

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



DEPARTMENT OF  
CHEMISTRY

**2019**  
**CONVOCATION**



2:00 p.m. • May 12, 2019 • Krannert Center for the Performing Arts

# **I** ILLINOIS

## Chemistry

### **PROGRAM**

#### **Processional**

Graduates and Faculty

#### **Opening Remarks**

Professor Martin Gruebele  
James R. Eisner Endowed Chair  
Head, Department of Chemistry

#### **Introduction of Speaker**

Professor Paul Hergenrother  
Kenneth L. Rinehart Jr. Endowed Chair in Natural  
Products Chemistry and Professor of Chemistry

#### **Speakers**

Dr. May D. Lee  
Dr. Ving J. Lee  
Chief Scientific Officer of Limerick BioPharma

#### **Presentation of Graduates**

Professor Martin Gruebele  
Professor Scott Denmark  
Professor Scott Silverman

#### **Closing**

Professor Martin Gruebele

We would like to acknowledge The Krannert Center Staff and Aduro Brass.

Marshals: Dr. Jordan Axelson and Dr. Lloyd Munjanja

## Bachelor of Science in Chemistry

Emmanuel Obafemi Akanbi  
Juhn Allan A. Alita  
Muneeb R. Ansari ✚  
Weronika M. Czyn  
Caesar D. Gomez  
Rianna Bliss Greer ✚✚  
Rebecca Marie Haight ✚✚✚  
Jiahong Hu  
Guanmei Jiang  
Stephanie Ayla Kohn ★  
Danielle Morgan Krongauz ▲  
Annika S. Lee ★  
Chan Sol Lee ✚  
Yanxin Li  
Can Hua Liao  
Naichen Long  
Evan Charles Miller  
Yuhao Min ✚  
Fiona Q. Qu ★  
Zihan Qu  
Mavrick K. Schreiber  
Milos R. Sretenovic  
Yuanheng Wang ✚✚  
Zachary James Wickenhauser  
Brian J. Wu

Xujia Zhong ★  
Baiyu Zhu

## Bachelor of Science in Liberal Arts & Sciences

Shail Aamir  
John Francis Adams  
Suzan J. Ahmad  
Jesselle Garcia Alhambra  
Kevin Scott Alperin  
Iraklis Demetrious Analitis  
Eugene Anyan  
Adam Earl Armstead  
Aasem Nabil Awwad  
Thiago Barros ➤➤  
Julia Louise Beccue ✚  
Brennan C. Bell  
Oliver Francia Berganos  
Yvon Maurice Bogdonoff ➤➤  
Brian David Boltt ➤➤  
Srinihar Bondalapati  
Victor Hutton Brew  
Jada Nicole Brown ✚  
Alexander D. Bruchhauser  
David Boyan Cao ✚✚✚  
Matthew Edward Carlins ➤➤  
Michael Louis Carr  
Ryan Hao Chen

Kevin Ka Ngok Cheng ✚✚✚➤➤  
Hee Kun Cho  
Joanne Choi  
Sohee Choi  
Cinny Ka Mong Chui  
Rachel A. Circelli ➤➤  
Paul Robert Delutio  
Dominic Richard Demma ✚✚✚  
Christopher J. Dennis ✚✚✚✚  
Raymond D. Duncan  
Marissa C. Dupont ✚➤➤  
Emilee Nicole Ellingsworth  
Wilson Jack Faeh  
Patrick T. Fitzgerald  
Heriberto Flores ★  
Yuqi Fu  
Zihuan Fu  
Sergio Amadeo Garcia  
Silai Guo  
Mary Kathryn Hadley  
Eleanore G. Hansen ✚✚  
Lisa He  
Amy Catherine Houser  
Chengyu Hu  
Hao Huang  
Mary Hwang  
Benjamin Donald Ihssen  
Thomas Walter Janas

Laura Rae Janousek ✚»  
 Francisco Dejesus Juarez »  
 Daniel Myungsung Kim  
 Do Hyun Kim  
 Jihoon Kim  
 Jihoon Kim  
 Kunwoong Kim  
 So Young Kim  
 Sumin Kim  
 Jason M. Knight  
 Kyle Krumm  
 Ryan Laramée  
 Arim Lee  
 Chan Mi Lee  
 Halim Lee  
 Yumeng Li  
 Perry Lee Lim ✚✚  
 Nathan J. Lin  
 Adrian Madera  
 Elizaveta Mangutov »  
 Kristian E. Martinez  
 Karla Elizabeth Martinez Gonzalez  
 Cory Jack Matsumoto  
 Leonardo Mauricio Molina ✚††  
 Byungsoo Moon  
 Mayra Moreno  
 Joshua Michael Morgan  
 Kyle A. Murray

Megan T. Murtagh  
 Cecily Elizabeth Negri »  
 Joshua Robert Nielsen »  
 Hameed O. Odunewu  
 Philip Alexander Olszewski  
 Veronika L. Omori  
 Joon Woo Park  
 Taeyoung P. Park  
 Dhiral Patel  
 Shovik Satish Patel »  
 Katherine E. Peck  
 Nicole Petrovic  
 Alexander Nicholas Pilski  
 Aaheli Poddar  
 Benjamin West Pollak  
 Joshua S. Posner  
 Samuel George Radzin  
 Reyvin Michael Reyes »  
 Jake R. Ritthamel ✚✚»  
 Lillian Faye Roderick-Buescher  
 Kayla Louise Ruiz  
 Claire P. Schane  
 Morgan Samantha Scholtes ✚  
 Clayton Grey Schoolman  
 Anne Elizabeth Schulz  
 Hannah Seo »  
 Kriti C. Sharma »  
 Boaz Kobi Shields

Ashley Shin ✚  
 Christopher Junsik Shin  
 Jose M. Sida Diaz  
 Aliza Siddiqui  
 Muhammad I Singdi  
 Harrison Sinugroho  
 Analisa Dyan Soare  
 Se Mi Song  
 You Jin Song ✚»  
 Catherine A. Steegmueller  
 Jueun Suh  
 Shankari Sureshbabu  
 Vanessa Szul  
 Stephanie Tapia  
 Tonisha Lee Thacker »  
 Jongik Lee Thom  
 Benjamin M. Tobias »  
 Siyao Tong  
 Mary A. Tran  
 Nhuy Doan Tran  
 Oleg Ivanovych Troian  
 Kaci Elizabeth Troth  
 Jazzia A. Ubeid  
 David C. Ugweje  
 Daniela Vargas  
 Alejandro Vallejo  
 Alankrita Venkatesh ✚✚  
 Jiachen Wang ††

Kevin C. Wang  
Muxi Wang  
Ashley T. Washington  
Emily Christine Wielbik  
Artur Tomasz Wierzbiak  
Nolan L. Winkelmann  
Tyler Joseph Wirtz  
Jessica Wiryadinata  
Piotr Witek

Emily R. Wood ✚††

Niki Ellen Wu

Junyi Xie

Zhuofan Xie

Chenyun Yang »

Ran Yang »

Hyun Jin Yoo

Muhammad H. Zamir

Tianyang Zhang

Chi Zhang »

Ding Zhang

Shuaiqi Zheng

Jinyan Zhou »

Zhiyu Zhu

### **Master of Science in Chemistry**

Marie Angellie Claudio-Cintron  
Wesley Allen Deutscher

Morgan Andrew Hammer  
Preston Kolby Hills-Rieck  
Aaron Daniel Mena  
Claire Catherine Merchen  
Alexander Knight Moore  
Brian T. Nguyen  
Yeong-Hui Seo

### **Master of Science in the Teaching of Chemistry**

Kathleen R. Regovich

### **Doctor of Philosophy in Chemistry**

Aparna Karippara Harshan

Aditi Banerjee

Kimberly Bassett

William P. Bassett

Christopher Yngwie Bemis

Amartya Bose

Corryn Chini

James Matthew Christensen

Chang Cui

Lisa A. Della Ripa

Bryon Shane Drown

Michael Drummond

Scott Edwin Dubowsky

Alfredo Garcia

Bruno Giuliano Nicolau  
Samuel Gockel  
Zachary Goldsmith  
Kevin Harnden  
Junwen He  
Kenton John Hetrick  
Jordan J. Hinman  
Graham A. Hudson  
Bailey .J Jackson

Iti Kapoor

Daniel G. Kohler

Jonathan W. Lehmann

Huiying Liu

Wei Liu

Evijola Llabani

Tyler Lytle

Rulin Ma

Timothy Patrick Moneypenny

Elena C. Montoto Blanco

Elizabeth Kathleen Neumann

Bing O'Dowd

Mikiko Okumura

Andrea Palazzolo Ray

Christopher C. Pattillo

Aaron L. Petronico

Kevin Robb

Ryan Rooney

Elizabeth S. Ryland

✚ Bronze Tablet recipient ✚ Chancellor's Scholar ✚ James Scholar ✚ Phi Beta Kappa » Double Major

†† Dual Degree ▲ Distinction ★ High Distinction ⚡ Highest Distinction ⚗ Chemistry Merit for Emerging Scholars

Nitya Sai Reddy Satyavolu  
Peter Joel Sempstrott  
Minjeong Shin  
Emma H. Southgate  
Kenan Tokmic

Evan Venable  
Jason A. Varnell  
Max Verkamp  
Fei Wang  
Kwo-Kwang A. Wang

Puzhou Wang  
Zhao Wu  
Mikayla Anne Yoder  
Zhengan Zhang  
Cong Zhou

**Immediately following the ceremony,  
please join us for a reception in the Illini Union, Room 314.**



**#ILLINOIS2019**

## UNDERGRADUATE STUDENT AWARDS

John C. Bailar Award

John David Barnwell Memorial Award

Carl S. Marvel Award

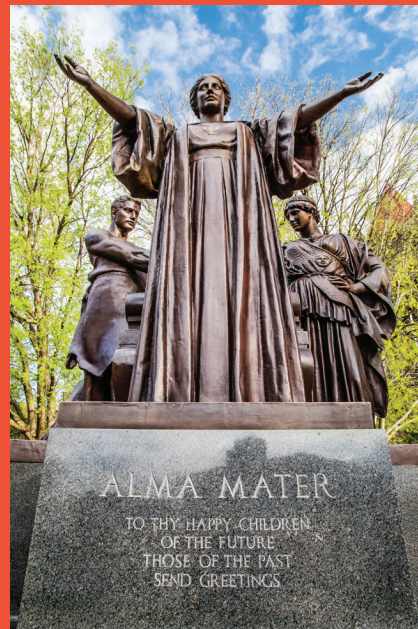
Arthur R. Matheson Award

Worth H. Rodebush Award

## GRADUATE STUDENT AWARD

American Chemical Society

P3 Medal for Graduate Research Excellence



This program contains an unofficial list of candidates for Spring 2019 and Summer 2019 graduation and a list of graduates who received degrees in Summer 2018 and Fall 2018. Due to printing deadlines, the names of some degree recipients may not appear, while the name of some degree candidates who have not completed their degree requirements may be included. All indications of Distinction are anticipated.



## 2019 Chemistry Convocation Speakers

### Dr. May Lee (MS '74, PhD '76, Rinehart) and Dr. Ving Lee (MS '73, PhD '75, Rinehart)

Dr. May Lee obtained a BSc in honors chemistry from the University of British Columbia before arriving at Illinois in 1972, completing her PhD in 1976. Following a postdoctoral fellowship at Harvard, she joined the natural products discovery program at Lederle Laboratories (Cyanamid), where she expanded her knowledge in biochemistry, microbiology, and information management; developed expertise in identifying winning projects using multidisciplinary approaches; and was awarded 14 US Patents. She is well recognized for defining the enediynes structure of the calicheamicins through a combination of chemical and spectroscopic methods that reflected the best of her academic training at Illinois.



Dr. Lee has taken leadership roles at several start-up biopharmas since 1994, leveraging her drug discovery experience and expertise in analytical chemistry and information management for opportunities in systems biology and translational biology. Since retirement in 2012, Dr. Lee has volunteered in public libraries and enjoyed house remodeling, garden design, needlecraft, and her grandchildren.



Dr. Ving Lee received his BA and MS/PhD from the Ohio State University and the University of Illinois, respectively, and held postdoctoral fellowships at Illinois and Harvard University. He has held senior leadership positions at Lederle Laboratories (Cyanamid), Microcide Pharmaceuticals, Iconix Pharmaceuticals (Iconix Biosciences), Anacor Pharmaceuticals, and Limerick BioPharma (co-founder), and currently serves as the chief executive officer and chief scientific officer of Adesis Inc, a Universal Display Company. He also serves on several National Institutes of Health study sections and is the advisor for multiple private and public biotech companies and venture capital firms.

For most of his career, Dr. Lee applied multidisciplinary approaches in medicinal chemistry and drug development. His focus includes structural elements relevant to selectivity between eukaryotic and prokaryotic systems based on natural products scaffolds, function of eukaryotic transporters in drug deposition and metabolism, and drug resistance factors in prokaryotes. He has exploited the subtle reactivity found within certain natural products for analog discovery and developed synthetic methods to create novel heterocycles for new molecular entities. Dr. Lee was instrumental in the discovery and development of oncology and anti-infective agents against drug-resistant pathogens.

