# PRINCETON UNIVERSITY The Graduate School

Hooding Ceremony



# 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 afternoon 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 28th year of the Hooding ceremony honoring advanced degree recipients.

#### Candidates for Advanced Degrees

Doctor of Philosophy

Master of Architecture

Master of Science in Engineering

Master of Engineering

Master in Finance

Master in Public Affairs

Master in Public Policy

#### Welcome

Cole M. Crittenden \*05

Acting Dean and Deputy Dean of the Graduate School

#### President's Address

Christopher L. Eisgruber '83

Laurance S. Rockefeller Professor of the Princeton School of Public and International Affairs and the University Center for Human Values, President of the University

#### Introduction of Graduate Mentoring Awards

Cole M. Crittenden

#### Presentation of Graduate Mentoring Awards

Katherine Stanton

Director of the McGraw Center for Teaching and Learning, Associate Dean of the College, Lecturer in American Studies

#### Presentation of Candidates for Master's Degrees

Cole M. Crittenden

### Presentation of Candidates for the Doctor of Philosophy Cole M. Crittenden

Closing

Cole M. Crittenden

#### Closing Video

#### Graduate Mentoring Awards

The Graduate School and the Harold W. McGraw Center for Teaching and Learning annually recognize faculty members 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. This year we recognize four outstanding faculty members from the major academic divisions of the University.

HUMANITIES

Meredith A. Martin

Associate Professor of English, Director of the Center for Digital Humanities

SOCIAL SCIENCES

Margot Canaday

Professor of History, Associate Chair of the Department of History

NATURAL SCIENCES

Casey Lew-Williams

Professor of Psychology, Lawrence S. Brodie Preceptor

ENGINEERING

Howard A. Stone

Donald R. Dixon '69 and Elizabeth W. Dixon Professor of Mechanical and Aerospace Engineering, Chair of the Department of Mechanical and Aerospace Engineering

#### Advanced Degrees

#### Master in Finance, Bendheim Center for Finance

DEGREE AWARDED 25 MAY 2021

Pedro Acosta Valenzuela Kristian Nicolai Bjarnason

Marc Geha Junhan Gu Trisha Guchait Siddhant Gupta Adam Halmi Tianyi Hao Yuezheng Jiang Gaétan Johnson

Clémence Kopff

Keqian Li

Jingying Lin Luis Antonio Loredo Camou

Calista Yunyi Ng Cindy Xin-Er Ning-Li

Shreva Pal

Henri Perillat-Piratoine William Cabanne Cabot Reid

Sidharth Sabharwal Aarsh Sachdeva

Nicolas Sanchez-Escobar

Chali Shen

Alina Petrovna Skripets

Kasper Willem Andreas Verkammen

Yifan Wang Yihan Xu Wenjing Zhang Shan Zhong

#### Master of Architecture, School of Architecture

DEGREE AWARDED  $2\, 5\ M\, A\, Y\ 2\, 0\, 2\, 1$ 

Fiorella Barreto Maeliosa Barstow Landon Floyd Carpenter Cole Anthony Cataneo Jonah Bartels Coe-Scharff, Hailey Elisabeth Craft Helen Andrea Fialkowski

Chase Galis

Luis Fernando Muñoz

Larissa Geovanna Guimaraes Yevgeniya Ilyasova Simon Lesina-Debiasi Elena M'Bouroukounda Matthew Francis Maldonado Jacob Edward Gudeman McCarthy Ruta Misiunas

Christopher Michael Myefski Peter S. Pak

Iuan Pablo Ponce de Leon Sonia Sobrino Ralston Christopher Rodman Read Victor Manuel Rivas Valencia Naomi Goodwin Steinhagen

Shane Tafares Arturo Uribe Yundong Yang Zhou Yu

Post-Professional Program

Nathaniel Banks Kaitlin D. Faherty Zaid Kashef Alghata Piao Liu Yidian Liu

Tian Tian Lou

Emmanuel Antonio Osorno

Yinong Tao Minglu Wei

#### Master in Public Affairs. Princeton School of Public and International Affairs

DEGREE AWARDED 26 SEPTEMBER 2020

Erik Morinaga

DEGREE AWARDED 25 MAY 2021

Sanna Ellinore Ahlgren Elliott R. Amkraut Joanna Chinazam Anyanwu Bekmyrza Asanbaev Nathan R. Babb

Kaira Bakkestad-Legare Jatin Batra Danielle Kathleen Beavers

Kishan Ameet Bhatt Patrick Boduch

Dallas Lee Browning

Molly Johanna Nelson Brune

Alice Chin-Yu Chang Emily I-Li Chen Benjamin John Chin Kai Chong-Smith Kevan Lew Christensen Anthony Alan Cilluffo

Tom Clark

Riley Allison Edwards Robert Christian Francis Talia Rich Gerstle

Lauren Michelle Clark

Wendy Lorena Gomez Rebecca Sara Gorin

John Paul Gutman Philmon Ghirmai Haile Maya Nicole Hardimon Olivia Grace Hompe Galen Jerome Hunt Ian Charles Labra Hutchcroft Alexander Paul Louis Hydrean

Fatima Khalid Khan Marissa Virginia Korn Rocio Caridad Labrador Mark Minshen Lee

Abyssinia Makeda Lissanu Iona Clare Main

Kevin James McCarthy Patrick E. McDonnell William Scott McMutuary Gabriel Mekbib

Alexander Dudley Merchant Daniel Phillip Morales

Maria Alejandra Moscoso Rivadeneira

Meghana Mungikar Liza Paudel

Renee Alexandria Peterkin Jeffrey John Phaneuf Jasmine Anne Pineda Daniel Carlos Alberto Pontón Sujata Kumari Rajpurohit Sri Harshita Rallabhandi Sofia Alessandra Ramirez

Yvette Ramirez Kaitlin Roh

Maria Cecilia Romano

Nabil Shaikh Corbin Stevens Martin David Sweeney

Thomas Llewellyn Mussared Taylor Emily Margaret Campbell Tenenbom

Margaret Ayers Tennis Bryan David Thomson

Joseph Tso Julia Tuttle

Ryan Russell Warsing Clarke Cymone Wheeler David Alexander Wylie Victor Chi Fung Yau Sung Ah Yoon Zachary Gordon Zook

#### Master in Public Policy, Princeton School of Public and International Affairs

DEGREE AWARDED 25 MAY 2021

William Woodson Lloyd Belcher Bettina Bergoo Andy Chiu Andrew Joseph Curiel

Angela Christine Evans Carissa Eileen Gonzalez Melania Guerra Carrillo Matthew Todd Kertman William Emil Knips Mariam Mashaal Hua Qu Rafael Rodrigues Soares Ikenna K. Ugwu

## Master of Science in Engineering

DEGREE AWARDED 26 SEPTEMBER 2020

Xiili Bassett, Civil and Environmental Engineering

Qingqing Wei, Civil and Environmental Engineering

DEGREE AWARDED 21 NOVEMBER 2020

Thomas Metke, Mechanical and Aerospace Engineering

DEGREE AWARDED 25 MAY 2021

Zahra Bajalan, Civil and Environmental Engineering

Jessica Flores, Civil and Environmental Engineering

Moriah Hughes, Civil and Environmental Engineering

John Li, Computer Science Galen Thomas Mandes, Chemical Engineering

Johan Sebastian Ospina Buitrago, Computer Science

Lucas Fernán Salvador, Computer Science Christopher Dean Sciavolino, Computer Science

Daniel Changyan Wang, Computer Science

#### Master of Engineering

D E G R E E A W A R D E D 25 M A Y 2021

Christian Jordan Calimlim, *Chemical Engineering* 

#### Doctor of Philosophy

DEGREE AWARDED 26 SEPTEMBER 2020

Quinn M. Albaugh, *Politics and Social Policy* 

Levent Hasan Ali Alpöge, Mathematics Lev Arzamasskiy, Astrophysical Sciences Justine Lucy Atkins, Ecology and Evolutionary Biology

Kimberly Bain, English and Interdisciplinary Humanities

Joseph B. Bak-Coleman, *Ecology and Evolutionary Biology* 

Alexander Becker, Ecology and Evolutionary Biology

Thomas Blair Benfey, Near Eastern Studies Adrien Gabriel Bilal, Economics Michael Joseph Black, Chemistry Meredith Ann Borden, Chemistry Brandy Angeline Briones, Psychology and

Neuroscience Eli Benjamin Cadoff, Molecular Biology Lili X. Cai. Neuroscience

Wen Kang Chou, Chemical Engineering

Killian Bartlett Clarke, *Politics* Chaya Yvonne Crowder, *Politics* 

Kathleen Noelle Cruz, Classics
Alexandra Lee De Candia, Ecology an

Alexandra Lee DeCandia, *Ecology and Evolutionary Biology*Mollie Copley Eisenberg, *English* 

Emmanuel Chibueze Ekwedike, Operations
Research and Financial Engineering

Bachir El Khadir, Operations Research and Financial Engineering

Sergio Galaz García, Sociology Tong Gao, Physics

Sumegha Garg, Computer Science Gabrielle Marie Girgis, Politics

Liora O'Donnell Goldensher, Sociology and Interdisciplinary Humanities

Dylan Gottlieb, History

Drew Budd Gower, Civil and Environmental Engineering

Lee Michael Gunderson, Astrophysical Sciences (Plasma Physics)

Gözde Güran, Sociology

Elizabeth Mary Hart, Molecular Biology Julia Michiko Hori, English

Tsung-Lin Hsieh, Atmospheric and Oceanic Sciences

Anders Priergaard Humlum, *Economics* Luca Victor Iliesiu, *Physics* 

Dongxian Jiang, Politics

Jiaqi Jiang, Physics

Renzhi Jing, Civil and Environmental Engineering

Joane Felicia Joseph, Operations Research and Financial Engineering

Brett Andrew Karlan, *Philosophy* Jaeuk Kim, *Physics* 

Katherine-Aroussiag Kokmanian, Mechanical and Aerospace Engineering

Charles Ashley Kollmer, *History (History of Science)* 

Bryan Jacob Kudisch, *Chemistry* Matthew Mahavir Kumar, *English* Aaron Kurosu, *Psychology* 

Hao Li, Chemistry

Nongchao Li, Operations Research and Financial Engineering

Wenying Liao, Ecology and Evolutionary Biology

Jingjing Lin, Physics

Mochi Liu, Quantitative and Computational Biology

Yong Yao Loh, Chemistry

 ${\bf Xuyang\ Lu,}\ Electrical\ Engineering$ 

Zheng Ma, Physics

Arunesh Mathur, Computer Science

Jonathan Aryeh Mehlman, Electrical Engineering

Kelvin Mei, Physics

Marina Miguel Bedran, Spanish and Portuguese

Alexey Milekhin, Physics

Anders Francis Miltner, Computer Science

Sanjay Moudgalya, Physics

Vadim Munirov, Astrophysical Sciences (Plasma Physics)

Franz Peter Ostrizek, *Economics*Matthew Francis Panichello, *Neuroscience* 

Nishant Pappireddi, Molecular Biology

Arum Park, Sociology

John Park, Comparative Literature

Patryk Pjanka, *Astrophysical Sciences* Charly Porcher, *Economics* 

Charry Forcher, Economics

Niranjani Prasad, Computer Science Leah Margareta Gazzo Reisman, Sociology

Justin Lloyd Ripley, *Physics* Sebastián Rojas Mata, *Mechanical and* 

Aerospace Engineering

Aviv K. Rosenblatt, Classics

Nicholas Andrew Roy, Neuroscience

Edward Charles Schrom II, Ecology and Evolutionary Biology

Matthew Schumann, Near Eastern Studies Jacob Alexander Schwartz, Astrophysical Sciences (Plasma Physics)

Mohammad Shahrad, *Electrical Engineering* Jenny Shen, *Economics* 

Arianna Elizabeth Sherman, Civil and

Environmental Engineering

Hilary Shi, Economics

Yeon Soon Shin, Neuroscience

Melinda Marie Soares, Astrophysical Sciences

Fernanda Sobrino Macias, *Economics* Diana Mariana Stanescu, *Politics*  Shree Nikhila Tanneti, Molecular Biology and Neuroscience Pierre-Yves Camille Régis Taunay, Mechanical and Aerospace Engineering Akanksha Thawani, Chemical Engineering Chang Tian, Chemical Engineering Fabian Gunter Werner Trottner, Economics Marius Andrei Vrajitoarea, Electrical Engineering Andrew Walker-Cornetta, Religion Erik Haixiao Wang, Politics Huaiju Wang, Chemistry Ron Martin Wilson, Comparative Literature Xue Wu, Electrical Engineering Rui Xu, Astrophysical Sciences Kengran Yang, Civil and Environmental Engineering and Materials Science Lu Yang, Ecology and Evolutionary Biology Elizabeth A. Yankovsky, Atmospheric and Oceanic Sciences Akshay Yelleshpur Srikant, Physics Andrei Zeleneev, Economics Jeffrey Zhang, Operations Research and Financial Engineering Xue Zhang, East Asian Studies Hongxuan Zhu, Astrophysical Sciences (Plasma Physics) Jessica Xiaomin Zu, Religion

DEGREE AWARDED 21 NOVEMBER 2020

Mert Al, Electrical Engineering Jordan T. Ash, Computer Science Paul Matthew Babinski, Germanic Languages and Literatures Daniela T. Barba-Sánchez, Politics and Social Policy Samuel Cary Beckwith, Sociology Arjun Nitin Bhagoji, Electrical Engineering Richard Alexander Calis, History Damien Capelle, Economics Laura Jan Chang, Physics Xiaowen Chen, Physics Yuanxin Chen, East Asian Studies Brendan Michael Cooley, Politics Vinicius de Aguiar Furuie, Anthropology Berta del Río Alcalá, Spanish and Portuguese Katherine Kjellstrom Elgin, Public and International Affairs Adam Eli Fisher, Mechanical and Aerospace Engineering

Carly Megan Garrison, Molecular Biology Nikolaos Giannarakis, Computer Science Jacqueline Grimm, Molecular Biology Kaichen Gu, Chemical Engineering Md. Shafayat Hossain, Electrical Engineering and Materials Science Emma Ruth Kast, Geosciences Adam Burchfield Kern, Politics

Akshay Krishna, Electrical Engineering Alexey Lavrov, Electrical Engineering Yaqiong Li, Physics Miles Ian Hamilton Macallister, History Daniel David May, Religion Richard Vincent Miller, Molecular Biology Zoi Paraskevopoulou, Computer Science Laura Monica Roberts, Computer Science Braddock Alexander Sandoval, Chemistry Ana Sekulic, History Brian Bailey Silver II, Molecular Biology Xin Sun, Geosciences Chu Cheyenne Teng, Electrical Engineering Zoe Merrill Volenec, Ecology and **Evolutionary Biology** Geoffrey Daniel Vrla, Molecular Biology Julius Vutz, Economics Siwei Wang, Chemistry Yucheng Wang, Chemical Engineering Cyril Xi Yao Zhang, Computer Science Yaofeng Zhong, Mechanical and Aerospace Engineering

DEGREE AWARDED 23 JANUARY 2021

Skyler Anderson, History

Evolutionary Biology

**Affairs** 

Peter Francis Kitlas, Near Eastern Studies

Zhongshu Li, *Public and International* 

Daniel Christoph Kranzelbinder, Philosophy

Yatin Avdhut Manerkar, Computer Science Shengkai Alwin Mao, Astrophysical Sciences

Sotirios Apostolakis, Computer Science Abraham Tibebu Asfaw, Electrical Engineering Levon Avanesyan, Operations Research and Financial Engineering Chiara Benetollo, Comparative Literature R. J. Rubin Bergmann, Comparative Literature Jessamin Hope Birdsall, Sociology and Social Policy Edith Sarah Blackman, Molecular Biology Lorenzo Bondioli, History Leah Beth Bushin, Chemistry Grace Anne Carey, Anthropology Thomas Hercules Davies, Classics and Interdisciplinary Humanities Luuk Otmar de Boer, Classics and *Interdisciplinary Humanities* Trithep Devakul, Physics Elliot Andrew Dine, Molecular Biology Harris Winter Doshay, Politics Michael Faciejew, Architecture and Interdisciplinary Humanities David Feng, Mechanical and Aerospace Engineering Jonathan Yunshan Gao, Economics Olivia Lenhardt Guayasamin, Ecology and

Alexander Meehan, Philosophy Nathaniel Douglas Mitchell, Music Dylan Humphrey Morris, Ecology and **Evolutionary Biology** Stephanie Louise Pope, English Abhishek Raj, Electrical Engineering and Materials Science David Milton Rasmussen Jr., Public and International Affairs Robert John Scheffler, Molecular Biology Michael Jakob Schillinger, Art and Archaeology and Interdisciplinary Humanities Sagar Udayashankar Setru, Quantitative and Computational Biology Justin Lee Willson, Art and Archaeology Thomas Alexander Wilson, Classics Andrew Ian Wilterson, Psychology and Neuroscience Fan Yang, Mechanical and Aerospace Engineering

DEGREE AWARDED 10 APRIL 2021

Shuhui Yin, Chemistry

Nareman Amin, Religion Colin N. Azariah-Kribbs, English Jared Nicholas Balaich, Molecular Biology Felix Frederic Leonhard Borjans, Physics Colleen Petrena Campbell, Sociology Xu Chen, Public and International Affairs Yifeng Chen, *Electrical Engineering* Elena Lucille Dugan, Religion Brittney Michelle Edmonds, English Madeleine Louise Haddon, Art and Archaeology Bahar Javdan, Molecular Biology Meng Ma, Electrical Engineering Camden John MacDowell, Molecular Biology

Maurício Massao Soares Matsumoto, Economics

Pranav Santosh Mundada, Electrical Engineering

Laura Alexis Murray, Molecular Biology Bryan Andrew Nerger, Chemical Engineering

Weitao Shuai, Civil and Environmental Engineering

Jan van Doren, History

Raissa Antonia von Doetinchem de Rande, Religion

Elsa Voytas, Politics and Social Policy Leon Zhonghao Wang, Chemical Engineering

Fengyu Zhang, Electrical Engineering Zhaoyue Zhang, Chemistry Hongyu Zhong, Chemistry

DEGREE AWARDED 25 MAY 2021

Joseph Allen Abadi, Economics Alliva Amir Akhtar, Geosciences John Robert Lacayo Anderson, Mathematics Joseph James Avery, Psychology Hélène Margot Renée Benveniste, Public and International Affairs Changxiao Cai, Electrical Engineering

Shuang Chen, Demography and Social Policy

Woon Sang Cho, Operations Research and Financial Engineering

Martín Cobas Sosa, Architecture Linda Jane Cook, Applied and Computational Mathematics

Sara Katherine Sophie Daley, Chemistry A. J. Dechet, Germanic Languages and Literatures

Jacob Samuel DeHovitz, Chemistry Jesús Miguel Domínguez Rohán, Spanish and Portuguese

Natalie Anne Dupêcher, Art and Archaeology

Nikita Susan Dutta, Mechanical and Aerospace Engineering and Materials Science

Nicolas E. Fernandez-Arias, Economics Kyle Adam Genova, Computer Science Daniel Austin Gibbs, Politics

Reuven Lorin Goldberg, English and Interdisciplinary Humanities

Hao Gong, Operations Research and

Financial Engineering Ahmad Greene-Hayes, Religion

Christopher Hale, Demography (Population Studies)

David C. Hock, Slavic Languages and Literatures

Lingyu Hong, Electrical Engineering Mengya Hu, Mechanical and Aerospace Engineering

Weiguang Huo, Electrical Engineering Elisa Maria Jacome, Economics

Lena Min Ji, Mathematics

Jacob Alexander Kautzky, Chemistry Shannon Elizabeth Keenan, Chemical

Engineering

Julia Khait, Music Galileu Kim, Politics

Na Yeon Kim, Psychology and Neuroscience

Sangmin Kim, Chemistry Yann Marcel Koby, *Economics* 

Perrin Melissa Lathrop, Art and

Archaeology

Mathilde Le Moigne, Economics

Xinran Li, Physics Naijia Liu, Politics

Gabrielle Haley Lovett, Chemistry

Hao Lu, Operations Research and Financial Engineering

Kun Lu, Operations Research and Financial Engineering

Nancy Bui Lu, Chemical Engineering Ian Daniel Lundberg, Sociology and Social

Noah Roth Mandell, Astrophysical Sciences (Plasma Physics)

Aaron Lee Match, Atmospheric and Oceanic

Benjamin Pine Mirabelli, Applied and Computational Mathematics Lasse Miikka Mononen, Economics Michael J. Morais, Neuroscience

Allison Margaret Murawski, Molecular Biology

Dong Hoon Nam, Mathematics Shinjung Nam, Anthropology Andrew Or, Computer Science

Da Pan, Civil and Environmental Engineering Aleena Laxmi Patel, Chemical Engineering

Emann M. Rabie, *Molecular Biology* Mouktik Raha, *Electrical Engineering* Malavika Rajeev, Ecology and Evolutionary Biology

Sowmya Ramanathan, Spanish and Portuguese

David Tylman Ribar, Politics

José María Rodríguez Valadez, Politics and Social Policy

Margarita Rosario, Comparative Literature

David Thomas Salkowski, Music Jennifer Soong, English

Rui Tang, Economics

William Carey Thomas, Chemistry Christopher Kai Tokita, Ecology and

**Evolutionary Biology** 

Daniela Rosario Urbina Julio, Sociology and Social Policy

Noemi Vergopolan da Rocha, Civil and Environmental Engineering

Madalina Oana Vlasceanu, Psychology and Neuroscience

Peter Yichen Wang, Civil and Environmental Engineering

Melanie Weber, Applied and Computational Mathematics

Jennifer Alida Ruth Willemsen, Civil and Environmental Engineering

Sarah Ann Wilterson, Psychology and Neuroscience

Yantao Wu, Physics Jiacheng Zhang, Operations Research and Financial Engineering Yifeng Zhou, Operations Research and Financial Engineering

#### 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.

#### In Memoriam

The University remembers here with great sadness Cassidy Yang, fifth-year graduate student in quantitative and computational biology, whose untimely death occurred during her time at Princeton.

