NORTH CAROLINA STATE UNIVERSITY

SPRING COMMENCEMENT

May 9, 2014

DEPARTMENT OF
CHEMICAL AND BIOMOLECULAR ENGINEERING

Graduation Ceremony

Talley Student Union
North Carolina State University
Raleigh, North Carolina

7:00 - 8:30PM
DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING
GRADUATION CEREMONY

Friday, May 9, 2014

Program

7:00 PM  Introductory Remarks and Introduction of the Faculty
Dr. Peter Fedkiw, Department Head

Introduction of Alumni Speaker
Dr. Peter Fedkiw

Remarks by Alumni Speaker
John O’Quinn

Introduction of Student Speaker
Dr. Lisa Bullard

Remarks by Student Speaker
Joshua Chappell

Recognition of Graduates

8:30 PM  Closing

Faculty and Staff

Amy M. Alexander  Kirill Efimenko  Harold B. Hopfenberg E  Gregory N. Parsons
Sandra S. Bailey  Peter S. Fedkiw  Robert M. Kelly  Steven W. Peretti
Ken Beatty E (deceased)  Richard M. Felder E  Saad A. Khan  Balaji M. Rao
Chase L. Beisel  Michael C. Flickinger  Shirley Kow  Gregory T. Reeves
Kathleen Berding  Jan Genzer  H. Henry Lamb  Erik E. Santiso
Lisa G. Bullard  Christine S. Grant  Fanxing Li  Barbara E. Smith
Ruben G. Carbonell  Keith E. Gubbins  P.K. Lim  Richard J. Spontak
Matthew E. Cooper  Carol K. Hall  Mark D. Losego  Alison J. Stieglitz
Joseph M. DeSimone  Diane F. Harper  June W. McKoy  Orlin D. Vele
Michael D. Dickey  Jason M. Haugh  David F. Ollis  Phillip R. Westmoreland
Saundra L. Doby  Sheila M. Hayes  Russ O’Dell  Hubert Winston
Angela Efimenko  Wesley A. Henderson  Joan O’Sullivan  Ching-Kit Yeung

E - Emeritus

Student Marshals

Michael Burroughs, Omar Knio, Kasey Koballa, Jesseeca Nguyen, Ethan Smith
Alumni Speaker – John O’Quinn

John O’Quinn is a native of Fuquay-Varina, North Carolina. He earned his B.S. in Chemical Engineering and a B.A. in Multidisciplinary Studies from NC State in 1996, where he was Student Body President, valedictorian, a John T. Caldwell Scholar, and a Benjamin Franklin Scholar. He subsequently earned masters’ degrees from Oxford University, where he was a Fulbright Scholar, and MIT, where he was a NSF Fellow. He graduated first in his class from the Harvard Law School in 2001. John is a partner with the law firm of Kirkland & Ellis LLP in Washington, D.C. His practice focuses on litigation, including intellectual property disputes, commercial litigation, regulatory matters, and other complex litigation matters at the trial and appellate levels. From 2006 to 2009, John served in the U.S. Department of Justice as Deputy Associate Attorney General and Deputy Assistant Attorney General in the Civil Division. He was responsible for helping to oversee much of the government’s civil litigation, and in 2009 was awarded the Office of the Secretary of Defense Medal for Exceptional Public Service for his leadership in defending the Department of Defense in lawsuits challenging the detention and trial of enemy combatants captured abroad by United States Armed Forces. John previously served as special counsel to the U.S. Senate Judiciary Committee for the nomination of Chief Justice Roberts, and was a law clerk for U.S. Supreme Court Justice Antonin Scalia. John and his wife Amy reside in Mclean, Virginia with their three children.

Student Speaker – Joshua Chappell

Joshua Chappell is a native of Goldsboro, NC. He graduated from the NC School of Science and Mathematics in 2010 in Durham, NC, and was awarded the Park Scholarship at NC State. Joshua is graduating magna cum laude with a degree in Chemical Engineering and minors in Biotechnology and Spanish. During his time at NC State, Joshua served as director of the Krispy Kreme Challenge, which is the largest private charitable donor to the NC Children's Hospital, and participated in two international experiences in Spain and Nicaragua. A member of the Tau Beta Pi engineering honor society, he completed research in the lab of Dr. Gregory Reeves and was a senior staff writer for the Technician newspaper. Joshua completed two internships at Novartis Vaccines & Diagnostics in the influenza vaccination production facility in Holly Springs, NC, and after graduation he will join Deloitte Consulting in Washington, DC as a business technology analyst.
Doctor of Philosophy Recipients

Ezinne C. Achinivu  Dennis Wayne McOwen
Advisor: Dr. Wesley Henderson  Advisor: Dr. Wesley Henderson
Aaron Bradley Hawkins  Arpan Mukherjee
Advisor: Dr. Robert Kelly  Advisor: Dr. Robert Kelly
Khosrow Khodabandehlou  Keyi Sun
Advisors: Dr. Joseph DeSimone and  Advisor: Dr. H. Henry Lamb
Dr. Saad Khan
Hong Lian
Advisor: Dr. Robert Kelly

Master of Science Recipients

Martin Kyle Dufficy  Liudmila Nikitsina (D)
Clifford P. Kowall (D)  Stephen Christopher Ramick (D)
Alexander Munoz (D)

D – Distance Education Program

Graduate Student Accomplishments

- Ezinne Achinivu – Dean’s Fellowship, 2010-2011; GSA Secretary, 2011; ECS Travel Grant, 2012; Recruiting Captain, 2013; NSF Fellow (ACS Green Chemistry Institute), 2013; Certificate of Accomplishment in Teaching, 2014
- Aaron Hawkins – GAANN Fellowship, 2009-2011; Dean’s Fellowship, 2009; 1st place in Oral presentation, Edward M. Schoenborn Graduate Research Symposium, 2014; Graduate Recruiting Captain, 2011; Graduate Research Award, 2009
- Dennis McOwen - Dean's Fellowship, 2010-2011; GSA Vice President, 2011-2012; 2nd place in Oral presentation, Edward M. Schoenborn Graduate Research Symposium, 2014
Bachelor of Science Graduates

John Cullen Alexander
Firass Nasir Amra
Sean Patrick Auffinger *
Christopher Daniel Austin *
Alyson Gray Avent * (S)
Rebecca Ann Baker *
Emma Adelaide Barber ** (UHP)
Benjamin Freeman Barker **
Jeffrey Lee Basey
Keith Marshall Bastow-Cox **
Elsie Victoria Bjarnason ** (UHP)
Robert Jarett Bliton ***
Harley Hazen Blodgett, IV
Jeffrey Lee Boose
Sawyer Austin Hubbard
Karam Farhan
Bradley Scott Farnham
Juhi Ruth Fernandez *** (V)(C)
Dwayne Mark Foster, Jr.
Jonathan Everette Burton Fox ** (S)
Jeramey Robert Friedman
Kathryn Elizabeth Gaither (C)
Joshua Ryan Gardner
Sarah Ezzat Gharavi
Haley Marie Hanes *** (V)
William Harrison Harper #
Joshua Lee Harris *
Matthew Christopher Harrison
Sarah Michelle Harter
Michael Peter Hassett * (C)

Andi Lee Hawksley *** (S)
Nicholas Van Healy *
Tracy Marie Hendrick
Elvira Hernandez * (S)
Deison Lorenzo Hodgson ***
Charlotte Faye Holt
Sawyer Austin Hubbard
Shehab Foiz Imam
Jordan Anthony Jones
William Mitchell Jones *
Jorge Aristide Joya
Rachael Ann Kandray **
Monica Karamitrov ***
Kendre Brooke Kesler
Faryal Masood Khan **
Claire Elizabeth Kilmer *** (V)
Branson Alexander Kinsey ** (UHP)
Christopher Scott Kinyon
Joshua Wayne Kirbo
Andrew James Kocot
Matthew Alan Kott
Michael Dale Lane ** #
Amy Leslie Lawrence **
Andy Park Lee **
Jonathan David Lewis
Michael Andrew Lindler ** (UHP)
Alexander David Lloyd * (S)
Dillon Marshall Love *** (H)(S) #
Lauren Elizabeth Lownes *** (V)
Nathan Brown Madison
Malika Malhotra
Andrew Kendrick Manuelpillai **
George Cameron Marshall
Curtis Patrick Martin **
Robert Michael McGonigle ** (UHP)
Hugh Thomas McTernan
Paul Manuel Mera **
Jonathon Cory Mihu
Mallory Meredith Moran * (C)(S)
Krista Ann Morris
Carson Allen Moss **
Adam Steven Mullis *
Nicholas Paul Murphy ***
Michael Anthony Nacario *** (V)(H)
Jessica Nicole Nida * (UHP)
Nicole Marie Palombit (C)
Kayla Elyse Peck *
David Claston Phipps **
Stephanie Renee Presley

Neil Stephen Quinn **
Bryan Samuel Raborn *** (V)(C)
William Benton Riordan ***
Ian Alexander Rogers *** (S)
Evan Harrel Scott *
Stephanie Nicole Seals (C)
Brandi Lashea Shaw
Zia Lynn Sherman
Nicholas John Shimko
Matthew Jacob Shurer *** (V)(C)
Ethan Christopher Simmons *
Kornkanok Sintavanon *
Austin Craig Smith
Ethan Raleigh Smueo Smith (C)
Teresa Bailey Smith **
Sheila Sodagar
Christopher George Stamopoulos * (C)
David Casey Stenger
Phillip Alexander Sullivan **
Andrew Lewis Talarico
James Devon Tang ** (C)
Alexander Swain Thomas ** (UHP)
Taylor Aubrey Thornton *** (S)
Aidan Marcel Torrence
Nalinee Treerat
Allyson Leigh Tucker
Tasha Latonya Tucker
Yik Shing Tung ***
Spencer Rieser Tuttle
Michael Anthony Valeri **
Ryan Thomas Vest *** (V) #
Reid Connor Vey (C)
Kevin Lee Vincent **
Tyler James Vogel
Katherine Leigh Wagner
Erin Margaret Walsh
Ziren Wang *
Christian Tyler Whaley
Steven Kelly White Jr.
David Nelson Williams **
Drew Edward Williams ***
Kristin Ann Williford
Brittany Leigh Wilson **
Meghan Elizabeth Wilt *** (V)(UHP)
Justin Brantly Wood
Alexis Grace Xenakis *** (UHP)
Jay Yang
Christopher Michael Zaino

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
# Summer 2014 graduate
C – Cooperative Education Program
UHP – University Honors Program
H – Departmental Honors Program
V – University Valedictorian (4.0 GPA)
S – University Scholars Program
### Additional Student Degrees and Minors

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree and Minors</th>
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<tbody>
<tr>
<td>John Cullen Alexander</td>
<td>BS Paper Science &amp; Engineering</td>
</tr>
<tr>
<td>Firass Nasir Amra</td>
<td>Physics Minor</td>
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<tr>
<td>Christopher Daniel</td>
<td>Biotechnology Minor</td>
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<td>Austin</td>
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<tr>
<td>Rebecca Ann Baker</td>
<td>Biomanufacturing Minor</td>
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<tr>
<td>Emma Adelaide Barber</td>
<td>Food Science Minor</td>
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<tr>
<td>Robert Jarett Bliton</td>
<td>Spanish and Biomanufacturing Minors</td>
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<tr>
<td>Harley Hazen Blodgett</td>
<td>Biomanufacturing Minors</td>
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<tr>
<td>Michelle Lauren Blood</td>
<td>BS Paper Science &amp; Engineering</td>
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<tr>
<td>Geoffrey Stephen Bogner</td>
<td>BS Paper Science &amp; Engineering</td>
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<tr>
<td>Kelsey Elizabeth Boykin</td>
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<td>Julie Kathleen Boyles</td>
<td>Spanish Minor</td>
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<td>Timothy Jacob Brantley</td>
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<td>Michael Alan Brews</td>
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<tr>
<td>Colin Michael Buchanan</td>
<td>Materials Science &amp; Engineering Minor</td>
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<tr>
<td>Nicholas Wilson Capets</td>
<td>Biotechnology &amp; Economics Minors</td>
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<td>Joshua Russell Chappell</td>
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<td>Zachary Tyler Culberson</td>
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<tr>
<td>Shivalik Daga</td>
<td>Statistics Minor</td>
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<tr>
<td>Lisa Ann D’Costa</td>
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<tr>
<td>Daniel Wayne Dudley</td>
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<td>Tabitha Preston English</td>
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<td>Bradley Scott Farnham</td>
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<td>Middle Eastern Studies Minor</td>
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<td>Matthew Jacob Shurer</td>
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**Photographs from graduation, including individual photos of each graduate and the class photo, can be ordered at www.JimmyAllenPhotography.com**

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