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.

Joseph L. Cecchi
Dean, 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
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
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.
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.

Kimberly Martínez
B.S., Chemical Engineering, '15

Kimberly Martínez 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

B. S., Chemical Engineering, '15
Ph. D., Mechanical Engineering, '15
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 •
Phoenix Baldez
Fenton L. Bowers •
Emory G. Brown ••
Mario D. Chaita ••
Bryan J. Erdmann •••
Paul E. Gilbreath •
Matthew D. Grammes •
Nathan H. Hart •
Jose F. Lozada
Patrick F. O'Rourke •
Danielle R. Redhouse

Jason G. Seik •
Candace K. Spore
Arthur G. Tadiar •
Corey L. Vowell •

Master of Science in Nuclear Engineering

Andrew E. Buchan
Benjamin J. Cowen
Lena E. Heffern
David A. Pease

Joseph P. Templeton

Doctor of Philosophy in Engineering

Douglas G. Bowen
David A. Dixon
Richard R. Greco
Edward L. Hobbs

Timothy M. Schriener

• cum laude  •• magna cum laude  ••• summa cum laude  † Graduating with Distinction
Chemical and Biological Engineering

BACHELOR OF SCIENCE

Ian E. Addingtonluna •
Channel Atriom
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

•cum laude   ••magna cum laude   •••summa cum laude   †Graduating with Distinction
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. Villescas ***  
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  Shrawya 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 †

•cum laude ••magna cum laude •••summa cum laude †Graduating with Distinction
Electric and Computer Engineering

Bachelor of Science in Computer Engineering

Jarrett Lane Decker
Seth A. Decker •
Shannon C. Gallagher ••
Creighton A. Glenn •
James Richard Hemsing •

Joseph C. Hilland
Jeffrey Love
Luan Tien Nguyen
Edward Louis Sadzewicz
Steven T. Seppala

Nicole Marie Shaw
Cody Wayne Shell
Luis A. Valenzuela •
Jaclynn Javonna Wakley •

Bachelor of Science in Electrical Engineering

Marcos A. Archuleta
Douglas Andrew Bejos
Felicia Jean Bennett
Nicholas Adam Boynton
Gerardo Fabian Cano ••
Adrian Enrique Coronado
Maxwell Kurtis Cotton •
Callie J. Darsey •••
Tara A. Dennison
Waynetta J. Dennison
Bryson H. Dillon
Connor Ryan Dolan •
Regina Frances Eckert •••
Juan Jose Faria Briceno ••
Ryan M. Fenn

Jonathan Michael Gallegos ••
Luis S. Garcia
Patrick David Gee
Julian James Goree
Ryan W. Herman
Justin D. Johnston •
Zachary J. Joseph
Thomas Andrew Lewis
Saul Macias
Jonathon S. Maestas
John G. Maynard
Clayton J. Merritt
Scott Nissen
Teana D. Page
Neelofar Qasmi

Jorge Romero ••
Patrick J. Roney ••
Miguel Sanchez
Stephen Ray Schultz •••
Andrew J. Scruggs
Patrick M. Segura
Joshua Lynn Stewart
Alan Kraig Storey
Isaac Edward Stricklin •••
Jimmy R. Stricklin •
David M. Waschezyn
Matthew S. White
Stuart Johnson Wichman
Daniel Edward Wimmer ••

*Summer 2015 Graduates •cum laude ••magna cum laude •••summa cum laude
**MASTER OF SCIENCE IN COMPUTER ENGINEERING**

Salma Ahmed  
Mustafa Abdullah Hussein  
Al Mashhadani*  
Husain Al Yusuf*  
Andrew Paul Delgado

Marco Antonio Espinoza Sanchez  
Matthew Stephen Foiles  
Paul F. Groves  
Yuxing Lin*

**Hema Latha Pavuluri***  
**Krishna Ashok Poddar**  
**Shaibal Shovon Saha**  
**Akshay Sudhir Vaidya†**

**MASTER OF SCIENCE IN ELECTRICAL ENGINEERING**

Lloyd Pascual Alejo  
Andrew Anthony Aragon  
Brian S. Arellano  
Katherine Patricia Belvin  
Lilian K. Casias  
Preyom Kanti Dey  
Matthew Kelly Erdman

Rafael Alberto Figueroa  
Raymond A. Haltli  
Miguel Diego Leyba  
Nicholas Scott Provencher  
Mohammad Irtza Rana*  
Babak Sarlati  
Santiago B. Sena

**Christopher A. Valleau**  
**Rajesh Vasireddy**  
**Cebastian G. Westrom**  
**Tyler W. Wynkoop**  
**Yiyang Zhong**

**DOCTOR OF PHILOSOPHY IN ENGINEERING**

**ELECTRICAL ENGINEERING**

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
<th>Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shahin Abdollahy Boroojeni</td>
<td>Georges El Howayek</td>
<td>Edward John Nava</td>
</tr>
<tr>
<td>Colin Stuart Adams</td>
<td>Sebastian Eugenio Godoy</td>
<td>Craig M. Vineyard</td>
</tr>
<tr>
<td>Feng Cheng</td>
<td>John Anthony Montoya</td>
<td>Tao Zhang</td>
</tr>
</tbody>
</table>

**COMPUTER ENGINEERING**

<table>
<thead>
<tr>
<th>Name</th>
<th>Advisor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edward John Nava</td>
<td></td>
</tr>
<tr>
<td>Craig M. Vineyard</td>
<td></td>
</tr>
<tr>
<td>Tao Zhang</td>
<td></td>
</tr>
</tbody>
</table>

*Summer 2015 Graduates  †Graduating with Distinction
Mechanical Engineering

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Richard A. Abraham ••• John A. Gibson
Joshua L. Allison* Michael G. Griswold
Nelson G. Amaya Vincent M. Guenther
Lorenzo J. Anaya Roland C. Guevara
Christian A. Baca • Andrew W. Harvey
Mark A. Bachicha • Kevin G. Hinds
Joshua R. Begay* William P. Jessen
Lauren E. Bustamante ••• Isaac S. Klickstein
Jarred P. Caldwell • Scot M. Krubsack*
Dexter E. Dee Samantha Lemon •••
Preston J. Edwards Steven C. Lockyer
David J. Flores ••• Elias S. Lopez
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
Damon J. Burnett
Mohammadhosein Ghasemi Baboly

Ryan D. Jamison †
Birk Jones †
Jianwei Ju

Dell T. Olmstead*

*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
Brittany Rafaela Hoard* Joan Lynn Loughrin*
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 Yejia Xu
James P. Hendrie Shima Nezhadbedeh 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

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

20
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.