

Periodic Tabloid

Chemistry and Chemical Engineering Division at Caltech

Vol 4, No 3, Summer 2012

Congratulations to the CCE grads of 2012!

Caltech's 118th annual commencement ceremony took place at 10 a.m. on Friday, June 15, at Beckman Mall. Elon Musk, founder and CEO of Space Exploration Technologies (SpaceX) and Tesla Motors and chairman of SolarCity, presented the keynote address. (Complete coverage is available at <http://commencement.caltech.edu/>)

Bachelor of Science

Marissa Christina Barrientos
Geoffrey Stephen Beck
Jacqueline Chan
Rebecca Pei-Ying Chen
Emmet Martin Cleary
Elizabeth Decolvenaere
Samuel Scott Elder
Clara Hoifung Eng
Andrew Jonathan Gong
Luis Francisco Guerra
Thomas John Heavey IV
Wilson C. Ho
Anna Sergeevna Ivanova
Mythili Kasturi Iyer
Arvind Kannan
Daniil Andreevich Kitchaev

Theodore Konstantinos Koenig
Hanna Rachela Kuberczyk
Nadia Chantal Lara
Nicole Ann Levac
Christopher Li
Harold Bert Martin
Shannon Rose Mohler
Nathan David Morison
Eva Megan Nichols
Amy Celeste Proctor
Keshav Sunil Sapatnekar
Juying Shang
Jade Shi
Natnaree Siriwon
Alexandra Souverneva
Vincentius Jeremy Suhardi
Sylvia Camille Sullivan
Jessica Gabrielle Swallow

Jordan Corinne Theriot
Margaret Jing Yi Tse
Marissa Liana Weichman
Jacqueline Tingxue Wu
Larissa Jennie Yee
Qinren Zhen
Xida Zheng



Master of Science

Christopher Teng Balmaseda
Alicia Chang
Matthew Mitchell Coggon
Maria-Eleni Dimotsantou
Brandon Nicholas Dotson
Amy Fu
Joshua Thomas Green
Meisam Hajimorad
Boram Daniel Hong
Dennis Lok Ko
Erin Christine Lamb
Kenneth James Lotito
Schetema Antuanette Nealy
Paul Peter Pirogovsky
Russell Eugene Roberson
Charles Gregor Slominski
Vincentius Jeremy Suhardi
Kai Pui Yuet

Jason M. Gamba
Wendy Mercer Geil
Christopher Dennis Gilmore
Sean M. A. Kedrowski
Gregory Michael Kimball
Russell Scott Komor
Jean Li
Joe Chih Yao Liang
David Alexander Long
Andrew Richard Metcalf
John Tuan Ngo
Paul Frederick Oblad
Leslie Esther O'Leary
Eric Daniel Olmon
Nyssa Leigh Puskar
Philip A. Romero
Hang Song
Pamela Alisa Sontz
Matthew Kiran Sprague
Pamela Michele Tadross
Ayumi Takaoka
Douglas Weng Wah Tham
Patrick Lauren Theofanis
Renee Michelle Thomas
Ian Albert Tonks
Ryan Matthew Turner
Edward Charles Weintrob
Jen-Kan Yu
Zhaoyan Zhu
Jonathan Eric Zuckerman

Doctor of Philosophy

Angela Patricia Blum
Mu-Jeng Cheng
Jelena Culic-Viskota
Andrew Joseph Downard
Alec Charles Durrell
Kate Elizabeth Galloway







Congratulations to CCE students who received awards in 2012

The 2012 Herbert Newby McCoy Award Seminar took place on Thursday, June 14th, 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 Pamela Sontz and Ayumi Takaoka. Pamela spoke of her research to CCE faculty, students, staff, and to visiting family and friends, and Ayumi participated via Skype from Japan. The seminar was followed by a reception at the new Schlinger building courtyard.

Undergraduate prizes included the Richard P. Schuster Award, received by Eva Megan Nichols, the Renuka Sharma Award, received by Chris Kim, and the Merck Index Award, received by Wilson Ho.



Congratulations to CCE faculty who continue to honor the Division with news of their awards

Dr. Theodor Agapie, Assistant Professor of Chemistry, has received the 2013 American Chemical Society (ACS) Award in Pure Chemistry which "recognizes and encourages fundamental research in pure chemistry carried out in North America by young men and women."



Dr. John F. Brady, Chevron Professor of Chemical Engineering, has received the 2012 American Physical Society (APS) Fluid Dynamics Prize "For his seminal contributions to the rheology of complex fluids, for creating the Stokesian Dynamics technique for predicting the macroscopic properties of concentrated suspensions under shear, and for his services to Fluid Dynamics as Associate Editor and Editor, respectively, of two top journals."



Dr. Julia A. Kornfield, Professor of Chemical Engineering, has received the Graduate Student Council (GSC) Award for Excellence in Mentoring at Caltech, which acknowledges individuals who provide outstanding support of graduate students as they progress toward their degrees at Caltech and in the critical first years of their career after they graduate.



Dr. Thomas F. Miller, Assistant Professor of Chemistry, has received the Associated Students of the California Institute of Technology (ASCIT) Teaching Award, which acknowledges individuals who demonstrate a commitment to furthering education.



Dr. Sarah E. Reisman, Assistant Professor of Chemistry, has received the 2012 Camille Dreyfus Teacher-Scholar Award, which "supports the research and teaching careers of talented young faculty in the chemical sciences."

Dr. Reisman has also received the Cottrell Scholar Award from the Research Corporation for Science Advancement (RCSA), which "recognizes leaders in integrating science teaching and research at America's top research universities."



The most recent announcement is that Dr. Reisman has received the 2013 American Chemical Society (ACS) Arthur C. Cope Scholar Award, which "recognizes outstanding achievement in the field of organic chemistry."



Dr. Shu-ou Shan, Professor of Chemistry, has received the 2013 ASBMB (The American Society for Biochemistry and Molecular Biology) Young Investigator Award, which recognizes outstanding research contributions to biochemistry and molecular biology.

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, which Jackie described as an opportunity for the faculty to come together to acknowledge the staff's many contributions in making our Division great. This event took place at noon on Wednesday, May 30, 2012. CCE faculty and staff enjoyed barbecue, soft drinks, ice cream, games, and a magic show in Tournament Park.



Professor Agapie welcomes his first baby

Robert Tudor Agapie was born to Theodor Agapie, Assistant Professor of Chemistry, and his wife Smaranda. The baby boy was born on Monday, May 14, 2012 at 9:14 am. He was 8 lbs 9 oz and 21.5 inches long. Robert is their first baby.

New staff members join CCE

Elizabeth Callihan joined the Division's administrative team as Business Operations Manager effective July 1. Liz was formerly the Grant Manager/Financial Analyst for JCAP. Prior to joining JCAP Liz held Grant Manager and Project Director positions at Chaffey College, and Business Manager and Public Relations Manager positions at Children's Hospital Los Angeles and Catholic Healthcare West.



Rosine Sarafian joined the CCE Fiscal office as their newest grant manager. Rosine comes to Caltech from USC where she held the position of Senior Department Manager, Department of Biochemistry and Molecular Biology. She is well qualified and versed in the various responsibilities of grants management. Rosine will be a great addition to the team of grant managers in the Division.

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