCE	Charles Patrick Padilla, BSME	Daniel D. Syroid, MSEE
Richard G. Kobes, BSChE	David L. Preston, MSME	Arthur S. Tarro, BSEE
Edward A. Koerperich, BSEE	Robert S. Pritchard, MSME	Billy B. Taylor, BSEE
Robert J. Kopp, BSEE	Edwin Vestal Reece, BSME	Rodney S. Thurston, PhD ME
Emil J. Krejci, BSEE	Eric W. Reece, MSME	Robert H. Vaiden, BSEE
Ferdinand F. Kuhn, PhD ME	Gerald A. Reed, BSCE	Clinton H. Van Blaricum, BSME
Young Duck Kwon, PhD EE	Richard L. Rhorer, BSME	Edmond D. Van Doren, BSEE
Golden E. Lane Jr., BSCE	Albert Bo Rhudy, BSME	Anthony F. Veneruso, MSEE
Ronald W. Lasley, BSCE	Leonard R. Rice Jr., BSEE	John C. Vigil, PhD NE
Joseph D. Lee, MSNE	Bill M. Robson, BSEE	Bipin V. Vora, BSChE
Tony R. Legato, BSChE	Efren P. Rocha, BSME	Preecha Watanakunakorn, BSEE
Donald H. Lenhert, PhD EE	Donald E. Rothwell, BSEE	Roy C. Waters, BSCE
Chao-Hsiung Lin, MSME	William M. Sanders, MSNE	Charles B. Watkins Jr., MSME, PhD ME
Lynn D. Lucas, BSME	George L. Schulz, BSME	Michael J. Weix, MSCE
Phillip N. Mace, MSEE	Robert L. Schwartz, BSME	Jack H. Wells, BSEE
Roger J. Mattson, MSME	Gary J. Scrivner, MSNE, PhD NE	Carl L. Wheeler Jr., BSME
Philip R. McBride, BSCE	Gary L. Senseney, BSChE	Warren H. Wiemann, BSEE
Yogesh C. Mehta, MSCE	Virendra K. Sethi, BSChE	David M. Wilson, BSME
Leroy Carl Meyer, PhD EE	Barry P. Shafer, MSME	George A. Winkler, MSChE
Michael W. Milligan, BSME	Jagdish Shah, MSCE	Richard J. Wiseberg, BSChE
Stephen C. Mitchell, BSCE	Ramesh Shah, BSChE	Randall Robert Wooley, BSCE
Javier Monserrat, BSME	Ramnik Shamji Shah, BSChE	James T. Wynhoff Jr., BSEE
Robert M. Nelson Jr., BSEE	Paul S. Skabo, MSME	

# *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](http://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](mailto:degrees@unm.edu).



