

Periodic Tabloid

Chemistry and Chemical Engineering Division at Caltech

Vol 6, No 2, Spring 2014

CCE Division Faculty Honors and Awards News for Spring 2014

Dr. John F. Brady, Chevron Professor of Chemical Engineering and Mechanical Engineering and Executive Officer for Chemical Engineering has been elected to the American Academy of Arts and Sciences, which is "one of the nation's oldest learned societies and independent policy research centers," which "convenes leaders from the academic, business, and government sectors to address critical challenges facing our global society."



Professor J.K. Barton, wins the Priestley Prize!



Jacqueline K. Barton, Arthur and Marian Hanisch Memorial Professor and Professor of Chemistry; Chair, Division of Chemistry and Chemical Engineering, will receive the Priestley Medal, the American Chemical Society's highest honor, in 2015. Dr. Barton "is receiving the award for her work on electron transport in DNA, her dedication to training young investigators, and her unwavering support for the chemistry enterprise." CCE Division congratulates Professor Barton for her medal.



Dr. Mark E. Davis, Warren and Katharine Schlinger Professor of Chemical Engineering, will receive the 2014 Prince of Asturias Award for Technical and Scientific Research. "Named after the Crown Prince of Spain, this is the highest scientific recognition in Spain and one of the most coveted European scientific awards. Of course, they are recognized for their great work on microporous and mesoporous materials. The award will be given in a wonderful September ceremony at Oviedo, Asturias, Spain in the presence of

Crown Prince Felipe."

Dr. Greg Fu, Altair Professor of Chemistry, has been elected to the National Academy of Sciences. "Members are elected to the National Academy of Sciences in recognition of their distinguished and continuing achievements in original research. Membership is a widely accepted mark of excellence in science and is considered one of the highest honors that a scientist can receive."





Photo by Agnes Tong

Congratulations to the CCE grads of 2014!

Caltech's 120th annual commencement ceremony took place at 10 a.m. on Friday, June 13, at Beckman Mall. Dr. Daniel H. Yergin, Pulitzer Prize-winning author and leading energy scholar, presented the keynote address.

Bachelor of Science

Eli Alster
 Andrew William Bartlett
 Pallavi Bugga
 Christine Cheng
 Connor Wilson Coley
 Ashley Zhang Guo
 Jessica Wenshan Hsu
 Siduo (Stone) Jiang
 SooEun Kim
 Rebekah Zang Kitto
 Thomas Tai-min Kwok
 Sung Min Kwok
 Stephanie Midori Laga
 Erica Mun-Chi Leung
 Jingyuan Li
 Tianxiang (Albert) Liu
 Katja Edeltrud Luxem
 Kanenori Okamoto
 Samantha Piszkiwicz
 Anna Katherine Ross
 Iva Rreza
 Jonathan Samuel Schor
 Stanford Jeremy Schor
 Jeff Shen
 Seorim Song
 Benjamin Adam Suslick
 Matthew Gregory Voss

Perren Yang
 Jessica Sukfun Yeung

Master of Science

Taryn Langley Campbell
 Brian John Chmielowiec
 Michelle Siobhan Dee
 Mark Austin Deimund
 Carissa Nicole Eisler
 Isaac Steven Fees
 Cristofer Addison Flowers
 Xun Gu
 Michael Joseph Ignatowich
 Joey D. Kim
 Kyle Otto Lakatos
 Rachel Liontas
 Renee Catherine McVay
 William Joseph Napier
 Theodore Michael Present
 Baoqing Zhou

Doctor of Philosophy

Artemis Ailianou
 David Akopian
 John Stuart Anderson
 Aileen Renia Ariosa
 Joseph Allen Beardslee

Ricardo Bermejo De Val
 Alexandria H. Berry
 Evans Boney
 Jeffrey Paul Bosco
 Joshua Micah Brown
 Julian Andrew Codelli
 Kristina Nicole-McCleary Daeffler
 Kaycie Marie Deyle
 Crystal Noelle Dilworth
 Noah Hanville Duffy
 Maraia Emily Ener
 Joseph James Ensberg
 Ross Fu
 David Gleason-Rohrer
 Jason Daniel Goodpaster
 Myles Benton Herbert
 Jeffrey Clinton Holder
 Daniel Brian Holland
 Seokmin Jeon
 Paul Kelley
 Rachel Christine Klet
 Alexis Christine Komor
 Judith Rebecca Cabelli Lattimer
 Taylor Nichole Baker Lenton
 Sibo Lin
 Wei-Guang Liu
 Ying Ying Lu
 Artur R. Menzelev
 Paul Joseph Minor



Yun Mou
 Timothy Paul Mui
 Raul Navarro
 Jessica Pfeilsticker
 Catrina Gale Pheeny
 Paul Peter Pirogovsky
 Madalyn Rachel Radlauer
 Lindsay Michelle Repka
 Caitlin Eileen Scott
 Gloria J. Sheng
 Bing Sun
 Benjamin Ragnar Sveinbjornsson
 Frederick Eng Houw Tan
 Emily Yuan Tsui
 Ethan B. Van Arnam
 Joseph Varghese
 James Vincent Vowels
 Ming-Hsin Wei
 David Craig Wiggenhorn
 Fei Yang
 John Thomas Schafer Yeoman



CCE congratulates the students who received awards in 2014



The 2014 Herbert Newby McCoy Award Seminar took place on Thursday, June 12th, at the Sturdivant Lecture Hall (153 Noyes). This cash award is made annually to a graduate student in chemistry to acknowledge an “outstanding contribution to the science of chemistry.” The awardee is chosen by a faculty committee, based on solicited nominating packages, and the award-winning research is presented in a formal divisional seminar given by the awardee. The McCoy award was established in 1965 as a result of a bequest of Mrs. Ethel Terry McCoy to honor her husband, who did pioneering work in the chemistry of rare earths and was associated with Caltech through collaboration with chemists Linus Pauling and Howard Lucas.

This year’s McCoy awardees were John Anderson (Peters Group), Alexis Komor (Barton Group), and Emily Tsui (Agapie Group). The 3:30 p.m. symposium was followed by a reception at the Schlinger building courtyard.

Undergraduate prizes included the Richard P. Schuster Award, received by Stone Jiang, the Merck Award, received by Albert Liu, and the Renuka Sharma Award, received by Curtis Carsch.





CCE faculty show their appreciation to the staff in a picnic

Dr. Jackie Barton, CCE Division Chair and Judy Stanton, Division Administrator, invited the staff to attend the annual CCE Staff Appreciation Picnic. This event took place at noon on Tuesday, June 10, 2014. CCE faculty and staff enjoyed lunch, soft drinks, and ice cream bars in Tournament Park. Some retirees also attended. CCE graduate students surprised the staff with large “Thank You” cards, which were signed by the students and displayed at the picnic.

Congratulations to CCE staff members who received 2014 Service Awards

10 Years

Magnolia (Maggie) Sabanpan
Judith (Judy) Stanton
Alvin Torres
Michael Vivic
Serguei Zybine

15 Years

Jeffrey (Jeff) Groseth
Sonjong Hwang

20 Years

Yvette Grant
Alison Ross
Yuling Sheng

25 Years

Maureen Renta

Welcoming Kar-Li, CCE’s Newest Grant Manager

Kar-Li Wong joined the CCE Fiscal Office as their newest grant manager on May 19th, 2014. She is a graduate of University of Massachusetts where she received her BS degree.



Kar-Li came from Harvard School of Public Health, where she held the position of Grants Manager, assisting Principal Investigators in the financial aspect of their research proposals. She is well qualified in the various responsibilities of grants management, and will be a great addition to the present CCE team of fiscal officers.

CGSC Summer Seminars

The Chemistry Graduate Studies Committee (CGSC) is excited to announce the CGSC Summer Seminar Series. Each year, five faculty members from CCE are invited to present seminars on their research on Friday afternoons throughout the summer. This year's faculty members, dates, and locations are:

- Prof. Harry Gray: June 27th in 22 Gates at 4:00 p.m.
- Prof. Dennis Dougherty: July 18th in 153 Noyes at 4:00 p.m.
- Prof. Geoff Blake: August 1st in 153 Noyes at 4:00 p.m.
- Prof. Brian Stoltz: August 29th in 153 Noyes at 4:00 p.m.
- Prof. Konstantinos Giapis: September 5 in 153 Noyes at 4:00 p.m.

These seminars are open to all members of the Caltech community, enabling everyone to see the fantastic research going on within the Division from the professors themselves.

Each seminar is followed by a CCE Social Event.



CCE Division
congratulates

Sarah E. Reisman

for her promotion to
“Professor of Chemistry”
with tenure.

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