

THE UNIVERSITY OF NEW MEXICO
SCHOOL OF ENGINEERING



SPRING CONVOCATION

MAY 9, 2015

Message from the Dean

To the Spring 2015 University of New Mexico School of Engineering Graduates

It is my pleasure to welcome all of you to the Spring 2015 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 style.

Joseph L. Cecchi
Dean, UNM School of Engineering

SPRING CONVOCATION

UNIVERSITY OF NEW MEXICO SCHOOL OF ENGINEERING

SATURDAY, MAY 9, 2015 • 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

Jack L. Fortner, *President*

Robert M. Doughty, *Vice President*

Lieutenant General Bradley C. Hosmer,
USAF (Ret.), *Secretary-Treasurer*

James H. Koch

Marron Lee

Suzanne Quillen

Heidi N. Overton, *Student Regent*

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Convocation Program

PROCESSIONAL

FACULTY MARSHAL

Steven Brueck, *Distinguished Professor of Electrical and Computer Engineering Emeritus*

BANNER CARRIER

Holly Meyer, *Department of Chemical and Biological 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

Julie Coonrod, *Dean, Graduate Studies*

M.S., Civil Engineering, '91

STUDENT SPEAKERS

Kimberly Martinez, *B.S., Chemical Engineering, '15*

Birk Jones, *Ph.D., Mechanical Engineering, '15*

PRESENTATION OF BREECE AWARD

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

Awardee: Regina Eckert, *B.S., Electrical Engineering, '15*

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*

Christopher D. Hall, *Chair, Department of Mechanical Engineering*

Michalis Faloutsos, *Chair, Department of Computer Science*

Jane Lehr, *Chair, Department of Electrical and Computer Engineering*

Mahmoud Reda Taha, *Chair, Department of Civil Engineering*

Gary Cooper, *Associate Professor, Department of Nuclear Engineering*

Abhaya Datye, *Chair, Department of Chemical and Biological Engineering*

FACULTY MARSHAL

Steven Brueck, *Distinguished Professor of Electrical and Computer Engineering Emeritus*

KEYNOTE SPEAKER

Julie Coonrod, *Dean, Graduate Studies*

M.S., Civil Engineering, '91

STUDENT SPEAKERS

Kimberly Martinez, *B.S., Chemical Engineering, '15*

Birk Jones, *Ph.D., Mechanical Engineering, '15*

Keynote Speakers

Julie Coonrod

M.S., Civil Engineering, '91

Giving an address at a graduation ceremony is nothing new for Julie Coonrod. The Albuquerque native and professor of civil engineering gave her Highland High School commencement address that was also held in the Pit.

It was in high school that she first developed a love for what would translate into a career in civil engineering.

“I loved drafting in high school, I loved math, and I loved working with things spatially,” she said.

She pursued her studies in civil engineering, earning a bachelor’s degree from Vanderbilt University. She then returned to Albuquerque to work full-time for a local consulting firm while earning her master’s at UNM. She contributed to designs of roads and storm water projects all over the state in addition to a few Rio Grande zoo projects. After consulting for five years, Julie went to the University of Texas at Austin, where she earned her Ph.D. in engineering.

Julie has been on the civil engineering faculty since 1996 and is the first woman to hold the rank of full professor in the department. She’s taught multiple undergraduate and graduate courses in hydrology and hydraulics. Her research has focused on issues relating to the Middle Rio Grande, including bosque evapotranspiration estimates, climate change impacts on stream flow, and the intersection of restoration and flood-control goals. She directed the hydraulics lab for 15 years, building physical models of storm water structures for the local flood control authority, the Department of Transportation, and the Army Corps of Engineers. She has served as principal investigator for over \$4 million in research with support from 15 different sponsors at the national, state, and local levels, and has participated in contracts totaling over \$10 million.

Since January 2013, Julie has been dean of graduate studies for UNM. The role gives her broad oversight for all graduate programs at UNM. While the role of dean takes her away from her research, she still teaches one graduate-level class: GIS in Water Resources, which typically has about 25 students, representing as many as eight different graduate programs.

“I feel that teaching makes me a better dean,” she said. “As dean, I feel like I can make a difference in graduate education. Our office is a gate-opener, not a gatekeeper, providing opportunities many students may not have otherwise.”

Julie is married to Paul, and they have two daughters, Alyssa, a junior majoring in exercise science at UNM, and Jessica, a high school sophomore.

In her spare time, she enjoys spending time with friends and family.



Student Speakers



Kimberly Martínez

B.S., Chemical Engineering, '15

Kimberly Martinez always was an excellent student, earning one of the highest GPAs in her Bernalillo High School class and now graduating with honors.

She has always persevered no matter what difficulties came her way. When times got tough, she worked full time while pursuing her high school diploma. After much consideration, Kimberly eventually chose to get her GED in 1990 and earned her associate's degree in paralegal studies. For over 10 years, she worked in that field, but moved on in 2004 to one become one of the highest-selling insurance agents in

Albuquerque. However, she knew that her calling had still not been reached.

“Nothing seemed to fit me,” she said. “You always have this drive pulling you forward, telling you to do more. Well, I planned to do more, and I wanted to show my kids that you can do anything, no matter how hard it may be.”

In 2010, Kimberly decided to return to her roots and pursue a bachelor's degree in chemical engineering, a dream she had since high school. Although getting back into the swing of school was difficult at first, she persevered. Since 2013, she has been working as an intern at Sandia, and she has several options for a full-time career in the chemical engineering industry.

Her advice to other first-generation college students like she once was?

“If you have a dream, stick with it, regardless of what obstacles you may have to overcome.”



Birk Jones

Ph.D., Mechanical Engineering, '15

Santa Fe native Birk Jones started out as a civil engineer, earning a bachelor's degree in the subject from the University of California – Davis, then worked as a civil engineer for two years in Boston, then two years in Lake Tahoe.

But in the course of working in the field, he discovered an interest in making buildings energy-efficient and decided to pursue that field more directly. He earned his master's degree in construction engineering from UNM, then switched into mechanical engineering for his Ph.D., where he was able to link up with local contractor

Yearout Mechanical, which paid for his doctoral studies. He also worked with Yearout and Andrea Mammoli, a UNM mechanical engineering professor, on making the UNM Mechanical Engineering Building more energy-efficient.

He is married to Shannon. His hobbies include fly fishing, skiing and riding his bike. He has started a postdoctoral researcher position at Sandia National Laboratories in the area of renewable energy and grid integration.

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.



Regina Eckert

B.S., Electrical Engineering, '15

Numbers have always been a big part of Regina Eckert's life. The Albuquerque native enjoyed math growing up, so she decided to major in math at UNM.

But once she got into the subject, she discovered she enjoyed applying numbers to real-life problems, so she switched into engineering.

"For me, electrical engineering was a good fit because it feels more mathematically-based, and I feel like I can make a difference with it.

I also like black-and-white photography, and studying photonics and optoelectronics is a great way to combine those interests."

Regina has especially enjoyed the lab time in engineering, working in both the Midinfrared Imaging and Characterization Applications lab at the Center for High Technology Materials and the cleanroom at the Manufacturing Training and Technology Center.

Since her freshman year, she has been an intern at Sandia National Laboratories, working now in the advanced-sensing area. She considers UNM's proximity to a national lab a prime benefit of UNM's engineering program. "Working at Sandia has given me a perspective on how a workplace actually functions, and it helped me figure out what I wanted to do," she said.

One of her most memorable times at UNM was studying abroad for six months in England before she transferred to engineering.

"It was cool to live somewhere different," she said. "I got to experience a different culture and hear different perspectives."

She has been a member of the student chapter of IEEE, a member of Eta Kappa Nu (the electrical engineering honor society), and is president of Tau Beta Pi, the engineering honor society.

In her free time, she enjoys reading, hiking, and snowboarding, as well as catching her favorite TV shows, *Walking Dead* and *Game of Thrones*.

Her advice to future students? "Do what you're interested in. I think engineering is a great choice because you can make a difference and apply what you know to practical problems."

Regina will begin pursuing her Ph.D. in electrical engineering this fall at the University of California – Berkeley.

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. The mace handle is connected to a machined aluminum cube with wood panels inscribed with the University Seal and "The School of Engineering 1906," the year the School was founded. The mace is crowned by a wooden sphere.



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 Computer Science Department 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 2,100 students in nine undergraduate degree programs and over 700 students in more than a dozen graduate degree programs. These degrees are offered through the School's five 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 Nuclear Engineering
Department of Chemical and Biological Engineering
Department of Civil Engineering
Department of Computer Science
Department of Electrical and Computer Engineering
Department of Mechanical 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.

Nuclear Engineering

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Farhod Bahritdinov ♦

Paul E. Gilbreath ♦

Jason G. Seik ♦

Phoenix Baldez

Matthew D. Grammes ♦

Candace K. Spore

Fenton L. Bowers ♦

Nathan H. Hart ♦

Arthur G. Tadiar ♦

Emory G. Brown ♦♦

Jose F. Lozada

Corey L. Vowell ♦

Mario D. Chaita ♦♦

Patrick F. O'Rourke ♦

Bryan J. Erdmann ♦♦♦

Danielle R. Redhouse

MASTER OF SCIENCE IN NUCLEAR ENGINEERING

Andrew E. Buchan

Lena E. Heffern

Joseph P. Templeton

Benjamin J. Cowen

David A. Pease

DOCTOR OF PHILOSOPHY IN ENGINEERING

Douglas G. Bowen

Richard R. Greco

Timothy M. Schriener

David A. Dixon

Edward L. Hobbs



Chemical and Biological Engineering

BACHELOR OF SCIENCE

Ian E. Addingtonluna ♦♦

Chanida Arirom

Isaac C. Avina

Lauren A. Baca

Erwin Beroncal

Victoria M. Carr ♦♦

Kimberly K. Childress ♦♦

Terrence J. Garcia

Nathan S. Hanrahan ♦♦♦

Matthew W. Jackson

Bhavish Khatri ♦♦

Elizabeth A. Lewis ♦

Alexandria E. Maciejewski

Joseph M. Martinez

Kimberly A. Martinez ♦

John A. Matteson

Taylor G. McGregor ♦♦

Claire F. Melo ♦♦♦

Gabriel Michaud Verreault ♦

Alex Mirabal

Danyelle C. Montalvo

Binaya Paudel ♦

Eric D. Romero ♦♦

Colin H. Sillerud

Lyndsay M. Stapleton ♦

Alexandria N. Tsosie

Genevieve L. Watt

MASTER OF SCIENCE

Caroline Bouvie

Sterling S. Olson

Monica A. Padilla

Briana M. Ramirez

DOCTOR OF PHILOSOPHY IN ENGINEERING

Angelica D. Benavidez

Kyle J. Solis



Civil Engineering

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Kevin T. Baumgartner	William D. Kessler	Nedra A. Murphy
Corey R. Bowen	Timothy D. Lynn	Antonio Nunez Tovar*♦
Alexandrea M. Dodge	Francesco G. Martinez	Joel Porras
Juan C. Dominguez	Caleb D. Mason	Armando Soto
Santana J. Garcia-Chang	Eric A. Michalski	Rafael J. Tapaha
Jacob D. Gurule	Adrian J. Mora Delgado	Maxwell C. Terry ♦♦
Erika Hernandez Hernandez ♦♦	Timothy S. Moya	Luis C. Varela Avila

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT

Calvert G. Albert	Taylor J. Koch	Colton J. Treharn
Alexander M. Garcia	Victor P. Mace*	Albert C. Villescás ♦♦
Rueven T. Jim	Logan B. Pflibsen	

MASTER OF SCIENCE IN CIVIL ENGINEERING

Aubrey Celia Eckert-Gallup*	Adrienne A. Martinez	Natalia M. Sanabria Andino
Steven P. Gomez*	Matias M. Mendez Larrain*	Magdalena A. Sims*
Cameron J. Herrington	Michelle D. Miller*	

MASTER OF ENGINEERING

Sepp Fuierer
Matthew K. Raymer

DOCTOR OF PHILOSOPHY IN ENGINEERING

Mark A. Harris*

*Summer 2015 Graduates ♦cum laude ♦♦magna cum laude ♦♦♦summa cum laude

Computer Science

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Jade A. Archuleta	Ana N. Donaldson ♦♦	Vivek M. Ramadoss ♦♦♦
Michael D. Asplund	Eric J. Geusz	Matthew D. Smith
Matthew B. Bonilla	Aaron J. Harrington	Ezra Stallings ♦♦♦
Brandon M. Contreras	Robert P. Herbertson	
David M. Daily ♦	Benjamin A. Mixon-Baca	

MASTER OF SCIENCE IN COMPUTER SCIENCE

Geoffrey I. Alexander	Bhavya Gona	Anvesha Palapati
Saeed R.Y. Badran	Jacob Hobbs	Jun Peng
Tonya Mariko Brunetti	Ganesh Reddy Jakka	Matthew G. Peterson
Daniel De Francisco Cabral	Shiva Hima Satwick Janapati	Nathan P. Rieb
Dean D. Dominguez	Dinesh K. Kasireddy	Karl A. Stolleis
John C. Ericksen	Brady R. Key	April N. Suknot
Antonio M. Espinoza	Matthew Adrien Letter	Lin Sun
Tatiana P. Flanagan	Shravya Reddy Machanna	Christopher J. Symonds
Christopher J. Fleschute	Manasa Navada Tenkanidiyur	Daniel W. Waybright
Zachary D. Friedland	Lucas L. Nunno	Geetha Yedida

DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

Mustafa S. Cetin	Daniel Andres Riofrio Almeida	George W. Saad †
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Electrical and Computer Engineering

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

Jarrett Lane Decker	Joseph C. Hilland	Nicole Marie Shaw
Seth A. Decker ♦♦	Jeffrey Love	Cody Wayne Shell
Shannon C. Gallagher ♦♦♦	Luan Tien Nguyen	Luis A. Valenzuela ♦
Creighton A. Glenn ♦	Edward Louis Sadzewicz	Jaclynn Javonna Wakley ♦
James Richard Hemsing ♦	Steven T. Seppala	

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Marcos A. Archuleta	Jonathan Michael Gallegos ♦♦	Jorge Romero ♦♦
Douglas Andrew Bejos	Luis S. Garcia	Patrick J. Roney ♦♦
Felicia Jean Bennett	Patrick David Gee	Miguel Sanchez
Nicholas Adam Boynton	Julian James Goree	Stephen Ray Schultz ♦♦♦
Gerardo Fabian Cano ♦♦	Ryan W. Herman	Andrew J. Scruggs
Adrian Enrique Coronado	Justin D. Johnston ♦	Patrick M. Segura
Maxwell Kurtis Cotton ♦	Zachary J. Joseph	Joshua Lynn Stewart
Callie J. Darsey ♦♦♦	Thomas Andrew Lewis	Alan Kraig Storey
Tara A. Dennison	Saul Macias	Isaac Edward Stricklin ♦♦♦
Waynetta J. Dennison	Jonathon S. Maestas	Jimmy R. Stricklin ♦
Bryson H. Dillon	John G. Maynard	David M. Waschezyn
Connor Ryan Dolan ♦	Clayton J. Merritt	Matthew S. White
Regina Frances Eckert ♦♦♦	Scott Nissen	Stuart Johnson Wichman
Juan Jose Faria Briceno ♦♦	Teana D. Page	Daniel Edward Wimmer ♦♦
Ryan M. Fenn	Neelofar Qasmi	



MASTER OF SCIENCE IN COMPUTER ENGINEERING

Salma Ahmed	Marco Antonio Espinoza Sanchez	Hema Latha Pavuluri*
Mustafa Abdullah Hussein Al Mashhadani*	Matthew Stephen Foiles	Krishna Ashok Poddar
Husain Al Yusuf*	Paul F. Groves	Shaibal Shovon Saha
Andrew Paul Delgado	Yuxing Lin*	Akshay Sudhir Vaidya*

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Lloyd Pascual Alejo	Rafael Alberto Figueroa	Christopher A. Valleau
Andrew Anthony Aragon	Raymond A. Haltli	Rajesh Vasireddy
Brian S. Arellano	Miguel Diego Leyba	Cebastian G. Westrom
Katherine Patricia Belvin	Nicholas Scott Provencher	Tyler W. Wynkoop
Lilian K. Casias	Mohammad Irtza Rana*	Yiyang Zhong
Preyom Kanti Dey	Babak Sarlati	
Matthew Kelly Erdman	Santiago B. Sena	

DOCTOR OF PHILOSOPHY IN ENGINEERING

ELECTRICAL ENGINEERING

Shahin Abdollahy Boroojeni	Georges El Howayek
Colin Stuart Adams	Sebastian Eugenio Godoy
Feng Cheng	John Anthony Montoya

COMPUTER ENGINEERING

Edward John Nava
Craig M. Vineyard
Tao Zhang



Mechanical Engineering

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Richard A. Abraham ♦♦	John A. Gibson	Stephanie L. Ober ♦♦
Joshua L. Allison*	Michael G. Griswold	Steven C. Otero
Nelson G. Amaya	Vincent M. Guenther	Benjamin W. Rogers
Lorenzo J. Anaya	Roland C. Guevara	Kurt T. Schneider †
Christian A. Baca †	Andrew W. Harvey	Craig W. Smith
Mark A. Bachicha †	Kevin G. Hinds	Nicholas B. Smith
Joshua R. Begay*	William P. Jessen	Lance M. Spencer
Lauren E. Bustamante ♦♦	Isaac S. Klickstein	Brian L. Stevens
Jarred P. Caldwell †	Scot M. Krubsack*	Dillon P. Troncoso
Dexter E. Dee	Samantha Lemon ♦♦	Clark A. Weber
Preston J. Edwards	Steven C. Lockyer	Daniel J. Wermer
David J. Flores ♦♦	Elias S. Lopez	Randy G. Williams †
Benjamin T. Fuller	Guillermo A. Mata †	
Matthew J. Garcia †	Jacquelyn R. Moore ♦♦	

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Kyle A. Barr	Jon-Claude Leger	Sloan H. Pearsall
Lucas E. Chavez*	Nicholas J. Martinez	Andrew B. Porteous*
Gregory M. Flint*	Donald R. Mercer	Dionicio F. Rios
Alfred Flores	Andrew W. Murphy	Matt N. Robinson
Christopher M. Gustafson	Gregory M. Naranjo	Justin D. Simpson
Robert D. Habbit	Jesse W. Nord	Albert A. Ybarra
Karen I. Hutchins*	Jacob D. Ortiz	



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

*Summer 2015 Graduates

†Graduating with Distinction

MASTER OF ENGINEERING IN MANUFACTURING ENGINEERING

Anirudh V. Kannan**

DOCTOR OF PHILOSOPHY IN ENGINEERING

Seyedhamidreza Alaie

Ryan D. Jamison †

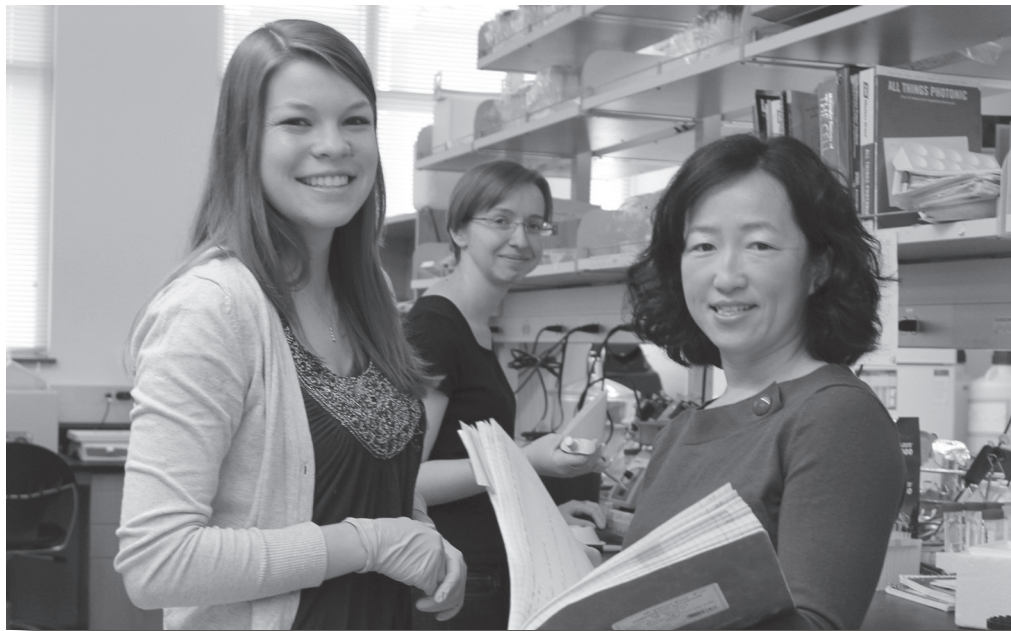
Dell T. Olmstead*

Damon J. Burnett

Birk Jones †

Mohammadhosein Ghasemi
Baboly

Jianwei Ju



*Summer 2015 Graduate

**Summer 2013 Graduate

†Graduating with Distinction

INTERDISCIPLINARY PROGRAMS

Biomedical Engineering

MASTER OF SCIENCE IN ENGINEERING

Jennifer M. Fetzer

Greg A. Soliz

Travis A. Woods

Nanoscience and Microsystems

MASTER OF SCIENCE IN NANOSCIENCE AND MICROSYSTEMS

Sherif Hassan Abdelkader
Aboubakr*

John Paul Jones*

Mario Jerome Paz

Joan Lynn Loughrin*

Brittany Rafaela Hoard*

Duncan Wallace McClure*

DOCTOR OF PHILOSOPHY IN NANOSCIENCE AND MICROSYSTEMS

Leisha Marie Armijo*

Vincent M. Cowan

Eric Jeri Jon Martin

Francisco Martin Benito*

Mark Edward Fleharty†

Jamin Ryan Pillars*

Optical Science and Engineering

MASTER OF SCIENCE IN OPTICAL SCIENCE AND ENGINEERING

Fei Hung Chu

Md. Mottaleb Hossain*

Zahra Taghipour*

Farzin Farzam*

Zengming Jiang

Chih Feng Wang

Nathan Giannini

Ahmad Mansoori

Yeja Xu

James P. Hendrie

Shima Nezhadbadeh

Ruichao Zhu

DOCTOR OF PHILOSOPHY IN OPTICAL SCIENCE AND ENGINEERING

Rakesh Kumar

Zhanliang Sun

Chia Yeh Li*

Chengao Wang*

*Summer 2015 Graduates

†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 1965

Joseph O. Amode, MSME	Richard L. Carey, BSEE	Raymond W. Harrigan, BSCHE
Terry L. Anna, BSEE	Harold T. Cates, MSEE	Stuart Harroun Jr., BSEE
Darrell L. Ashe, BSEE	Wu-Show Chou, MSEE	John M. Harryman, BSCHE
Kenan Atakol, MSCE	Charles M. Cole, BSME	William D. Harwood Sr., BSEE
Charles E. Bacchus, BSCE	Charles M. Cope, BSME	G. Michael Heck, MSEE
Nelson T. Ball, BSEE	Guillermo L. Cortes, BSCE	Richard A. Hernquist, MSEE
Charles A. Bankston Jr., PhD ME	Satish U. Dadia, BSCHE	Richard F. Himebrook, BSEE
Robert V. B. Baron, MSEE	Richard Gary Daniels, BSEE	William H. Hodge, MSEE
Theodore Barry, BSEE	Clifford A. Danielson, BSEE	David F. Holmes, BSEE
Robert Alan Benham, MSME	Robert K. Dawson, BSCE	Clarence J. Howard, MSEE
John R. Benton, BSEE	Albert W. Dennis, MSCE	Earl G. Huffman, BSCE
James Clair Berger, BSME	Duane L. DeWerff, MSEE	William C. Hughes, MSCE
James S. Bier, MSEE	Luis D. Duffy, BSCE	Mitchael R. Kaehr, BSCHE
James D. Bishop, BSCE	John L. Duncan, MSEE	Wallace E. Kee, BSME
William E. Blair, PhD EE	Sari Faiz T, Faruki, BSCE	David R. Kendall, MSEE
David B. Blake, BS ArchE	Louis V. Feltz, MSME	Thomas R. Kincheloe, BSCE
Barry A. Bodhaine, MSEE	Malcolm R. Fisher, MSEE	Jacob A. Krommenhock, BSEE
William C. Boede, BSME	Donald L. Fritsch, BSME	John D. Kusianovich, BSME
Leland H. Bowen, BSEE	Robert G. Fulton, MSCE	Kenneth J. Kutac, MSEE
Robert Curtis Bower, BSCHE	Thomas R. Gardner, MSEE	Lloyd T. Lamb, BSEE
Robert I. Brasier, PhD ME	Ben Douglas Gay, BSME	Paul W. Lashbrooke, BSCHE
Daniel P. Brennand, BSEE	Richard W. Geer Jr., BSEE	Hershel S. Lung, MSEE
Floyd Dixon Bresenham, BSEE	John M. Giger, MSCE	Curtis F. Lunsford Jr., BSEE
David Roger Brosman, BSCE	Edward E. Godin, BSEE	Eli Maestas, BSME
Richard V. Browning, MSME	Arthur C. Golubiewski, MSEE	Lee Stafford Mairs, BSEE
David Aaron Bruce, BSCHE	Don Diego Gonzalez, MSCE	James P. Martin, MSEE
Michael K. Bumgardner, MSEE	James E. Gover, MSEE	Edward L. McCausland, BSME
Richard L. Burton, BSCE	Alex R. Griego, BSCE	James A. McCurdy, BSME
Gerald D. Cain, MSEE	Erno Michael Hanz, BSEE	Paul Gerald Meyer, BSCE
Kenneth S. Campbell, BSME	Charles P. Harman, BSEE	Anthony S. Mixer, BSCE

Arvind P. Mody, BSCE	Andres C. Salazar, MSEE	Athey C. Stutler Jr., BSCHE
Bill M. Moore, MSNE	Clark P. Sanger, MSCE	Richard D. Sutton, BSEE
Alexander H. Murchison III, BSCE	Nick D. Schaefer, BSEE	Harley Howard Swink, BSME
Carl G. Murphy, MSEE	John D. Schroder, BSEE	Richard F. Tackett, BSEE
Robert L. Mushen, MSCE	Victor E. Schulze Jr., MSEE	Kirk D. Thompson, BSEE
Robert L. Nagel, MSEE	Lawrence S. Schwartz, MSEE	William E. Thompson, MSEE
James F. Ney, MSEE	Larry Oliver Seamons, MSME	Benjamin E. Thurston, BSEE
Julian S. Nichols, MSEE	Blynn D. Shafer, MSEE	Thomas C. Tillotson, MSEE
David M. Niese, BSCE	William T. Shenton, BSEE	David H. Toy, BSEE
Dwight Elvin Nunn Jr., BSME	William W. Shurtleff, BSEE	Thomas Miles Underhill, BSCE
Richard S. Parodi, BSME	John Adam Shuster, BSCE	Samuel G. Varnado, MSEE
Ramesh Patel, BSCHE	James E. Silva, BSME	Edward E. Vigil, BSCHE
Julio C. Patino, BSME	David G. Skogmo, MSEE	Hugh D. Wade, PhD EE
Patrick F. Phelan, BSCHE	Delvin D. Smejkal, BSME	William A. Welck, BSEE
Orren T. Pickard Jr., MSEE	Fidel T. Smith, MSCE	Gary L. West, MSEE
Gary C. Pratt, BSCE	Paul H. Smith, BSEE	Ronald E. West, BSEE
Nick C. Preketes, BSEE	Robert Solenberger, BSCHE	David E. White, BSCHE
Carl B. Raglin, BSCE	Albert Milo Stephens, BSME	Walter L. Willis, MSEE
Richard M. Reiff, BSEE	Donald E. Sterling, MSCE	Scotty A. Wilmeth, BSCHE
Ronald R. Reynolds, MSEE	Edward Earl Stokes Jr., BSME	Koichi L. Wong, BSCE
Ib Allan Rikhof, BSCHE	George D. Stone, BSME	
James P. Rybak, MSEE	James Morgan Strickland, MSEE	



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.



