



Dear Engineering Graduates:

On behalf of the faculty and staff of the UIC College of Engineering, congratulations! This weekend is a celebration of your hard work and persistence in one of the most demanding curricula at this university. It is an achievement of which you and your family can be justly proud.

I know you will find that your education has prepared you well for the demands of our profession. You will find that you can compete with anyone out there in the work place. You will also find that the time-management skills you have had to develop as an engineering student will set you apart from others. Many UIC engineering graduates have risen rapidly in their careers, and I know many of you will do the same. However, remember that your education does not end when your formal education is over. The rapid changes in technology, coupled with global competitiveness, will require a commitment to lifelong learning and to the applications of a new and expanding body of knowledge.

So, welcome to the ranks of the 23,000-plus men and women who have graduated from the UIC College of Engineering. I encourage you to become active alumni, to come back often, and to continue to engage with our students and faculty.

With most sincere congratulations and best wishes for success in your careers,

A handwritten signature in cursive script that reads "Peter Nelson". The signature is written in dark ink on a white background.

Peter Nelson
Dean and Professor

Class of 2014

MASTER OF CEREMONIES **Michael McNallan**

Associate Dean

PROCESSIONAL **UIC Wind Ensemble**

José O. Riojas, Director

Deans, Faculty, and Honored Guests

Led by Faculty Marshals

Danilo Erricolo Electrical and Computer Engineering
 Craig Foster Civil and Materials Engineering

Students

All MS, MEng, and PhD graduates are led by a marshal and grand marshal.
 Groups of BS graduates are led by their respective departmental faculty marshals and grand marshal.

Department Faculty Marshals

Hananeh Esmailbeigi Bioengineering
 Ludwig Nitsche Chemical Engineering
 Bo Zou Civil and Materials Engineering
 Dale Reed Computer Science
 Igor Paprotny Electrical and Computer Engineering
 Michael Scott Mechanical and Industrial Engineering
 Howard Rockman PhD, Master of Science, Master of Energy Engineering, and Master of Engineering

SINGING AND PLAYING OF “THE STAR-SPANGLED BANNER” **UIC Wind Ensemble**

(words on the page 51)

Kathy Corcos, Engineering Career Center

WELCOME AND OPENING REMARKS **Peter Nelson**

Dean and Professor

Paula Allen-Meares

Chancellor of the University of Illinois at Chicago

COMMENCEMENT ADDRESS **Christopher B. Burke**

President of the Christopher B. Burke Engineering, Ltd.

PRESENTATION OF AWARDS **Peter Nelson**

UIC Silver Circle Award for Excellence in Teaching **Nantaporn Ratisoontorn**

Visiting Assistant Professor, Mechanical and Industrial Engineering

Harold A. Simon Award for Excellence in Teaching TBA

Bell Honor Award	Erik D. Osland BS in Industrial Engineering Magna cum Laude Summer 2013	Andrew Julius Mattson BS in Civil Engineering Summa cum Laude Fall 2013	Julie B. McEneaney BS in Bioengineering Summa cum Laude Fall 2013
	Yuyang Bai BS in Computer Science Summa cum Laude Spring 2014	Nikhil Krishna Bommakanti BS in Bioengineering Summa cum Laude Spring 2014	Nedda Djavid BS in Civil Engineering Summa cum Laude Spring 2014
	Monika Jonuskeviciute BS in Chemical Engineering Summa cum Laude Spring 2014	Emil Joseph BS in Bioengineering Summa cum Laude Spring 2014	Sarah J. Wiersema BS in Chemical Engineering Summa cum Laude Spring 2014

RECOGNITION OF SPECIAL STUDENT ACHIEVEMENTS Michael McNallan
Associate Dean**Members of Eta Kappa Nu, Pi Tau Sigma, Tau Beta Pi,
Alpha Eta Mu Beta, and the Honors College Michael McNallan****Student Leadership Activities Michael McNallan****STUDENT ADDRESS FOR THE CLASS OF 2014 Nedda Djavid**
BS in Civil Engineering**DEGREE CONFERRALS (see list on page 22) Paula Allen-Meares****Presentation of PhD Degree Candidates Jonathan Art**
Associate Dean, Graduate College**Presentation of MS Degree Candidates Jonathan Art****Presentation of Professional MEng Degree Candidates Peter Nelson****Presentation of BS Degree Candidates Peter Nelson****Department Heads**

Thomas Royston	Bioengineering
Sohail Murad	Chemical Engineering
Farhad Ansari	Civil and Materials Engineering
Robert Sloan	Computer Science
Rashid Ansari (Interim)	Electrical and Computer Engineering
Farzad Mashayek	Mechanical and Industrial Engineering

CLOSING REMARKS Michael McNallan**RECESSIONAL Music by UIC Wind Ensemble**
Audience is requested to remain seated until the academic recession is completed.

RECEPTION	Student Services Building Immediately following ceremony
Slide show presentation	Ronald Fernandez Engineering Media Center

ENGINEERING HONORS

Harold A. Simon Award for Excellence in Teaching is presented by the College of Engineering to a faculty member who exemplifies the dedication, distinguished service, and excellence in teaching that were the hallmarks of the late Dr. Simon's career. This award was established in 1985 to honor the memory of Dr. Harold A. Simon, a professor of mechanical engineering who served the college during its early years.

Bell Honor Award represents the oldest tradition in the College of Engineering. It predates the formation of the university on the current site. The award has been given since 1951 to the engineering student with the highest projected cumulative grade point average of each semester's graduating class. Recipients' names were formerly inscribed on a historic locomotive bell donated by friends of the university. Since no room for engraving remains on the bell, recipients' names are now added to a permanent plaque donated by the Engineering Alumni Association.

Alpha Eta Mu Beta is the national honor society for biomedical engineers. Election to the National Biomedical Engineering Honor Society is based upon distinguished scholarship, leadership, and exemplary character.

Eta Kappa Nu is the international honor society for electrical engineers. Election is based upon scholarship, character, voluntary service, and distinguished accomplishments.

Pi Tau Sigma is the national honor society for mechanical engineers. The society values ethics, concern for the environment, and community as important characteristics for membership.

Tau Beta Pi is the national engineering honor society to which students are elected by their peers on the basis of outstanding scholastic achievement, exemplary character, and community service.

Student Leaders in the college and elected student leaders in one of the professional engineering societies are recognized for their contributions.

KEYNOTE SPEAKER—CHRISTOPHER B. BURKE



Christopher Burke, PhD, professor of civil and materials engineering, grew up in the south suburbs of Chicago and attended Purdue University where he earned his bachelor's, master's, and doctoral degrees in civil engineering. In 1986, he founded Christopher B. Burke Engineering, Ltd., which has grown to more than 225 employees. The Burke Group, which includes affiliated companies, totals more than 400 staff members with nine offices located in Indiana and Illinois. The companies provide a wide range of civil and mechanical engineering services to both public- and private-sector clients.

Utilizing his expertise in hydraulics and hydrology, Dr. Burke has taught water resources and design-related classes at UIC in the Department of Civil & Materials Engineering (CME) for the past thirteen years. He serves on both the CME and Dean's Advisory Councils and has funded UIC student scholarships, faculty teaching awards, and a presentation competition for PhD students. In 2006, Dr. Burke and his wife funded the rehabilitation of UIC's CME Water Resources Lab.

Last year, Dr. Burke received distinguished member status from the American Society of Civil Engineers (ASCE) as well as the American Public Works Association (APWA) Top Ten Leaders distinction. He has also received the ASCE Edmund Friedman Award, the Illinois Association of Stormwater and Floodplain Managers Lifetime Achievement Award, and the Western Society of Engineers Charles Ellet Award, among other professional society recognitions.

He is the recipient of an honorary doctorate from Purdue (2010); the President's Lifetime Achievement Award from the Purdue Engineering Alumni Association; the Distinguished Engineering Alumni; and the Outstanding Civil Engineering Alumni Achievement Award.

Dr. Burke also has served as president of the Illinois Section-ASCE; the American Council of Engineering Companies-IL; the Western Society of Engineers; and the chair of the Purdue President's Council. He currently serves as chair of the Conservation Foundation and on the boards of the Morton Arboretum, the Wetlands Initiative, Metropolitan Planning Council, Max McGraw Wildlife Foundation, and the College of DuPage Foundation. For the last decade, he has chaired the Chicagoland Engineers Week Committee.