

PRINCETON  
UNIVERSITY  
The Graduate School

# Hooding Ceremony



THE GRADUATE SCHOOL

Monday, the Third of June  
Two Thousand Thirteen

# About the Hooding Ceremony

The colorful gowns and hoods worn as part of the traditional regalia at American academic ceremonies had less glamorous origins — a heavy woolen gown and hood being necessities in the cold halls of medieval European universities. But at least by the time of the Renaissance, academic gowns and hoods began to distinguish scholars by rank and degree, and to bear colorful marks of institutional affiliations. In the New World, distinctive formal academic garb began with the founding of Harvard College in 1636.

American scholars had close ties to the great German universities in the late 19th century, and the brilliant display of academic regalia at the 500th anniversary of the University of Heidelberg in 1886 — as well as at Harvard's 250th in the same year and Princeton's own Sesquicentennial in 1896 — encouraged a growing interest in academic ceremony and costume. In 1893, Princeton took the lead in establishing a code for U.S. academic attire; Princeton Trustee Colonel John James McCook's 1894 intercollegiate statutes continue in force today almost without alteration.

Hoods embody the most important symbolism, and distinguish the wearer by both rank and academic discipline. Masters' hoods are generally shorter by one foot than doctors'. Each is bordered by a velvet band in the color assigned to the discipline in which the degree is granted. The colors you see this evening are blue for philosophy (as in doctor of philosophy, or "Ph.D."), peacock blue for public affairs, orange or yellow for engineering, white for arts and letters, brown for architecture, and light brown for finance. The lining of each hood bears the degree-granting university's own colors — at Princeton, orange with a black chevron, colors adopted by the undergraduate Class of 1869 since William III of the House of Nassau, in whose honor the University's first building was named, was also Prince of Orange.

While Princeton's Graduate School was formally established in 1900, graduate education at the University dates back to the institution's earliest days, and doctoral degrees were awarded beginning in the late 19th century. This is the 20th year of the Hooding ceremony honoring advanced degree recipients.

# Order of Exercises

## Prelude and Processional

The audience will please rise when the Chief Marshal enters.

## The Academic Procession

Douglas W. Clark

*Professor of Computer Science, Chief Marshal for University Convocations*

### Candidates for Advanced Degrees

Doctor of Philosophy

Master of Architecture

Master of Science in Engineering

Master in Finance

Master in Public Affairs

Master in Public Policy

Karen Y. Jackson-Weaver '94

*Associate Dean for Academic Affairs and Diversity*

Anthony Fiori \*03

*President of the Association of Princeton Graduate Alumni*

Carol A. Porter

*Director of the Harold W. McGraw Center for Teaching and Learning*

### Recipients of the Graduate Mentoring Award

Cole M. Crittenden \*05

*Associate Dean for Academic Affairs*

Cecilia E. Rouse

*Lawrence and Shirley Katzman and Lewis and Anna Ernst Professor in the Economics of Education; Professor of Economics and Public Affairs; Dean of the Woodrow Wilson School of Public and International Affairs*

H. Vincent Poor \*77

*Michael Henry Strater University Professor of Electrical Engineering; Dean of the School of Engineering and Applied Science*

Alejandro Zaera-Polo

*Professor of Architecture; Dean of the School of Architecture*

Sheryl WuDunn \*88

*Entrepreneur and Author*

William B. Russel

*A.W. Marks '19 Professor of Chemical and Biological Engineering; Dean of the Graduate School*

Shirley M. Tilghman

*Professor of Molecular Biology; President of the University*

## Welcome

William B. Russel  
Shirley M. Tilghman

## Hooding Remarks

Sheryl WuDunn

## Presentation of Candidates for Master's Degrees

Douglas W. Clark  
William B. Russel

FOR THE MASTER OF ARCHITECTURE  
Alejandro Zaera-Polo

FOR THE MASTER OF SCIENCE IN ENGINEERING  
H. Vincent Poor

FOR THE MASTER IN FINANCE  
Karen Y. Jackson-Weaver

FOR THE MASTER IN PUBLIC AFFAIRS  
AND THE MASTER IN PUBLIC POLICY  
Cecilia E. Rouse

## Presentation of Graduate Mentoring Awards

Carol A. Porter

## Presentation of Candidates for the Doctor of Philosophy

Cole M. Crittenden  
Douglas W. Clark  
William B. Russel

## Greetings from the Association of Princeton Graduate Alumni

Anthony Fiori

## Closing

## Recessional and Postlude

The audience will please remain in place  
until the academic procession is completed.

# Graduate Mentoring Awards

The Graduate School and the Harold W. McGraw Center for Teaching and Learning annually recognize four faculty members, one from each of the major academic divisions of the University, for their exceptional work as mentors to graduate students at Princeton. Current and former students nominate faculty for these awards, and recipients are chosen by a committee of faculty and graduate students.

## HUMANITIES

Gideon A. Rosen

*Stuart Professor of Philosophy*

## SOCIAL SCIENCES

Viviana A. Zelizer

*Lloyd Cotsen '50 Professor of Sociology*

## NATURAL SCIENCES

Alison E. Gammie

*Senior Lecturer in Molecular Biology*

## ENGINEERING

Michael C. McAlpine

*Assistant Professor of Mechanical and Aerospace Engineering*

# Advanced Degrees

## Master of Architecture

DEGREE AWARDED  
6 APRIL 2013

Nikole Renee Bouchard, *Architecture*  
Qianqian Cai, *Architecture*  
Ivi Diamantopoulou, *Architecture*  
Ornnicha Duriyaprapan, *Architecture*  
Jaffer Abbas Kolb, *Architecture*  
François Leininger, *Architecture*  
Griffin Victor Ofiesh, *Architecture*

DEGREE AWARDED  
4 JUNE 2013

Matthew Lewis Bertsch, *Architecture*  
Aleksandr Michael Bierig, *Architecture*  
Willem Edward Boning, *Architecture*  
Jane Feng Ci Chua, *Architecture*  
Laura Isabel Eteddgui, *Architecture*  
Griffin James Frazen, *Architecture*  
Julianne Gola-Papa, *Architecture*  
Ryan Luke Johns, *Architecture*  
Anna Sophia Knoell, *Architecture*  
Michal Andrzej Koszycki, *Architecture*  
Nasra Gahousson Nimaga, *Architecture*  
Cyrus Jon Penarroyo, *Architecture*  
Anika Rachel Schwarzwald, *Architecture*  
Jesse Tyler Seegers, *Architecture*  
Trudy Anne Watt, *Architecture*  
Antonia Ricarda Franziska Weiss,  
*Architecture*  
Mei Lun Xue, *Architecture*

## Master of Science in Engineering

DEGREE AWARDED  
22 SEPTEMBER 2012

Oren Jonathan Breslouer, *Mechanical and Aerospace Engineering*  
Minjin Lee, *Civil and Environmental Engineering*  
Ryan Michael Sullenberger, *Mechanical and Aerospace Engineering*  
John C. Valentino, *Operations Research and Financial Engineering*

DEGREE AWARDED  
17 NOVEMBER 2012

Hwanho Kim, *Mechanical and Aerospace Engineering*

DEGREE AWARDED  
26 JANUARY 2013

Jeremy A. Koch, *Mechanical and Aerospace Engineering*  
Talal Rasin Mufti, *Operations Research and Financial Engineering*

DEGREE AWARDED  
6 APRIL 2013

Madeline Lu, *Electrical Engineering*

DEGREE AWARDED  
4 JUNE 2013

Dushyant Arora, *Computer Science*  
Mark Robinson Browning, *Computer Science*  
Carolyn Tin Chou, *Civil and Environmental Engineering*  
Alyse Marie Egnor, *Civil and Environmental Engineering*  
Dena Allyson Feldman, *Civil and Environmental Engineering*  
Arpan K. Ghosh, *Computer Science*  
Yinzhen Jin, *Civil and Environmental Engineering*  
Alexander David Weigert Jordan, *Civil and Environmental Engineering*  
Sasha Koruga, *Computer Science*  
Siyu Liu, *Computer Science*  
Nayden Angelov Nedev, *Computer Science*  
Tobechukwu Nwanna, *Computer Science*  
Diego Perez Botero, *Computer Science*  
Michael David Roussel, *Civil and Environmental Engineering*  
Alexander Salazar, *Civil and Environmental Engineering*  
Hassan Shapourian, *Electrical Engineering*  
Qiushi Zhang, *Civil and Environmental Engineering*

## Master in Finance

DEGREE AWARDED  
4 JUNE 2013

Dhruv Agrawal, *Finance*  
Kapil Agrawal, *Finance*  
Salman Hameed Baig, *Finance*  
Jiawei Chen, *Finance*  
Yijie Chen, *Finance*  
Wenjun Er, *Finance*  
Jeremie Frederic Fischer, *Finance*  
Samy Jazaerli, *Finance*

Yoke Suen Kan, *Finance*  
Jungsoo Kim, *Finance*  
Michael David Kraus, *Finance*  
Alp Kutlualp, *Finance*  
Van Trieu Le, *Finance*  
Jonathan Richu Lin, *Finance*  
Oriol Lozano Carbassé, *Finance*  
Chuwei Mao, *Finance*  
Christian Massion, *Finance*  
Eugene Nagirner, *Finance*  
William Wei Qian, *Finance*  
Gabriela Chueke Rochlin, *Finance*  
Chihiro Seko, *Finance*  
Joseph Shippee, *Finance*  
Xavier Paul Axel Sisso, *Finance*  
Marc Herve Tchuente Namtchueng,  
*Finance*  
Jean-Marin Gerard Ursch, *Finance*  
Fanrong Wang, *Finance*  
Jiayang Wang, *Finance*  
Qiong Wang, *Finance*  
Shuting Wei, *Finance*  
Christopher Ward Whitbeck, *Finance*  
Lin Xu, *Finance*

## Master of Arts in Near Eastern Studies

DEGREE AWARDED  
4 JUNE 2013

Alexandra Buckley, *Near Eastern Studies*  
Katie Maryam Manbachi, *Near Eastern Studies*

## Master in Public Affairs

DEGREE AWARDED  
4 JUNE 2013

Ayokunle Ayodeji Abogan, *Woodrow Wilson School*  
Ayaz Achakzai, *Woodrow Wilson School*  
Ashok Ayyar, *Woodrow Wilson School*  
Vera Bersudskaya, *Woodrow Wilson School*  
Laura Fay Blumenthal, *Woodrow Wilson School*  
Shannon Marie Brink, *Woodrow Wilson School*  
Jennifer Bianca Browning, *Woodrow Wilson School*  
Jean Marie Callan, *Woodrow Wilson School*

Sebastian Chaskel, *Woodrow Wilson School*  
Logan Richards Clark, *Woodrow Wilson School*  
Cheryl Rebecca Cooper, *Woodrow Wilson School*  
Megan Elizabeth Corrarino, *Woodrow Wilson School*  
Marco Issac De Leon, *Woodrow Wilson School*  
Stephanie Lynn Durden, *Woodrow Wilson School*  
Jane Elizabeth Tavelli Farrington, *Woodrow Wilson School*  
Camilo Forero, *Woodrow Wilson School*  
Kenneth George Gardner, *Woodrow Wilson School*  
Emily Louise Garin, *Woodrow Wilson School*  
Harrison Taylor Godfrey, *Woodrow Wilson School*  
Marjorie May Haight, *Woodrow Wilson School*  
Laura Ashley Krise Hanson, *Woodrow Wilson School*  
Kimberly NiCole Harris, *Woodrow Wilson School*  
Elizabeth Marie Hoody, *Woodrow Wilson School*  
Christopher David Johnson, *Woodrow Wilson School*  
Daniel P. Joyce, *Woodrow Wilson School*  
Naoaki Kashiwabara, *Woodrow Wilson School*  
Brett Keller, *Woodrow Wilson School*  
Evan Robert LeFlore, *Woodrow Wilson School*  
Juan Jose Leguia, *Woodrow Wilson School*  
Ezra Philip Levin, *Woodrow Wilson School*  
Shelly Marie Lyser, *Woodrow Wilson School*  
Chad Phillip Maisel, *Woodrow Wilson School*  
Mark Adam Marge, *Woodrow Wilson School*  
Carlos Márquez Padilla Casar, *Woodrow Wilson School*  
Samantha Sauny Mignotte, *Woodrow Wilson School*  
Hassan Noura, *Woodrow Wilson School*

Joshua Ryan Owens, *Woodrow Wilson School*  
Angel Rafael Padilla, *Woodrow Wilson School*  
Maria Cristina Mia Parker, *Woodrow Wilson School*  
Francisco de Jesus Perez, *Woodrow Wilson School*  
Anna Elizabeth Phillips, *Woodrow Wilson School*  
Caitlin J. Pierce, *Woodrow Wilson School*  
Roberto Pitea, *Woodrow Wilson School*  
Elizabeth M. Ramey, *Woodrow Wilson School*  
Sarah E. Ray, *Woodrow Wilson School*  
Gregory Ellis Rosalsky, *Woodrow Wilson School*  
Robert Crosby Rosenbaum, *Woodrow Wilson School*  
Uri Sadot, *Woodrow Wilson School*  
Daniel Aguirre Sanchez, *Woodrow Wilson School*  
Sarah Jean Schleck, *Woodrow Wilson School*  
Madhurita Sengupta, *Woodrow Wilson School*  
Jesse Singal, *Woodrow Wilson School*  
Laura Elizabeth Singer, *Woodrow Wilson School*  
Julia Blau Spiegel, *Woodrow Wilson School*  
Cara Nicole Stepanczuk, *Woodrow Wilson School*  
Luke Swarthout, *Woodrow Wilson School*  
Laura Lee Tatum, *Woodrow Wilson School*  
Beza Tesfaye, *Woodrow Wilson School*  
Gloria Twesigye, *Woodrow Wilson School*  
Wamiq Umaira, *Woodrow Wilson School*  
Ross Keith Len Van der Linde, *Woodrow Wilson School*  
Ezra Louis Vazquez-D'Amico, *Woodrow Wilson School*  
William Hoang Nam Vu, *Woodrow Wilson School*  
Sangita Vyas, *Woodrow Wilson School*  
Rachel Alicia Weise, *Woodrow Wilson School*  
Carl Westphal, *Woodrow Wilson School*  
Eugene Yi, *Woodrow Wilson School*  
Camila Isabel Zepeda Lizama, *Woodrow Wilson School*

## Master in Public Policy

DEGREE AWARDED  
4 JUNE 2013

Thomas Bell, *Woodrow Wilson School*  
Aaron Gould Bruner, *Woodrow Wilson School*  
Arvind Karthik Chavali, *Woodrow Wilson School*  
Carol Jiarou Duh, *Woodrow Wilson School*  
Maria Trinidad Adorable Gonzalez, *Woodrow Wilson School*  
Douglas Jeffrey Greco, *Woodrow Wilson School*  
Richard Carroll Hinman, *Woodrow Wilson School*  
Shaun Kim, *Woodrow Wilson School*  
Elizabeth Anne Kopley, *Woodrow Wilson School*  
Lisa Marie Mabbutt, *Woodrow Wilson School*  
Christopher John Minns, *Woodrow Wilson School*  
Elaine V. Pearson, *Woodrow Wilson School*  
Jon Edmund Piechowski, *Woodrow Wilson School*  
Ryan Patrick Shann, *Woodrow Wilson School*  
Jason Silver, *Woodrow Wilson School*  
Joan Snaith, *Woodrow Wilson School*  
Gemma Clare Elizabeth Stevenson, *Woodrow Wilson School*  
Thomas M. Stevenson, *Woodrow Wilson School*  
Martin Wesley Sybblis, *Woodrow Wilson School*  
J. Zachary Vertin, *Woodrow Wilson School*

## Doctor of Philosophy

DEGREE AWARDED  
22 SEPTEMBER 2012

Samar Catherine Abou-Nemeh, *History of Science*  
Nick Admussen, *East Asian Studies*  
Wifag Saad Adnan, *Economics*  
Gonzalo Jorge Aniano Porcile, *Astrophysical Sciences*  
Lorne Applebaum, *Electrical Engineering*  
Jose Azar, *Economics*  
Xuening Bai, *Astrophysical Sciences*  
Jessica Ann Baumgaertel, *Plasma Physics*  
Christina Louise Bergstrom, *Chemistry*  
Aditya Bhaskara, *Computer Science*  
Alexander Brown Bick, *History*  
Patrick J. H. Bradley, *Molecular Biology*  
William H. Bridges IV, *East Asian Studies*  
Helen Yetter Chappell, *Philosophy*  
Richard Yetter Chappell, *Philosophy*  
Stephen S. Chaudoin, *Politics*  
Alvaro Eugenio Chavarria, *Physics*  
Eric Yensen Chen, *Molecular Biology and Neuroscience*  
Yuejie Chi, *Electrical Engineering*  
William Joseph Congdon, *Economics*  
William Peter Deringer, *History of Science*  
Duanel Diaz, *Spanish and Portuguese Languages and Cultures*  
Robert W. Dockins, *Computer Science*  
Audrey Marie-Christine Dorélien, *Woodrow Wilson School*  
Rex Waylon Douglass, *Politics*  
Paul Vincent Eason, *History*  
Carolyn Beth Eisert, *History of Science*  
Matthew Hal Ellis, *History*  
Lo Faber, *History*  
Mohammad Farajzadeh Tehrani, *Mathematics*  
Sarah Elizabeth Fawcett, *Geosciences*  
Jessica M. Flanigan, *Politics*  
Caroline Overton Fowler, *Art and Archaeology*  
Yulia Frumer, *History of Science*  
Nandita Gopalkrishna Gawade, *Economics*  
Joshua Steven Gillon, *Philosophy*  
Nikolce Gjorevski, *Chemical Engineering*  
Nicholas M. Goedert, *Politics*

Sarah Carlson Goff, *Politics*  
Gina Marie Greene, *Architecture*  
Scott Gregory, *East Asian Studies*  
Tyler Dean Groff, *Mechanical and Aerospace Engineering*  
Weijie Gu, *Operations Research and Financial Engineering*  
Daniel R. Gulotta, *Physics*  
Daniel John Hanna, *French and Italian*  
Jianhua He, *Electrical Engineering*  
Daniel R. Herrick, *Philosophy*  
Benjamin Drew Horning, *Chemistry*  
David T. Hsu, *Politics*  
Michael J. Hunter, *East Asian Studies*  
Ioannis Kamitsos, *Electrical Engineering*  
Sinead Rebecca Clare Kehoe, *Art and Archaeology*  
Corinne Julie Kendall, *Ecology and Evolutionary Biology*  
Eili Ya'akov Klein, *Ecology and Evolutionary Biology*  
Michael H. Kolodrubetz, *Physics*  
Claire Nicole Lackner, *Astrophysical Sciences*  
Brian Ngo Laforteza, *Chemistry*  
Zhaofeng Li, *Physics*  
Kung-Ching Liao, *Chemistry and Materials Science*  
Adele Tzu-Lin Lim, *Mechanical and Aerospace Engineering*  
Junjia Liu, *Chemistry*  
Bryan Daniel Lowe, *Religion*  
Carol Ann MacGregor, *Sociology*  
Ann C. Markham, *Ecology and Evolutionary Biology*  
Emily Ann Marshall, *Sociology*  
Gwyneth Hartman McClendon, *Politics*  
Katharine Wyatt Moore, *Chemistry*  
Melissa Rose Moschella, *Politics*  
Srevatsan Muralidharan, *Mechanical and Aerospace Engineering*  
Anand Murugan, *Physics*  
Dael Amand Vachon Norwood, *History*  
Sadik Gökem Özkaya, *Applied and Computational Mathematics*  
Arijeet Pal, *Physics*  
Joanna Papayiannis, *Art and Archaeology*  
Jeongsook Park, *Molecular Biology*  
Maya Xenia Petrovich, *Near Eastern Studies*  
Güngör Polatkan, *Electrical Engineering*  
Stephan Priebe, *Mechanical and Aerospace Engineering*  
Keith Paul Reber, *Chemistry*

Rodolfo Antonio Rios Zertuche Rios Zertuche, *Mathematics*  
Sangho Ro, *East Asian Studies*  
David Martin Robinson, *Chemistry*  
Julie L. Rose, *Politics*  
Elias Reinhold Sacks, *Religion*  
Daniel Jonathan Schneider, *Sociology and Social Policy*  
Michael D. Schroer, *Physics*  
Allison Kelly Shaw, *Ecology and Evolutionary Biology*  
Hui-Wen Shih, *Chemistry*  
Ellen Smith, *English*  
Ann Carla Staver, *Ecology and Evolutionary Biology*  
Sara Kathryn Stevens, *Architecture*  
Bella Tendler, *Near Eastern Studies*  
Tiffany Michelle Tong, *Electrical Engineering*  
Xin Tong, *Operations Research and Financial Engineering*  
Aikaterini Tsolakidou, *Classics*  
Craig Barton Upright, *Sociology*  
Nevzat Uyanik, *Near Eastern Studies*  
Mark Nicholas Vander Wal, *Chemistry*  
Joshua Jon Vandiver, *Politics*  
Aravindan Vijayaraghavan, *Computer Science*  
Philip Alexander Wallach, *Politics*  
Chong Wang, *Computer Science*  
Grace Christine Wang, *Chemistry*  
Julianne Werlin, *English*  
Julia Wolfe, *Music*  
Zhen James Xiang, *Electrical Engineering*  
Luke Benson Yarbrough, *Near Eastern Studies*  
Harlan Ming-Tun Yu, *Computer Science*  
Jieqi Yu, *Electrical Engineering*  
Qiucen Zhang, *Physics*

DEGREE AWARDED  
17 NOVEMBER 2012

Tyson N. S. Aflalo, *Psychology and Neuroscience*  
John William Appel Uruburu, *Physics*  
Timothy J. Attanucci, *German*  
Anirudh Badam, *Computer Science*  
Richard C. Baliban, *Chemical Engineering*  
Elizabeth Be Birchall, *Philosophy*  
Thomas Andrew Carlson, *History*  
Jasdave S. Chahal, *Molecular Biology*  
Yu-Yuan Chen, *Electrical Engineering*  
Elisabeth H. Cohen, *Near Eastern Studies*



Robert Matthew Cooper, *Molecular Biology*  
Yi Deng, *Physics*  
Jing Du, *Mechanical and Aerospace Engineering*  
Julien Olivier Dubuis, *Physics*  
Maria Angela Echeverry-Galvis, *Ecology and Evolutionary Biology*  
Loubna El Amine, *Politics*  
Wenwen Fang, *Molecular Biology*  
Caroline Elizabeth Farrior, *Ecology and Evolutionary Biology*  
Samuel Franklin Feng, *Applied and Computational Mathematics*  
Carl Patrick Thomas Fischer, *Spanish and Portuguese Languages and Cultures*  
Johanna Elizabeth Frymoyer, *Music*  
Thomas Nathan Hale, *Politics*  
Jessica Cleary Hawthorne, *Geosciences*  
Marina Elisabeth Henke, *Woodrow Wilson School*  
Andrew C. Huddleston, *Philosophy*  
Kevin J. Hughes Jr., *Mathematics*  
Katharina A. Ivanyi, *Near Eastern Studies*  
Noah Thomas Jafferis, *Electrical Engineering*  
Walter Johnston, *Comparative Literature*  
Benjamin Alexander Jorns, *Mechanical and Aerospace Engineering*  
Kelly Anne Kearney, *Geosciences*  
Su Yeon Kim, *Philosophy*  
Wonho Kim, *Computer Science*  
Evan S. Kindley, *English*  
Joy Ruth Knoblauch, *Architecture*  
Megan Konar, *Civil and Environmental Engineering*  
Tal Kramer, *Molecular Biology and Neuroscience*  
John Branzuela Labella, *English*  
Chunxiao Li, *Electrical Engineering*  
Qiang Liu, *Electrical Engineering*  
Yang Liu, *Chemical Engineering*  
Alexander Lorbert, *Electrical Engineering*  
Yang Luo, *Geosciences*  
Rose B. MacLean, *Classics*  
Rajsekar Manokaran, *Computer Science*  
Karin Rainey McDonald, *Molecular Biology*  
Ruth Misener, *Chemical Engineering*  
Prateek Mishra, *Electrical Engineering*  
Amy Moran-Thomas, *Anthropology*

Sara Muñoz, *Spanish and Portuguese Languages and Cultures*  
Alexandra K. Murphy, *Sociology and Social Policy*  
Erin Patricia O'Keefe, *Molecular Biology*  
Jenny Qianni Ouyang, *Ecology and Evolutionary Biology*  
Jessica Paga, *Art and Archaeology*  
Darren Pais, *Mechanical and Aerospace Engineering*  
Natalia Petrenko, *Molecular Biology*  
John Anthony Rego, *Music*  
Paul Frederic Schmit, *Plasma Physics*  
Eve Rebecca Schneider, *Psychology and Neuroscience*  
Jaelyn A. Schwalm, *Molecular Biology*  
Arnab Sinha, *Electrical Engineering*  
Daniel T. Swain, *Mechanical and Aerospace Engineering*  
Jacob Daniel Tarver, *Chemical Engineering*  
Jeff Terrace, *Computer Science*  
Tracy Ruey Tsai, *Electrical Engineering*  
Rahel Villinger, *Philosophy*  
Sergey Voronin, *Applied and Computational Mathematics*  
Zhenghong Wang, *Electrical Engineering*  
Benjamin Custis Williams, *French and Italian*  
Nurfadzilah Yahaya, *History*  
June K. Yeung, *Civil and Environmental Engineering*  
Qiao Zhao, *Chemical Engineering*  
Eliza Zingesser, *French and Italian*  
John Antony Neves Zuuzarte Tully, *Classics*

DEGREE AWARDED  
26 JANUARY 2013

Tuna Artun, *History*  
Miriam Eve Bocarsly, *Psychology and Neuroscience*  
Felipe Cala Buendia, *Spanish and Portuguese Languages and Cultures*  
Wenzhe Cao, *Electrical Engineering*  
Xiaonong Cheng, *Sociology*  
Edmond Choi, *Operations Research and Financial Engineering*  
Seth Allen Cluett, *Music*  
XinXin Du, *Physics*  
Samuel J. Gershman, *Psychology and Neuroscience*  
Andrea E. Granstedt, *Molecular Biology and Neuroscience*

Tal Kastner, *English*  
Anna Caperton Katz, *Art and Archaeology*  
Ping Liu, *Chemical Engineering*  
Jessica M. Marglin, *Near Eastern Studies*  
Robert Scott McIsaac, *Quantitative Computational Biology*  
Lauren Elizabeth Padilla, *Mechanical and Aerospace Engineering*  
Jeffery Scott Paull, *Civil and Environmental Engineering*  
Beatriz Preciado, *Architecture*  
Andrei Rachkov, *Economics*  
Austin Hayes Roach, *Plasma Physics*  
Nadezhda Dimitrova Savova, *Anthropology*  
Arul Shankar, *Mathematics*  
Wenting Sun, *Mechanical and Aerospace Engineering*  
Xiaonan Richard Sun, *Molecular Biology*  
Sarah L. Wasserman, *English*  
Kevin Hayes Wilson, *Mathematics*  
Kar Fai Samson Young, *Music*  
Nicola Zaniboni, *Economics*

DEGREE AWARDED  
6 APRIL 2013

Mikhail Alexander Belyaev, *Astrophysical Sciences*  
Ajay Nuggehalli Bhoj, *Electrical Engineering*  
Cara Lea Carraher, *Molecular Biology*  
Nicole Simona Elder, *Art and Archaeology*  
Marjolaine Gauthier-Loiselle, *Economics*  
Sean M. Gerrish, *Computer Science*  
Stephanie Eileen Goldfarb, *Mechanical and Aerospace Engineering*  
Stephen Paul Good, *Civil and Environmental Engineering*  
Diogo Abry Guillén, *Economics*  
Sara Nephew Hassani, *Sociology*  
Stephanie June Hauck, *Ecology and Evolutionary Biology*  
Johanna Dorothy Heinrichs, *Art and Archaeology*  
Camilo Hernandez-Castellanos, *Spanish and Portuguese Languages and Cultures*  
Kuan Huang, *Geosciences*  
Thomas Benjamin Jablin, *Computer Science*  
Erin M. Jacobs, *Sociology*

Diana Roxana Jorza, *Spanish and Portuguese Languages and Cultures*  
Lydia Kallipoliti, *Architecture*  
Elena Marie Krieger, *Mechanical and Aerospace Engineering*  
Chun-Yi Lee, *Electrical Engineering*  
Nicolas Lefevre-Martou, *Woodrow Wilson School*  
Sheng Li, *Chemical Engineering*  
Shuanglei Li, *Mechanical and Aerospace Engineering*  
Yushan Luo, *Mechanical and Aerospace Engineering*  
Marshall Louis Reaves, *Molecular Biology*  
John T. Reuland, *English*  
Leeore Schnairsohn, *Comparative Literature*  
David Pearson Turnbull, *Mechanical and Aerospace Engineering*  
Xin Xu, *Molecular Biology and Neuroscience*  
Anastasiya Aleksandrovna Yakhnina, *Molecular Biology*  
Sharon Jihyun Yoon, *Sociology*

DEGREE AWARDED  
4 JUNE 2013

Salim A. Altug, *Mathematics*  
Michael Joseph Arcaro, *Psychology and Neuroscience*  
Crisita Carmen Hojilla Atienza, *Chemistry*  
Hans Albert Newton Serquiña Bantilan, *Physics*  
Sarah Anne Batterman, *Ecology and Evolutionary Biology*  
Owen Biesel, *Mathematics*  
Qike Kyle Chen, *Chemical Engineering*  
Lily Si Yieng Cheung, *Chemical Engineering*  
Vrinda Chidambaram, *Slavic Languages and Literatures*  
YenTing Chiu, *Electrical Engineering*  
Sungmun Choi, *Economics*  
Gonzalo Sebastián Cisternas Leyton, *Economics*  
Eno Compton 4th, *East Asian Studies*  
Yaim Cooper, *Mathematics*  
Rohit De, *History*  
Peter Dewey, *Mechanical and Aerospace Engineering*  
Gabriele Di Cerbo, *Mathematics*  
Edgardo Dieleke, *Spanish and Portuguese Languages and Cultures*

Michael Hartz Early, *Music*  
Daniel H. Frost, *Politics*  
Michael Wayne Gillenwater, *Woodrow Wilson School*  
Leandro Gorno, *Economics*  
Martin Elias Griswold, *Plasma Physics*  
Luís Tiago Marques Guerra, *Chemistry*  
Katherine Elizabeth Hansen, *Psychology*  
Jack Thomas Hanson, *Physics*  
Nikolaj Arpe Harmon, *Economics*  
Ryan Paul Harper, *Religion*  
Deborah Son Holoien, *Psychology*  
Philip J. Isett, *Mathematics*  
Linda Jan, *Chemical Engineering*  
Matthew A. Johnson, *Psychology*  
Alejandra J. Josiowicz, *Spanish and Portuguese Languages and Cultures*  
Junehyuk Jung, *Mathematics*  
Julia Ann Kalow, *Chemistry*  
Dalal K. Kanan, *Chemistry*  
Berk Kapicioglu, *Computer Science*  
Vladimir Georgievich Kim, *Computer Science*  
Penka Kovacheva, *Economics*  
Tianhui Li, *Operations Research and Financial Engineering*  
Ting Liu, *Electrical Engineering*  
Wyatt Lloyd, *Computer Science*  
Nicholas Scott Lockey, *Music*  
Jenna L. Losh, *Geosciences*  
Daniel Ian Mark, *Politics*  
Jessica Ann Maxwell, *Art and Archaeology*  
Maribel Morey, *History*  
Nicholas Naquin, *History*  
Daniel K. Nielsen, *Chemistry*  
Ilissa Bonnie Ocko, *Atmospheric and Oceanic Sciences*  
Sung-Jin Oh, *Mathematics*  
Giridhar Parameswaran, *Economics*  
Aaron Pixton, *Mathematics*  
Michael Allan Pope, *Chemical Engineering and Materials Science*  
Enrique Gualberto Ramirez III, *Architecture*  
Jie Ren, *Physics*  
Joseph D. Roy-Mayhew, *Chemical Engineering*  
Giulia Saccà, *Mathematics*  
Daniel Schwartz-Narbonne, *Electrical Engineering*  
Siddhartha Sen, *Computer Science*  
Hao Shen, *Applied and Computational Mathematics*

Michael Joseph Smith, *Chemistry*  
Avani Mehta Sood, *Psychology*  
Dean Edwin Spears, *Economics*  
Sabine Chantal Eileen Stieber, *Chemistry*  
Abigail B. Sussman, *Psychology and Social Policy*  
Xin Tong, *Operations Research and Financial Engineering*  
Matthew Daniel Trujillo, *Psychology and Social Policy*  
Lev E. Weitz, *Near Eastern Studies*  
John Myles White, *Psychology and Neuroscience*  
Pak Hin Wong, *Applied and Computational Mathematics*  
Guangbo Xu, *Mathematics*  
Shiwu Yang, *Mathematics*  
Jongsoo Yoo, *Plasma Physics*  
Meng Zhang, *Electrical Engineering*  
Jiaying Zhao, *Psychology*

# A Note on Magicicada Brood II

Should the whirl of cicadas serve as a backdrop to today's ceremony, we would be in the company of a very special guest. The sound is the male mating call of the Magicicada, a North American species of periodical cicada that has a 13- or 17-year lifecycle. Cicadas are not poisonous; they do not bite or sting. They are large (about an inch long); they fly; they are (more or less) orange and black and so appropriate guests for Princeton celebrations. This cicada is divided into "broods," or a group of cicadas that emerge in a specific region at a regular interval. What might be heard today — and what has featured regularly in the news in recent months — is Brood II, which in New Jersey is typically concentrated in the north with Princeton on its territorial outskirts, explained Henry Horn, a Princeton professor of ecology and evolutionary biology, emeritus. Princeton is instead a prime breeding ground for Brood X, which will reemerge in 2021, Horn said. In this area, the current brood will unlikely meet such famous decibel levels, Horn said. Cicadas have "a tendency to be homebodies" and do not travel far beyond the region in which they emerge, he said.

## Alma Mater

### *Old Nassau*

Tune ev'ry heart and ev'ry voice,  
Bid ev'ry care withdraw;  
Let all with one accord rejoice,  
In praise of Old Nassau.

In praise of Old Nassau, we sing,  
Hurrah! Hurrah! Hurrah!  
Our hearts will give  
while we shall live,  
Three cheers for Old Nassau.

## Acknowledgments

We thank the staff of the Alumni Council, the Broadcast Center, Building Services, Communications, Community and Regional Affairs, Conference and Event Services, Dining Services, Disability Services, Dodds Auditorium, Environmental Health and Safety, Facilities, McCarter Theatre, the Office of the Dean of Undergraduate Students, the Office of Information Technology, the Office of the President, Public Safety, Richardson Auditorium, and Transportation and Parking Services for giving generously of their time and expertise.

