

2016 Special Honoree Professor Edward C. Taylor



Professor Edward C. Taylor, the A. Barton Hepburn Professor of Organic Chemistry Emeritus at Princeton University, and a former faculty member in our Chemistry Department, yesterday received an Honorary Doctoral Degree from the University of Illinois at the main campus commencement ceremony. Professor Taylor is one of the foremost organic chemists in the world. He is particularly known for his research on heterocycles, which are biologically active organic compounds in which carbon atoms form rings with atoms of other kinds such as nitrogen, sulfur, or oxygen. His research on

a class of heterocycles known as anti-folates led to his discovery in the 1990s of an efficient synthesis of premextred, which became the first drug ever approved for the treatment of mesothelioma, a deadly cancer arising from asbestos exposure. Over 100,000 patients have been treated with this drug since its introduction in 2004. This was a crowning achievement of an organic chemist who has shaped the field of chemistry through his many research achievements and his intellectual leadership.

We would like to express our sincere appreciation to the following people:

The Krannert Center Staff

Aduro Brass

SCS Graphic Services

Dorothy Loudermilk

Marshals

Gretchen Adams

Vera Mainz

Department of Chemistry Staff

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Staci Ryan

Heather Schulze

Star Turner

Department of Chemistry

UNIVERSITY OF ILLINOIS



Convocation

Sunday, May 15, 2016

1:30 p.m.

Tryon Festival Theatre

Krannert Center for the Performing Arts

PROGRAM

Music	<i>Aduro Brass</i>
Processional	<i>Faculty and Graduates</i>
Welcome	<i>Professor Gregory S. Girolami</i> <i>Head, Department of Chemistry</i>
Special Welcome Honoring Professor Edward C. Taylor	<i>Professor Scott E. Denmark</i>
Greetings	<i>Dr. Karen Carney</i> <i>Associate Dean,</i> <i>College of Liberal Arts & Sciences</i>
Introduction of Speaker	<i>Professor Thomas B. Rauchfuss</i>
Speaker	<i>Dr. Catherine J. Murphy</i>
Award Presentation	<i>Professor Gregory S. Girolami</i>
Presentation of Graduates	<i>Professor Gregory S. Girolami</i> <i>Professor Benjamin J. McCall</i> <i>Professor Scott K. Silverman</i>
Closing	<i>Professor Gregory S. Girolami</i>

Immediately following the ceremony, please join us for a reception in the courtyard between Noyes Laboratory and Chemistry Annex, on Mathews Avenue.

2016 Chemistry Convocation Speaker

Photo: L. Brian Stauffer, University of Illinois



Dr. Catherine J. Murphy
Professor, Department of Chemistry

Catherine J. Murphy is the Peter C. and Gretchen Miller Markunas Professor of Chemistry at the University of Illinois at Urbana-Champaign. She earned two B.S. degrees, one in chemistry and one in biochemistry, from U of I in 1986. As an undergraduate, she engaged in organometallic chemistry research in the lab of Professor T. B. Rauchfuss. When she graduated in 1986, she won the Biochemistry Department's Merck Award, and earned a spot on the University's Bronze Tablet, under her maiden name of Catherine A. Jones. She went to the University of Wisconsin-Madison for graduate school and earned her Ph.D. in chemistry in 1990, working on the optical properties of single-crystalline semiconductors under the direction of A. B. Ellis. From 1990-1993 Murphy was a postdoctoral fellow at the California Institute of Technology, working with J. K. Barton on DNA-mediated electron transfer. She joined the faculty of chemistry at the University of South Carolina in 1993 as an assistant professor, teaching general and inorganic chemistry, and starting a research lab in the area of inorganic nanomaterials. Murphy rose through the ranks at South Carolina, winning national awards for her research and local awards for teaching. She was named a Fellow of the American Association for the Advancement of Science in 2008 while at USC. In 2009, she moved back home to Illinois to join the chemistry faculty at the U of I as the Markunas Professor of Chemistry. Her research centers on the synthesis, optical properties, surface chemistry, biological applications and environmental implications of inorganic nanocrystals. She has co-authored over 220 research publications and 4 editions of the general chemistry textbook *Chemistry: The Central Science*, now in its 13th edition. She has trained 21 postdoctoral fellows, 45 graduate students, 115 undergraduates and 17 high school students in her research lab since 1993. Since her return to Illinois in 2009, she won the American Chemical Society's Inorganic Nanoscience Award; was named a Fellow of the Royal Society of Chemistry; was named a Fellow of the American Chemical Society; and is an elected member, U. S. National Academy of Sciences.

Bachelor of Science in Chemistry

Naveed Akhter	George Stephen Kocheril ▶	Krystian P. Pieta
Andrei H. Andreev	Brian D. Lang	Alexander J. Rago
Morgan Kay Bailey	Pei-Yin Lee	Adam J. Sowers ▲
Albert Chang &	Sanghyun Lee	Danyue Su
Rachel I. Christopherson+	Yujeong Lee ㄹ+ *	Hsin-Lung Tsai
Randy Y. Chung	Alice J. Lin	Andrew Wang
Adam J. Corrie	Johnathan J. Lin	Karen Christine Watson
Kevin Khang Dinh	Patrick E. Mannix	Ke Zhang
Nolan T. Galbreath	Kamron Mehtrayin	
Garrett P. Hoepker	Priya Amit Patel	

Bachelor of Science in the Teaching of Chemistry

Ryan W. Cordon	Wills, Jeremy I.
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Master of Science in Chemistry

Ryan P. Brewster	Ji Li	Cody F. Tripp
Michelle Colombo	Bradley A. Nakamura	Jedidiah J. Veach
Christopher Michael Daly	Bryan Joseph Reynolds	Neil Oliver Viernes
Chelsea M. Hadsall	Craig Houghton Seymour	Woojin Yang
Lisa Jacob	Russell Leonard Spatney	Zain Yousaf
Nicole Koeppen	Courtney N. Talicska	Pamela Yuhua Zhang

Master of Science in the Teaching of Chemistry

Peter J. Santa Maria

Doctor of Philosophy in Chemistry

Nardine S. Abadeer	James Neil Hodges	Jacqueline Marie Rankin
Gretchen Adams	Robert W. Hicklin	Howard Steven Roth
Thomas Carlton Allen	Kevin Hwang	Nina Sekerak
Jon Robert Askim	Haley Ann Klitzing	Peter Joel Sempsrott
Yugang Bai	Adam Christopher Knapp	Winnie W. Shia
Tuseeta Banerjee	Maria Lagasse	Melinda Sindoro
Jessica M. Banks	Ivan Lenkov Lenov	Li Huey Tan
Ambika Bhagi	Jun Li	Shiliang Tian
Benjamin M. Brandsen	Ying Li	Chun Ming Edmund Tse
Marshall Richard Brennan	Sichao Ma	Aurora J. Turgeon
Michael Charles Brothers	Tucker Maxson	Marcus Dale Tuttle
Geoffrey M. Chambers	Joel Melby	Ariane M. Vartanian
Jagadeeswaran Chandrasekar	Subha Mukherjee	Peter Lavoton Walters
Wan-Yi Chu	Duc Anh Nguyen	Yang Wang
Lindsey R. Cullen	Freddy Than-Son Nguyen	Sarah Langlois White
Caitlin D. Deane	Lien Thi Thuy Nguyen	Anna J. Wirth
Sarah E. Dowd	Kristin Marie Nuzzio	Hang Xing
Matthew Masashi Endo	Justin L. Oberst	Xiao Yang
Jennifer L. Esbenshade	Ta-Hsuan Ong	Norio Yasui
Chantal V. Garcia De Gonzalo	Thomas Joseph Osberger	Sizhu You
Bradley Michael Gibson	Elizabeth Ivy Parkinson	Yinan Zhang
Elissa M. Grzincic	Igor Petrik	
Matthew Robert Hermes	Michael W. Porambo	

Bachelor of Science in Liberal Arts and Sciences

Adenike O. Adewale-Adelaja	Lisa Catherine Jareczek	Simon Park
Arzeena Sultana Ali ㄹ★	Lauren Elizabeth Johnson	Anjali Patel ≠
Paxton J. Atristain	Taylor K. Jones	Arpit Navin Patel
Linxiao Bai ≠	William Joo	Xin Yi Phang ▲ ≠
Lindsey M. Berg	Kasey A. Karlin ≠	Rishabh Rajesh Poddar
Gurpratap Singh Bhamra	Bora Kim ▲	LaDonte Joesph Prince
Paige D. Booth	Jeonbin Kim	Elaine Quach
Ray M. Birtcher	Jessica Y. Kim	Teresa Ann Radosevich ◆
Jonathan Blair Brewster	Ji-Young Kim	Eric Shawn Ramos
Alexander B. Burzinski ≠	Mi Hee Kim	Luis Manuel Real Hernandez *
Sunny K. Chan	Rahul Rajeev Kini ≠	John Woo Rhee
Xuankang Chen ≠	Conor J. Kitt	Lisette A. Rivera
Garret Lee Clevenger	Kyungwon Ko ▲ ≠	Nichol Joharie Robinson
Jessica E. Clifford	Stephanie N. Konecki ㄹ+ ≠	Jose F. Rodriguez
Sarah A. Collins	Samantha Barbara Kopec + ≠	Anthony M. Roviso
Zachary Donald Daniels	Gento K. Kozuma ≠	Finery Ruan + ≠
Shrinidhi Dawande	Michelle Natalie Kramaric ≠	Nicholas E. Runge
Sonya Amit Dave ㄹ	Sally Shilpi Ladsaria ≠	Andrew D. Sagalov
Evan Jacob Deichstetter	Noelle Stephenee Leary ≠	Omar V. Saldana ≠
William Del Toro	Rahyun Lee	Leslie Segovia
Megan Y. Devoin	Soyoung Lee	In Hea Seo
Alison M. Dougherty	Zack A. Lee	Julie Won Seo
James A. Dubina	Bin Li	Haadi M. Shakir
Austin T. Durlfingler + ≠	Junheng Li ㄹ	Justin C. Shang ㄹ
Jack S. Elliott	Cristina Liang	Katie E. Sherman
Steven W. Entsminger ≠	Jonas Peter Paul Lucas-Lukosevicius	Sana Siddiqui ≠
Chee Hoe Foong	Umama B. Mahmud	Joshua M. Smith ★
Melissa A. Foster & + ≠	Joseph R. Malak-Ismail	Andrew Page Storm ≠
Elissia T. Franklin	Bridget Kelly Maloney	Mengqi Sun
Zoe J. Frankowicz	Alexander Peter Mantis ≠	Cathleen Anna Suresh
Michel Garcia ≠	Anqi Mao ≠	Chye Yuen Tay ≠
Maya S. Gattupalli & + *	Camila R. Marquez	Julie Anne Taylor
Adam Joseph Geier	Dipesh Shaurin Mehta	Christopher M. Villafior
Dominic John Gentile ≠	Kevin R. Mendoza	Quan H. Vo
Patrick Hayden Gerli	Alexis M. Miles ≠	Joshua D. Warner
Zainab Ghouse	Shannon M. Miller ㄹ+ ≠	Dimeji O. Williams ★
Ryan Scott Grady	Aldo J. Molina ≠	Matthew E. Wong
Jeremy C. Ha	Young Jin Na	Melody C. Wong
Ben C. Hauter	Austin J. Naal	Mary T. Wroblewski ≠
Karen Angelina Herdiman ◆	Torie R. Nawa	Nora E. Yanahan
Mary N. Hong ≠	Diep Nguyen	Jae Eun Yoo
Jacob Cole Hood	Michael Hoang-Tuan Nguyen	Louis Zatarski
Yinzhao Huang ㄹ	Aileen C. Nolan ≠	Jiawei Zhang &+
Matthew G. Hultine ≠	Jasmine N. Oliver	Michelle Zheng
Matthew I. Hwang	Michael James Pajor + ≠	Tianxing Zhou
Taehwan Hwang	Christopher S. Para ㄹ ≠	Yuqi Zhou
Akshay Jain ≠	Jung Mi Park	Feng Zhu & ≠ *

This program contains an unofficial list of candidates for Spring 2016 and Summer 2016 graduation and a list of graduates who received degrees in Summer 2015 and Fall 2015. 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.

* Bronze Tablet recipient
& Phi Beta Kappa
▶ Distinction

Chancellor's Scholar
≠ Double or Triple Major
▲ High Distinction

+ James Scholar recipient
◆ Dual Degree
ㄹ Highest Distinction

★ Chemistry Merit Program for Emerging Scholars