



---

# COMMENCEMENT

---

December 11, 2015

**THE  
UNIVERSITY OF  
ILLINOIS  
AT  
CHICAGO**







**Edward L. McMillan**  
Chairman of the Board  
of Trustees

Greetings UIC Graduates:

On behalf of the Board of Trustees and the almost 13 million residents of our great state whose interests we represent, I congratulate you.

I hope you are as proud and happy to be here today, on the Chicago campus, as I am—proud to be an alumnus of our most noble and exemplary institution.

Your University of Illinois education has provided you with a strong foundation upon which to realize your goals. No matter what you do and where you go, that education will help you achieve your dreams.

Not only does the University of Illinois provide unparalleled, high-quality education, it also is a powerful engine of innovation and excellence that benefits both our citizens and our economy. And, in these days of ever-increasing globalization, our university's efforts benefit not just Illinois, but people and institutions around the world.

Today, I am pleased to welcome you to one of the largest alumni associations in the world: alumni who lead by example with ingenuity, compassion, and hard work—strong Illinois values.

Whether you stay in our wonderful state or go elsewhere, you'll always carry a piece of the University of Illinois in your heart. I urge you, in all you do, to promote, protect, and preserve our grand legacy of learning and labor.

May you share the pride I have in our university, and may you spread our tradition of Illinois excellence wherever your journey might take you.



**Tim Killeen**  
President

Congratulations, graduates!

Today, you have arrived at a key port that you have been rowing toward class-by-class, semester-by-semester since your education began. Tomorrow, you head off into new, less familiar waters, but what you have learned here has given you a powerful engine for the next leg of your life's journey.

Your years at UIC have unlocked the doors to your dreams, uniting your passion with world-class faculty and programs to nurture talents that will lift your careers, your families, and your communities.

The compass that will guide your success is the same one that brought you here today. As Illinois favorite son and two-time presidential nominee Adlai Stevenson once told graduates: "When you leave here, don't forget why you came." Your ambitions and commitment—fueled by the skills you fostered here—will steer you to the future you imagined.

On behalf of the entire University of Illinois family, it is an honor to celebrate you, joined by the proud family and friends who have supported you along the way.

Enjoy your day and come back often. Like the lessons you learned here, your bond with UIC lasts a lifetime.



**Michael D. Amiridis**  
Chancellor

Dear Graduates:

Congratulations!

On this day you celebrate an enormous achievement. Your family, friends, partners, fellow students, and professors all join me in honoring your hard work and the sacrifices you've made to attain your degree. We are proud of you, as you must be of yourselves.

Your journey as students has reached an apex. You have been serious, eager, and challenged in your learning and exploring. You have discovered more about yourselves and the world beyond UIC. Many of you are the first in your family to attend college, and many of you have worked one or more jobs to pay for your education. Today, we celebrate together the results of your efforts.

You are now UIC alumni. You are the next generation of UIC ambassadors. As you build your future, with your education as your foundation, you will remain an important part of our community. We hope you will have a lifelong connection to UIC, whether you return to attend cultural and athletic events, mentor students following in your footsteps, or continue your own education. You are an essential part of our growing community who proudly call UIC their alma mater.

Today, we are here to recognize your achievements. I offer you my best wishes on all your future endeavors, and I urge you to return to UIC often.

Chancellor Amiridis and the faculty and staff of the University of Illinois at Chicago welcome you to the fall commencement exercises, recognizing the accomplishments of our undergraduate students.

PRESIDING.....	CATHERINE “KATE” VINCENT Secretary of the Faculty Senate Chair of the Faculty Senate Executive Committee
ACADEMIC PROCESSIONAL.....	UIC CONCERT BAND José Oliver Riojas Director of Bands  PLATFORM PARTY  COLLEGE FACULTY
NATIONAL ANTHEM .....	MARY GALE TAN
GREETINGS FROM THE UNIVERSITY OF ILLINOIS AT CHICAGO .....	MICHAEL D. AMIRIDIS Chancellor of the University of Illinois at Chicago
WELCOME FROM THE UNIVERSITY OF ILLINOIS .....	TIMOTHY KILLEEN President of the University of Illinois
COMMENCEMENT ADDRESS.....	KEVIN LYNCH Vice President for Technology of Apple, Inc.
CANDIDATE PRESENTATION AND CONFERRAL.....	TIMOTHY KILLEEN President of the University of Illinois  ERIC “RICK” GISLASON Vice Chancellor for Academic Affairs and Provost (Interim)
GRADUATE RECOGNITION .....	TIMOTHY KILLEEN President of the University of Illinois  MICHAEL D. AMIRIDIS Chancellor of the University of Illinois at Chicago  BO FERNALL Dean of the College of Applied Health Sciences  STEVE EVERETT Dean of the College of Architecture, Design, and the Arts  MICHAEL MIKHAIL Dean of the College of Business Administration

	PETER NELSON Dean of the College of Engineering
	ASTRIDA TANTILLO Dean of the College of Liberal Arts and Sciences
	MICHAEL PAGANO Dean of the College of Urban Planning and Public Affairs
PRESENTATION OF HONORS.....	RALPH KEEN Dean of the Honors College
ALUMNI WELCOME .....	JEFF NEARHOOF Vice Chancellor for Advancement
CONCLUDING REMARKS.....	MICHAEL D. AMIRIDIS Chancellor of the University of Illinois at Chicago
ACADEMIC RECEPTIONAL .....	UIC WIND ENSEMBLE José Oliver Riojas Director of Bands

## **SPECIAL THANKS TO**

---

### **BANNER CARRIERS:**

UIC .....	MERCEDEZ JONES
APPLIED HEALTH SCIENCES.....	MICHELLE ADAMS
ARCHITECTURE, DESIGN, AND THE ARTS.....	HANNAH HIGGINS
BUSINESS ADMINISTRATION.....	MARK SHANLEY
ENGINEERING.....	ALAN ZDUNEK
HONORS COLLEGE.....	ANTHONY KEEVAN
LIBERAL ARTS AND SCIENCES.....	MARYA SCHECHTMAN
URBAN PLANNING AND PUBLIC AFFAIRS .....	JERED CARR

### **COLLEGE MARSHALS:**

APPLIED HEALTH SCIENCES.....	DEMETRA JOHN
ARCHITECTURE, DESIGN, AND THE ARTS.....	CATHERINE BECKER
BUSINESS ADMINISTRATION.....	ABAGAIL MCWILLIAMS
ENGINEERING.....	BEN O'CONNOR
LIBERAL ARTS AND SCIENCES.....	PAUL MALCHOW
URBAN PLANNING AND PUBLIC AFFAIRS .....	CURT WINKLE

### **NAME READERS:**

DAINA JAUNTIRANS  
DACE KEZBERS



**Kevin Lynch**  
Keynote

Kevin Lynch is one of the world's preeminent software developers and technology innovators. His work has included leadership roles on some of the most influential software development efforts over the last 25 years at companies including Apple, Adobe, Macromedia, General Magic, and Frame Technology.

Kevin is currently the vice president of technology at Apple, focused on the innovative software of the Apple Watch and the company's Health software effort. Before he joined Apple in 2013, Kevin was chief technology officer at Adobe, where he focused the company on mobile, social, and cloud technology and led Adobe's transformation from a shrink-wrapped software company to the introduction of Creative Cloud.

He joined Macromedia in 1996 and led its move to the Web, including the creation of Dreamweaver, the best-known software for authoring HTML. Kevin helped advance multimedia on the Web via Flash, reaching over one billion people and enabling the early Web with video, audio, rich interactivity, vector graphics, and custom fonts. Eventually, these concepts were embraced and implemented by HTML across browsers. Adobe acquired Macromedia in 2005 for \$3.4 billion.

In 1992, Kevin was recruited by Andy Hertzfeld and Bill Atkinson from the original Macintosh team to join their startup, General Magic, which designed and built revolutionary handheld communicators. Kevin contributed to UI design, pen input, and applications and led the overall OS engineering team, working in close collaboration with founding partners including Sony, Motorola, AT&T, and NTT DoCoMo. General Magic was about ten years ahead of the market and interrupted by the arrival of the Web. *Forbes* magazine has referred to General Magic as "the most important dead company in Silicon Valley."

In 1984, Kevin helped establish one of the first Mac software startups, developing an early adventure game, the first 2D+3D drawing application for the Mac, and innovative desktop publishing software. He also helped create the first Mac release of FrameMaker and led the core FrameMaker engineering team.

Starting at an early age, he taught himself software development with free access to a DEC PDP-11 and help of his math teachers at Lincoln-Way High School. He studied interactive computer graphics at UIC, working with artists and engineers in UIC's famed Electronic Visualization Laboratory.



**The University of Illinois Board of Trustees****Ex Officio Member**

Honorable Bruce Rauner, Governor of Illinois

**Board Members**

Ramón Cepeda, Darien  
 Ricardo Estrada, Chicago  
 Patrick J. Fitzgerald, Chicago  
 Karen Hasara, Springfield  
 Patricia Brown Holmes, Chicago  
 Timothy N. Koritz, Roscoe  
 Edward L. McMillan, Greenville (Chair)  
 James D. Montgomery Sr., Chicago  
 Jill B. Smart, Downer's Grove

**Student Members**

Jauwan Hall, Chicago  
 Jaylin D. McClinton, Urbana-Champaign  
 Dominique Wilson, Springfield

**University Officers**

Timothy L. Killeen, President, University of Illinois  
 Michael D. Amiridis, Chancellor of the University of Illinois at Chicago  
 Barbara Wilson, Chancellor of the University of Illinois at Urbana-Champaign (Interim)  
 Susan J. Koch, Chancellor of the University of Illinois at Springfield  
 Jerry L. Bauman, Vice President for Health Affairs (Interim)  
 Walter Knorr, Vice President and Chief Financial Officer and Comptroller  
 Christophe Pierre, Vice President for Academic Affairs  
 Lawrence B. Schook, Vice President for Research  
 Lester H. McKeever Jr., Treasurer  
 Thomas R. Bearrows, University Counsel  
 Susan M. Kies, Secretary of the Board of Trustees and of the University  
 Thomas Hardy, Executive Director for University Relations

**University of Illinois at Chicago Administration**

Michael D. Amiridis, Chancellor  
 Eric A. Gislason, Vice Chancellor for Academic Affairs and Provost (Interim)  
 Mark Donovan, Vice Chancellor for Administrative Services  
 Mitra Dutta, Vice Chancellor for Research  
 Barbara Henley, Vice Chancellor for Student Affairs  
 Jeff Nearhoof, Vice Chancellor for Advancement  
 Michael Redding, Vice Chancellor for Public and Government Affairs

**Officers of University-related Organizations**

James H. Moore Jr., President, University of Illinois Foundation (Interim)  
 Loren R. Taylor, President and CEO, Alumni Association

**Deans**

Dimitri T. Azar, College of Medicine  
 Jerry L. Bauman, College of Pharmacy  
 Paul Brandt-Rauf, School of Public Health  
 Mary Case, Libraries  
 Karen J. Colley, Graduate College  
 Bo Fernhall, College of Applied Health Sciences  
 Steve Everett, College of Architecture, Design, and the Arts  
 Creasie Finney Hairston, Jane Addams College of Social Work  
 Ralph Keen, Honors College (Interim)  
 Michael B. Mikhail, College of Business Administration  
 Peter C. Nelson, College of Engineering  
 Michael Pagano, College of Urban Planning and Public Affairs  
 Clark Stanford, College of Dentistry  
 Astrida Tantillo, College of Liberal Arts and Sciences  
 Alfred Tatum, College of Education  
 Terri E. Weaver, College of Nursing

## Academic Dress

Academic dress, consisting of cap, gown, and hood, originated about the twelfth century and was worn primarily for warmth. Subsequently, material of the gown and the lining and the shape of the hood represented the economic and social as well as the academic status of the wearer.

In the United States, the great majority of the academic costumes now worn are in accordance with the general provisions of the Intercollegiate Code of 1895, which was revised in 1932 and again in 1960. Under this code the bachelor's gown has pointed sleeves, the master's gown has oblong sleeves with an arc at the bottom, and the doctor's gown has bell-shaped sleeves. All gowns were originally black, although the adoption of colored gowns by individual institutions in the United States is becoming more prevalent.

The bachelor's and master's gowns are untrimmed. The doctor's gown is faced down the front with velvet and has three bars of velvet across the sleeves. The facing and bars may be black or may be the color of the subject to which the degree pertains. Material of the gown and hood for the bachelor's and master's degree is usually of cotton poplin, and for the doctor's degree, of rayon or silk ribbed material. The bachelor's gown is worn closed; the master's and doctor's gowns may be worn open or closed. Women may wear white collars with the bachelor's gown when no hood is worn.

The hoods, which differ in length for the three degrees, are lined with the official colors of the university or college conferring the degree, usually with one color forming a chevron pattern over the other. The bachelor's hood is three feet in length; the master's hood is three and a half feet, and the doctor's hood is four feet long. At the University of Illinois at Chicago the lining of the hoods is flame and indigo. For PhD students, the trim of the hood is indigo. For other doctoral students and for master's students, the velvet trim at the edge of the hood denotes the field of study. UIC graduating seniors do not wear hoods.

The mortarboard cap is standard in the United States. Usually all tassels are black, but where the graduating seniors do not wear a hood, as at the University of Illinois, the color of the cap tassel indicates the type of degree earned. Students receiving a bachelor of arts degree wear white tassels; those receiving a bachelor of science degree wear gold. Doctor's caps may have tassels of gold thread. At the University of Illinois, candidates for degrees wear tassels on the right front quadrant of their caps before degrees are conferred and change them to the left front quadrant after degrees are conferred by the president. Caps are considered a part of the costume.

Gold, silver, and bronze cords worn by some graduating seniors signify the three levels of University Honors. Gold cords signify summa cum laude, silver cords signify magna cum laude, and bronze cords signify cum laude. Gold stoles identify graduates

who are members of the Honors College. Red cords distinguish students who have been recognized for service and/or leadership. Some students also wear cords or stoles signifying their membership in campus organizations or activities. The Jewel of Office and Gold collar, which is worn by the president, was presented to the university by the University of Illinois Alumni Association. It is emblematic of the Office of the President and is worn at all formal academic ceremonies. On the collar are engraved the names of the presidents of the university and their years of service. Trustees of the university are identified by their blue gowns with blue velvet panels outlined in orange cord.

For all academic purposes, the colors associated with the different subjects are as follows:

Agriculture	Maize
Applied Health Sciences	Green and Gold
Architecture and the Arts	Brown
Business Administration	Royal Blue
Dentistry	Lilac
Economics	Copper
Education	Light Blue
Engineering	Orange
Forestry	Russet
Health Professions Education	Gold
Journalism	Crimson
Law	Purple
Liberal Arts and Sciences	White
Library Science	Lemon
Medicine	Green
Music	Pink
Nursing	Apricot
Oratory (Speech)	Silver Gray
Pharmacy	Olive
Philosophy	Dark Blue
Public Administration	Peacock Blue
Public Health	Salmon
Social Work	Citron
Theology	Scarlet
Urban Planning	Wedgewood Blue
Veterinary Science	Gray

(UIC does not offer all of these degrees; however, faculty and platform party members may hold degrees in these areas.)

This program contains official lists of names of graduates who received degrees in summer 2015 and unofficial lists of names of candidates for fall 2015 graduation. The names of fall 2015 graduates are as accurate as possible. However, due to printing deadlines, the names of some degree recipients may not appear, while names of degree candidates may appear even though they have not completed their degrees. The University of Illinois at Chicago's official registry for conferral of degrees is the Office of Admissions and Records.

## University Honors Policy

The three levels of university honors listed below will appear on UIC transcripts for undergraduate students participating in fall 2015 Commencement ceremonies honoring students who earned degrees summer 2015 and fall 2015.

**Summa cum laude** ("Highest praise"): 3.90 and above grade point average

**Magna cum laude** ("High praise"): 3.75 to 3.89

**Cum laude** ("Praise"): 3.50 to 3.74

University honors will be awarded solely on grade point average earned at UIC. The determination of university honors for fall 2015 candidates for graduation will be based on grades reported through the end of the term prior to graduation. UIC will make permanent adjustments to the list of students receiving university honors based on final grades.

The following symbols are used in this program:

- \* **College Honors**
- † **Cum Laude**
- ‡ **Magna cum Laude**
- § **Summa cum Laude**
- # **Honors College** (undergraduate students who are members of the Honors College)

COLLEGE OF APPLIED HEALTH SCIENCES

Health Information Management

BACHELOR OF SCIENCE

Candidates for Degree December 2015

- Reshma Fatima<sup>†</sup>
- Candice Paoli<sup>†</sup>
- Anna M. Signore

Kinesiology

BACHELOR OF SCIENCE

Degrees Conferred August 2015

- Jennifer Paige Hendler
- Austin Henke<sup>†</sup>
- Clara Dorothy Hofman<sup>†#</sup>
- Kirsten R. Hutchinson
- Elia Haydee Martinez<sup>†</sup>
- Eric John D. Mungcal
- Oluwaseyi Odunkunle Ogunleye
- Aaron Nicholas Simmons
- Jamie N. Yu

Candidates for Degree December 2015

- Suleiman M. Abuawad
- Mohammed Sameer Alaiwi
- Christopher A. Alvarez
- Danica M. Baguisa
- Tyna Britney Bowens
- Rose Capone
- Edgardo T. Carating<sup>†</sup>
- Abigail Li Leng Choong<sup>†</sup>
- David William Cobb<sup>†</sup>
- Narjes S. Diab<sup>\*</sup>
- Melissa A. Donegan
- Isabel F. Galang
- Hoong Giang
- Ralph Gray Griffiths<sup>§#</sup>
- Megan Jean Hull
- Dania Hussain
- Levi Curtis Kane
- Imran A. Khan
- Hanle Kim
- Sylvia P. Kowal
- Kristina Marie Kuta
- Daniel Arthur Lankenau<sup>†#</sup>
- Matthew J. Lee
- Timothy D. Longawa<sup>†</sup>
- Paul A. Marqui
- Priscilla Sylvana Nunez<sup>†</sup>
- Katarzyna A. Pejko
- Jovin Philip
- Robertas Plynius
- Suzanne Victoria Podleyon
- Eleni Alexandra Polites
- Jessica Ramos
- Giancarlo Angelo Ragudos Regacho
- Phavadee Sakuntanat
- Jasmeet S. Sanghera
- Michael David Sarris
- Tyler A. Shogren
- Arkadiusz A. Solawa<sup>†</sup>
- Rasa Stanulyte
- Amanda Rae Svoboda
- Christian Wala
- Aaron D. Westbrook

- Carly A. Williams
- Sam Wu

Nutrition

BACHELOR OF SCIENCE

Candidates for Degree December 2015

- Enaida M. Acevedo<sup>§</sup>
- JoAnna M. Arnold<sup>§</sup>
- Amara Ayoub<sup>§</sup>
- Omar Bolanos
- My Duong<sup>†</sup>
- Sandra Gonzalez
- Roxanna Lopez
- Michelle Palenik<sup>§</sup>
- Paige N. Parola<sup>†</sup>
- Suzanne Victoria Podleyon
- Aya Musa Qutub<sup>†#</sup>
- Kathleen E. Ready<sup>†</sup>
- Marta Scechura<sup>†</sup>
- Carla M. Solomon<sup>§</sup>

COLLEGE OF ARCHITECTURE, DESIGN, AND THE ARTS

Architectural Studies

BACHELOR OF ARTS

Degree Conferred August 2015

- Sean A. Schrader

Candidates for Degree December 2015

- Eduardo Antunez
- Yolanda Herrera

Architecture

BACHELOR OF SCIENCE

Degrees Conferred August 2015

- Michael Thomas Denmark
- Hannah Ellyn Hortick
- Steven F. Kruger
- Christina Luna Rodriguez
- Brandon J. Scales
- Tasho Tony Tasho

Art

BACHELOR OF FINE ARTS

Degrees Conferred August 2015

- Chelsea C. Bailey
- Colleen Erin Boyer

Candidates for Degree December 2015

- Madison E. Meruvia
- Brennan E. Zwieg

Art History

BACHELOR OF ARTS

Candidates for Degree December 2015

- Emma Kathleen Dwyer<sup>\*</sup>
- Kathryn Emilie Franks

Graphic Design

BACHELOR OF DESIGN

Candidate for Degree December 2015

- Feb Lloraine P. Umamos

Industrial Design

BACHELOR OF DESIGN

Degree Conferred August 2015

- Quinn Augustus Monforton

Candidate for Degree December 2015

- Patrick S. Fuller<sup>\*</sup>

Music

BACHELOR OF ARTS

Candidate for Degree December 2015

- Alexsandra Castellanos

Performance

BACHELOR OF FINE ARTS

Degree Conferred August 2015

- Max M. Thomas

Candidates for Degree December 2015

- Carly Elizabeth Carano<sup>\*§#</sup>
- Emily Clairice Woods<sup>†</sup>

Theatre Design

BACHELOR OF ARTS

Candidate for Degree December 2015

- Paul F. Vaccaro

COLLEGE OF BUSINESS ADMINISTRATION

Accounting

BACHELOR OF SCIENCE

Degrees Conferred August 2015

- Raimot A. Bakare
- Alicia Sylvia Begalowski
- Zhehui Dai<sup>††</sup>
- Joanna Mikaela Mangahas De Leon
- Aksana V. Karolik<sup>††</sup>
- Joshua R. Kim
- Sherdene Gale McKenzie
- Daniel R. Niedzielski
- Jordan J. Saleda<sup>††</sup>
- Eryana M. Shamuel
- Kyaw Sint Lay Hoon Kwi Wu
- Yiwei Zhu

Candidates for Degree December 2015

- Bartłomiej J. Antos
- Nehemiah D. Bishop
- Javier Calderon
- Nicole Campbell<sup>†</sup>
- Maria Alejandra Candelas<sup>†</sup>
- Marisela Carbajal
- Rebekah C. Carr
- Rafael Chaidez
- Diana Chavez<sup>§</sup>

- Alex Chen
- Kai Chen
- Si Mei Chen
- Maribel Correa
- Joanna Maria Debska<sup>†</sup>
- Oscar Delgado
- Karina Didiانا
- Nicole Dragon
- Magda Florczykowski<sup>†</sup>
- Vrunda N. Gandhi<sup>†</sup>
- Hayk A. Ghazaryan
- Garret M. Gleffe
- Aleksey Golubok
- Toni Grabovac<sup>†</sup>
- Katryn Bridgette Havlik<sup>†</sup>
- Mayra Hernandez
- Juan Hernandez Trigueros
- Mirela Horozovic<sup>§</sup>
- Marium L. Ibarra
- Shane Sohrab Irani<sup>†</sup>
- Hanna Jones
- Krystian M. Jarosz
- Branimir Kabakchiev<sup>†</sup>
- Ruta Kezelyte
- Shekab A. Khan
- Isabella Khila Kock
- Wojciech Roman Kopec<sup>†</sup>
- Michael Anthony Kuzminski
- Rachel Lee
- Scott S. Lee
- Shaojun Li
- Xiaojun Li
- Mariusz W. Lojek
- Gabriel Martinez
- Shaanzay Mirza
- Melvin Jay Mulanthara
- Jonathan C. Musial
- John D. Nakamura
- Julius Edward Corpuz Nocup
- Vera O. Odedoyin
- Inna V. Olinevich
- Cassidy Ian Park<sup>†</sup>
- Shirley Paredes
- Sylvia Monika Rogalny
- Adam Rozanek
- Bradford E. Schumann<sup>†</sup>
- Danielle Ashley Sebastian
- Jessie J. Shen
- William R. Spears<sup>†</sup>
- Matthew S. Suits
- Amreen F. Syeda
- Edyta Szczepinski
- Tony Tang
- Stephanie Nicole Tate
- Adriana I. Torres
- Thao Nguyen Lam Tran
- Gergana Tsvetkova<sup>†</sup>
- Shabnam Vahora
- Abhinav Vir<sup>†#</sup>
- Veronika Volkova
- Huy Q. Vu
- Jessica Wu
- Yonglin Zhu<sup>†</sup>

Business Administration

BACHELOR OF BUSINESS ADMINISTRATION

Degrees Conferred August 2015

- Rosarie V. Jenkins<sup>†</sup>
- Susan Roland
- Felicia Strozier

## Candidates for Degree December 2015

Aaron Christopher Barr<sup>†</sup>  
 Brian Buttron  
 Kim Alexis Conerty<sup>§</sup>  
 Rachel Park<sup>‡</sup>  
 Sandra Jean Rath<sup>‡</sup>  
 Kristine M. Reynolds<sup>‡</sup>  
 Shaun Bradley Scott

## Entrepreneurship

### BACHELOR OF SCIENCE

#### Degrees Conferred August 2015

Ariel Magana

#### Candidates for Degree December 2015

Anna Natalia Biernat  
 Imani La Rue Davis-Jeter  
 Andrew James Munoz

## Finance

### BACHELOR OF SCIENCE

#### Degrees Conferred August 2015

Christopher Anderson  
 Stephen S. Chettiath  
 Alyssa R. Denault<sup>§</sup>  
 Marcus Eggleston  
 Jason Matthew Forry  
 Juan Hurtado  
 Jaime M. Jarosz<sup>††</sup>  
 Ye Seul Kim  
 Jennifer Molina  
 Jackson N. Nguyen  
 Justin Charles Parker  
 Sylwia M. Siemek<sup>§</sup>  
 Nicola J. Valerio<sup>†</sup>  
 Maaya Yamauchi

#### Candidates for Degree December 2015

Joslin A. Abraham  
 Fatima S. Ahmed  
 Jacob E. Ahn  
 Jose Abraham Aleman  
 Laert Alicolli  
 Joshua Amos  
 Kathy Bahena<sup>†</sup>  
 Enkhsoyol Battsend<sup>†</sup>  
 Dashzeveg Battulga<sup>†</sup>  
 Ben Joseph Bernard  
 Sarah Catrambone  
 Emmanuel Cervantes  
 Felipe Chan  
 Yousef Cheta  
 Hansol Choi  
 Alexander H. Chou  
 Bryan Matthew Davis  
 Ivory Djahouri  
 Alejandro Estrada<sup>†</sup>  
 Brian Evak  
 Jung Tang Feng  
 Rafal P. Fidowicz  
 Araceli Flores  
 Demosthenis Andreas Fountalas  
 Marco Anthony Hinojosa  
 Benito Ibarra  
 Shane Sohrab Irani<sup>†</sup>  
 Mousa Joudeh  
 Kevin R. Kassulat<sup>†</sup>  
 Mateusz Kosiek  
 Piotr Lagowski<sup>§</sup>

Nathaniel Thomas Lake<sup>§\*</sup>  
 Eunice Lee  
 Brittnee Litwin  
 Lixia Liu<sup>§\*</sup>  
 Miguel A. Matias  
 Meghan Marie McCarthy  
 Ana Mena  
 Sonia Mercado  
 Meztli Mijes  
 Kelsey Millin  
 Jason Mitchell  
 Daniel Muñoz  
 Yumin S. Paek  
 Neong Park  
 Jeremy Rafidia  
 Haya Kristen Rihani  
 Diana Rojas  
 Raheema Samreen  
 Malika T. Sureshwala  
 Nisha Shah  
 Swapnesh S. Shah  
 Lissette Soberanis  
 Jeyul Solanki  
 Louis Theodor<sup>§</sup>  
 Kiet Tuan Tran  
 Lisa Thi Van<sup>†</sup>  
 Job Vizcarra Ontiveros<sup>†</sup>  
 Sheng Wan  
 Wenshu Xu  
 Omar H. Zaki

## Information and Decision Sciences

### BACHELOR OF SCIENCE

#### Degrees Conferred August 2015

Juliet Elizabeth Avila  
 Robert Ohrlein  
 Hieu Dang Dac Pham

#### Candidates for Degree December 2015

Sha P. Ahmed  
 Ouadir Baalouchi<sup>†</sup>  
 Fahad Baig  
 Denis Bolotov  
 Anna Boyko  
 Danica Dzipkovic<sup>†\*</sup>  
 Vrunda N. Gandhi<sup>†</sup>  
 Evelina Georgieva<sup>§\*</sup>  
 Nagendra Gudipati  
 Gabriel Joseph Hallas  
 Ashley Tiara Hollins  
 Si P. Le  
 Douglas Macac  
 Oscar H. Mancia  
 Andrew Joseph Meek<sup>†</sup>  
 Trevor S. Sweeney  
 Claudio Vazquez  
 Liren Yu  
 Justyne Zosa

## Management

### BACHELOR OF SCIENCE

#### Degrees Conferred August 2015

Juliet Elizabeth Avila  
 Sandra Y. Bilo  
 Katarina Bircanin<sup>†</sup>  
 Catherine D. Cuevas  
 Alexandria G. Decicco  
 Wisam A. Salem

Christine Irene Trinh  
 Sydney Marie Zepeda

#### Candidates for Degree December 2015

Branko Beli Adzic  
 Zachary G. Arenz  
 Ramzies Jay Bishop  
 Diego Juan Casas  
 Salvador Chavez  
 Kevin Michael Clavey  
 Jose G. Cordero  
 Kimberly Ann Cygan  
 Kayla Christine Delaplane  
 Meshandra E. Donald  
 Lukasz Gainski  
 Thomas William Hanley  
 Alex K. Hausen  
 Amelia Jean Keith<sup>†</sup>  
 Christopher David Klarner  
 Eva W. Kowalinski  
 Sean A. Lau  
 Jade Ashley Lind<sup>†</sup>  
 Daniel P. McCarty  
 Marcus Ramon Moon  
 Gloria Angelica Nolasco  
 Bisael Ramos  
 Jennifer C. Ruiz  
 Joel Tapia  
 Dustin George Tiede  
 Joana D. Valdovinos  
 Valente Valencia  
 Brett A. Valin  
 Miguel Angel Villa  
 Laura Villegas  
 Kenneth Walker  
 Maria De Jesus Zaragoza

## Marketing

### BACHELOR OF SCIENCE

#### Degrees Conferred August 2015

Cora A. Buckle  
 Lyra Ji Yun Ceschin  
 Ryan P. Glynn  
 Michelle S. Ham<sup>†\*</sup>  
 Ricardo Martinez  
 Vivek S. Mirmira  
 Victor Antulio Ramirez  
 Bianca Monique Rodriguez  
 Noel Sevilla  
 Shawna Gay Stephenson  
 Reimar L. Adriano

#### Candidates for Degree December 2015

Rosalinda Alicea  
 Andrew Joseph Atkinson  
 Jenna F. Barnard<sup>†</sup>  
 Angelica Rose Beresheim  
 Diana Bilow  
 Jack Brewer  
 Iwona S. Brudniewicz<sup>†</sup>  
 Catherine Maria Chlopecki  
 Robert Civitella  
 Daniel Thomas Conklin  
 Nathalie Mary Louise Corral  
 Natalie Cruz  
 Shenghua Deng  
 Sarah Deborah Elliott  
 Allison E. Eng<sup>†</sup>  
 Lucero A. Flores  
 Amir Youssif Gorgees  
 Nadia M. Gutierrez

Feda Hadzimusic  
 Danny K. Harfoush  
 Costadina Hatzis  
 Joseph Herner  
 J-Sern How<sup>†</sup>  
 Michelle Susan Howe  
 Alia Fatima Khan  
 Glen A. Khant  
 Sara Kathleen Knox  
 Eva W. Kowalinski  
 Joseph Robert Lindberg<sup>†</sup>  
 Dyan J. Lisondra  
 Donald Anthony Logston  
 Alfredo E. Lopez  
 Karen Lopez  
 Patricia Martinez  
 Claudia G. Martinez Perez  
 James Robert Mathis  
 Andrea Margarete Melvage  
 Adam D. Meyer  
 Kyeongrok Namgung  
 Ariana Ojeda-Lemus  
 Carlos Barreto Ortiz  
 David J. Ratzloff  
 Austin Roy Sellers  
 Shane Evan Sperling  
 Megan Therese Sullivan<sup>†</sup>  
 Nicole R. Sweiss  
 Emily A. Waas<sup>†</sup>  
 Jacob J. Wenzel  
 Shan Yang<sup>†</sup>  
 Kyla M. Yong

## COLLEGE OF ENGINEERING

## Bioengineering

### BACHELOR OF SCIENCE

#### Degrees Conferred August 2015

Joel Anthony Buishas<sup>†</sup>  
 Matt J. Dela Cruz<sup>†</sup>  
 Enas EL-Khatib  
 Abhinav K. Reddy<sup>†\*</sup>  
 Keila Kashay Stokes  
 Ines Torra<sup>†\*</sup>  
 Melissa Tremaine Wardlow

#### Candidate for Degree December 2015

Ray G. Pizarro

## Chemical Engineering

### BACHELOR OF SCIENCE

#### Degrees Conferred August 2015

David M. Alonso  
 Swaroop Suryaramana Bhagavatula<sup>†\*</sup>  
 Abdoul G. Diallo  
 Sana Mobeen  
 Jose M. Viramontes  
 Theodore William Walker<sup>†\*</sup>

#### Candidates for Degree December 2015

Nicholas Jay Bensen  
 Kelly Anne Corbitt  
 Kerolos Raafat Halim Gadallah  
 Arwa Ali Hasan  
 David J. Heath  
 Joseph Kalkowski  
 Matthew J. Kubik

Nataliya V. Kuvshynova<sup>†\*</sup>  
 Meghan Alayne Lapeta  
 Andrew W. Liu  
 Laurel Elizabeth Naser  
 Jana Stephanie Rush  
 Jessica Shoukry  
 Paulina Szadkowska  
 James Ryan Walton

## Civil and Materials Engineering

### BACHELOR OF SCIENCE IN CIVIL ENGINEERING

*Degrees Conferred August 2015*

Gabriel Chaidez  
 Mert Hurmeydan  
 Anthony James Hyczyk<sup>†</sup>  
 Brendan Conley McCray  
 Eric J. Moecker  
 Hamed Donald Olatunbosun  
 Antonio V. Tijerina  
 Kevin Joseph Walsh

*Candidates for Degree December 2015*

Fadi Abuzir  
 Nouhessedo Monel Agondanou<sup>†</sup>  
 Issam Akram Alnemrat  
 Richard Beiza  
 Alberto Bravo  
 Iyad Ahmad Daas  
 Omar Diab  
 Emmanuel Dominguez  
 Aya Jihad Elkhatib  
 Joseph Fanning  
 Maurizio Feoli<sup>†</sup>  
 Mehmet Goknur  
 Brenda Janet Gutierrez  
 Alexander C. Hardaway  
 Kyle Howeler  
 Saulius Imsha  
 Paul T. Jankowski  
 Mohamad Jaradat  
 Steve O. Kwon<sup>†</sup>  
 Francisco Dario Martinez Acosta  
 Andres Medrano  
 Christopher Miller  
 Rna Nimri  
 Jose Romero  
 Ahmad A. Saadeh  
 Niboom Tenzin  
 Milos Todorovic<sup>†</sup>  
 Alejandro Trujillo  
 Kimberly A. White  
 Sean Patrick Woods  
 Jonathan E. Young

## Computer Science

### BACHELOR OF SCIENCE

*Degrees Conferred August 2015*

Sohaib A. Choudhry  
 Plaimanus Lueondee  
 Joslyn M. Matt

*Candidates for Degree December 2015*

Michael Brian Albanese  
 Saleha Amreen  
 Syed W. Aslam  
 Bridget Ruth Basan<sup>§</sup>  
 Peter C. Bekos

Evan Michael Currier  
 Justo L. Diaz-Esquivel<sup>§\*\*</sup>  
 Tamer M. Dissi  
 Mark A. Emmons  
 Tianran Gao  
 Steven Alex Gliniewicz  
 Yonathan M. Gordon  
 Christopher Michael Guevara  
 Peter Han  
 Peter Hanula  
 Matthew Jess Healy<sup>†</sup>  
 Jacob Chien Hsiao  
 Syed Akram Hussain  
 Aditya Jain  
 Matthew Ryan Johnson  
 Alen Kabiljagic  
 John Ko  
 Dhruv R. Kore  
 Evan T. Kreft  
 David Labak<sup>†</sup>  
 Tongtong Liu  
 Shanon G. Mathai  
 Bryan J. Mendoza<sup>†</sup>  
 Amber B. Moore  
 Khurratul-Ain Naseer  
 Vincent Orea  
 Bora Park  
 Buntly Ashwin Patel<sup>†</sup>  
 Adam M. Perez  
 Kamil Piekutowski  
 Joshua Rodriguez  
 Alex P. Sander  
 Zhan S. Simeonov  
 Darias Dan Skiedra<sup>†</sup>  
 Christopher R. Sorenson  
 Bryan Christopher Spahr  
 Ryan W. Szymkiewicz  
 Carlos M. Uribe  
 Jordan H. Williams  
 Martin Zak  
 Lukasz M. Zapart<sup>†</sup>  
 Jeffrey Zhou

## Electrical and Computer Engineering

### BACHELOR OF SCIENCE IN COMPUTER ENGINEERING

*Degree Conferred August 2015*

John T. Sabino

*Candidates for Degree December 2015*

Alfredo Astudillo  
 Jeffery S. Delia<sup>†</sup>  
 Robert Klimek  
 Steven Lau  
 Hilma Mohimani<sup>†</sup>  
 Peter Thomas Phaby  
 Pongrapee Rattanahattakul  
 Chavez Thomas  
 Bryan E. Torres  
 Jacob Ryan Walley<sup>§</sup>  
 Jonathan J. Wang  
 Zachary W. Weidner<sup>†</sup>

### BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

*Degrees Conferred August 2015*

Mohammad Waqas Awan

William C. Faehse  
 Krunal K. Patel  
 Ujvalkumar M. Patel  
 Alfons Vako

*Candidates for Degree December 2015*

Juan Acosta Reyes  
 Gilberto Astacio<sup>‡</sup>  
 Christian Eduardo Avila  
 Bilal Mansoor Bhatti  
 Connor B. Burken<sup>†</sup>  
 Mario R. Carpio  
 Srdjan Cokorac  
 Miguel A. Delgado  
 Phong Do<sup>†</sup>  
 Anthony Dustin Doxsi<sup>†</sup>  
 Khristian Estrada  
 Omar Fayad  
 Justin M. Gilliam  
 Terry S. Grada  
 Erica M. Hampton<sup>†\*</sup>  
 Andrew Huante  
 Tylar M. Jozefczyk  
 Andrew H. Jung  
 Rae Carlo M. Lucena<sup>†</sup>  
 Jose Macias  
 Jose Ernesto Mancera<sup>†</sup>  
 Donato Martino  
 Elisiel Medina  
 Karim Moursi Mohamed Moursi<sup>†</sup>  
 Syed Abdul Muqtadir  
 Ralph G. Pagaduan  
 Jigarkumar T. Patel  
 Sohilkumar D. Patel  
 David B. Richardson<sup>†</sup>  
 Hamid Ridati  
 Nourel Safi  
 Steven J. Sandoval  
 Samuel P. Schlicher  
 Kyle R. Schwartz  
 Riaz Shaikh  
 Erik D. Stennis  
 Armel K. Tefoung<sup>†</sup>  
 Abraham Thomas  
 Peng Wang  
 Alec W. Wolfe  
 Igli Xhemo  
 Kevin M. Young  
 Peter Hyunmin Yu  
 Viktor Zivrev<sup>†</sup>  
 Joseph Anthony Zomayah

## Mechanical and Industrial Engineering

### BACHELOR OF SCIENCE IN ENGINEERING MANAGEMENT

*Candidate for Degree December 2015*

Dariusz S. Molek

### BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

*Candidates for Degree December 2015*

Mustafa Alawsi  
 Matthew N. Boudas<sup>†</sup>  
 Adriana L. Carmona<sup>§</sup>  
 Mario Cervantes  
 Ovidiu Ioan Ciurbe  
 Michael D. Considine

Sree Madhuri Dereddy  
 Muhammed Enes Eren  
 Ariellie Nouvel L. Espina  
 Carson L. Foreman  
 Stivi Gjini  
 Gabriela H. Jaquinto<sup>†</sup>  
 Jonathan K. Khou  
 Pavan Antony Vellookunnel  
 Bryan Clifford Wilson  
 Michael A. Zaccard

## BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

*Degrees Conferred August 2015*

Dalton Fowler<sup>†</sup>  
 John Lee  
 Ritesh Kumar Singh  
 Stephen Wiggins

*Candidates for Degree December 2015*

Cornel Vlad Alexa<sup>†</sup>  
 Hunaid S. Arastu  
 Esteban Arreola  
 Matthew M. Baggett  
 Yogi B. Barot  
 Khaled Basrawi  
 Usman David Oluwafemi Bello  
 David Andrew Cecco<sup>†</sup>  
 Jon D. Chandler<sup>†</sup>  
 Chong S. Choi<sup>†</sup>  
 Ian Clark<sup>†\*</sup>  
 Vadim Drozd  
 Stanislav Dzis<sup>†</sup>  
 Christian Luis Franco  
 Roberto Fuentes  
 Louis F. Funk  
 Alejandro Gutierrez  
 Nareh Haroutunian  
 Ismael Hernandez  
 Juan Carlos Hernandez<sup>†</sup>  
 Rafael A. Hernandez<sup>†</sup>  
 Jin Jiang<sup>†</sup>  
 Amandeep Kaur  
 Humaira Z. Khan  
 Woo Hyun Kim  
 Leslie Liang<sup>†</sup>  
 Everardo Limon  
 Ashley Karen Lipinski<sup>§\*</sup>  
 Phuong Mai<sup>†</sup>  
 Borna Mali  
 Alejandro Martinez  
 Michael James McGrath  
 Joel Mendoza  
 Ryan Dimitri Mitchell  
 Tammy Le Nguyen  
 Norbert G. Nowak  
 Tito Olguin  
 Matthew Michael Palmer  
 Tejas P. Parmar  
 Karan B. Patel  
 Nikunj A. Patel  
 Parth S. Patel  
 Pratham K. Patel  
 Shalin H. Patel  
 Jaime Quintero Maldonado  
 Saif M. Qutub  
 Robert F. Renella  
 Muhammad Saeed  
 Francisco E. Salazar  
 Andrew Phillip Sawyer<sup>†</sup>  
 James J. Tang

Pawel Truchan  
 Muhammad H. Umar  
 Ernest Theodore Washington<sup>†</sup>  
 Nicholas R. Welinski  
 Cody Antonio Wilson  
 William Wong<sup>†\*</sup>  
 Basit Abukari Yakubu  
 Abdelrahman Moussa Younes  
 Ramona Maria Zacharopoulos  
 Gerard Jakob Ziomek<sup>†</sup>

## COLLEGE OF LIBERAL ARTS AND SCIENCES

### Anthropology

#### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

##### *Degrees Conferred August 2015*

Christie M. Hansen  
 Mayra Carolina Huerta  
 Christine Elizabeth Schultz<sup>§</sup>  
 Dylan Christopher Shomidie<sup>†</sup>

##### *Candidates for Degree December 2015*

Misty Laine Mikuls Alloy<sup>§</sup>  
 Jillian F. Chlumsky<sup>†</sup>  
 Nelson Connell  
 Alicia Iveth Lobo-Aveja<sup>†\*</sup>  
 Tanya Marquez  
 Vannell E. Perez  
 Nichole M. Waltrich<sup>†</sup>  
 Wajih Zafar

### Biochemistry

#### BACHELOR OF SCIENCE

##### *Degrees Conferred August 2015*

Joseph Anthony Adreani  
 Jonathan Klonowski  
 Adam B. Madej<sup>†</sup>  
 Shaheera Noorien  
 Raj Kiran Patel  
 Mary Alleen Prior  
 Bryan A. Traina

##### *Candidates for Degree December 2015*

Yewande Florence Adeyemi  
 Arsalan Akram  
 Naiyuan Cheng<sup>†</sup>  
 Nadmid Baatar Gerelbat  
 Katherine A. Harte  
 Shawnn Hwang  
 Hieu C. Nguyen  
 Damilola T. Odu-Onikosi  
 Benjamin R. Okkema  
 Alexander Raa<sup>†\*</sup>  
 Michelle Renee Ramirez  
 Fakhra Rashid<sup>†</sup>  
 Jason J. Vargas  
 Vassil H. Vassilev  
 Elizabeth H. Vu  
 Victoria J. Williams

### Biological Sciences

#### BACHELOR OF SCIENCE IN LIBERAL ARTS AND SCIENCES

##### *Degrees Conferred August 2015*

Mitchell Thomas Balauskas  
 Shamie Chong Barrett  
 Patrick Fitzsimons Belenky<sup>†</sup>  
 Carolyn Cao<sup>†\*</sup>  
 Seonah Chae  
 Tiberiy Dorogi  
 Jessica Driver  
 Faralisa E. Fuad  
 Amy Margaret Gadd  
 Victoria M. Gavaghan<sup>†\*</sup>  
 Alexandros James Georgiou  
 Khrystyna Huzar  
 Aminah Jafri  
 Carl R. Johnson  
 Peter Kozela  
 Augusta Mikalauskaite<sup>†\*</sup>  
 Sun Hee Moon  
 Amanda Nicole Navarro  
 Ronak C. Patel  
 Nickolas L. Podkanski  
 Zachary David Prazuch  
 Nikko C. Salgado  
 Sabina Sayers<sup>†</sup>  
 Varun M. Shah<sup>†</sup>  
 Hareem Siddiqui  
 Kimberly Andean Walker  
 Holly A. Yeoman

##### *Candidates for Degree December 2015*

Enas A. Abughoush  
 Raffi A. Abuzaghle  
 Omair Ehteshamuddin Ahmed  
 Stephania Almazan  
 Jennifer Alvarez<sup>†</sup>  
 Sana Ansari  
 Edder Antunez  
 Muzamil Arby  
 Sahar Ayesha Arifuddin  
 Jennifer Arista<sup>†\*</sup>  
 Malissa J. Arroyo  
 Khairy O. Atieh  
 Bipin Attavane  
 Mehrdad Babalooee  
 Sarah S. Bang  
 Ariunaa Bayanjargal<sup>†\*</sup>  
 Aisha S. Bhatti<sup>§\*</sup>  
 Magdalena Borzecka  
 Yasmine Brika  
 Samantha Bugarovich  
 Praksha A. Butala<sup>†\*</sup>  
 Baltazar Campos  
 Stephanie Hannah Cho  
 Anna Ewa Ciupinski  
 Monica A. Cua  
 David De La Torre-Dorado  
 Beatriz De Paz  
 Dana M. Dengler  
 Gourisree Dharmavaram<sup>§\*</sup>  
 Rares M. Dutu  
 Matthew G. Escalona<sup>§</sup>  
 Miracle Everett  
 Hamzah Farooq<sup>†</sup>  
 Alyssa Marie Fatigati  
 Carmen Fernandes  
 Ellias T. Gebrekidane  
 Maged M. Gendy

Eric Gonzalez  
 Aaron Greenwood  
 Arthur Guerra Jr.  
 Rizina A. Hakimiyan<sup>†</sup>  
 Lisa Madaline Heilenbach  
 Yosselin Hernandez  
 Luke L. Holbrook<sup>†</sup>  
 Lesly Hurtado  
 Christina M. Isho  
 Abdallah Jaber<sup>†</sup>  
 Gregory Alan Jankowski  
 Milos Jovanovic<sup>§\*</sup>  
 Ariana Junco  
 Usuma Khainark<sup>†</sup>  
 Raazia Khusro  
 Nina M. Kocko  
 Ivana Komlenovic  
 Yekaterina V. Korol<sup>†</sup>  
 Max M. Kovach  
 Alexandra Danielle Kupersmidt<sup>†\*</sup>  
 Tamara Lakić  
 Amanda M. Lenart  
 Ashley Shanice Lewis  
 Juan C. Flores Lopez  
 Paulina Angelika Maj  
 Diya Majumdar<sup>†\*</sup>  
 Ali Mansour  
 Kristian Nentchov Marinov  
 Karen Mendoza  
 Ryan P. Moran  
 Waad Khalil Nader  
 Himani Ratnakar Naik  
 Ravinder S. Naroo  
 Jenna Marie Neihengen  
 Suraj Neupane  
 Alejandro Nunez  
 Celina D. Onyejiaka<sup>†\*</sup>  
 Ronald Pang  
 Damini S. Patel<sup>†\*</sup>  
 Neel Umesh Patel  
 Nitesh J. Patel  
 Ravikumar B. Patel<sup>†\*</sup>  
 Shivani B. Patel  
 Erika A. Peters<sup>§\*</sup>  
 Hillary Pham<sup>†\*</sup>  
 Cheedah Phoutharath  
 Syeda M. Quadri  
 Maryia Radkevich  
 Patrycja Radon<sup>†</sup>  
 Hassan Raja  
 Tamar Rekviasvili  
 Christina L. Requiron  
 Adolfo Reyes  
 Aleksandrina R. Ruseva<sup>†</sup>  
 Bayan Y. Ruyyashi  
 Irleen K. Saggi  
 Lesley Sanchez  
 Cassandra Sandoval  
 Philip C. Schorsch<sup>†\*</sup>  
 Meda Serenaitė  
 Ahlam Shaabneh<sup>†</sup>  
 Faisal A. Shabib  
 Love M. Shah<sup>†\*</sup>  
 Noman N. Shah<sup>†</sup>  
 Monica Sharma<sup>†\*</sup>  
 Haider Ali Sheikh  
 Henna Sheikh  
 Sofia I. Sheikh  
 Garima R. Shukla<sup>§\*</sup>  
 Wasay S. Siddiqui<sup>†</sup>  
 Zilvina Slezaitė  
 Azadeh Taghizadeh Khamesi  
 Neel Thakkar<sup>†\*</sup>

Donald Hahn Tran  
 Milica Trivanovic  
 Thu Trang Van  
 Yesenia Vargas  
 Ivan Voytovych  
 Aryana K. Wallner  
 Madeline Rose Wilson  
 Dominika Justyna Wroblewska  
 Nicole S. Yu  
 Coether Mahmoud Yusuf  
 Azieb Zemed

### Chemistry

#### BACHELOR OF SCIENCE

##### *Degree Conferred August 2015*

Arysa R. Lumsden

##### *Candidates for Degree December 2015*

Uriel S. Arancillo  
 Daniel R. Cavazos<sup>§\*</sup>  
 Xiaohan Chen  
 Thomas R. Insley<sup>§</sup>  
 So Youn Park

#### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

##### *Degree Conferred August 2015*

Haris Kovac

##### *Candidates for Degree December 2015*

Erika T. Bauer  
 Jupnika K. Chavla  
 Lyubomyr Demyanchuk  
 Carina Diaz  
 Jessica A. Garcia  
 Steven Gracanic  
 Ghassan H. Jibawi  
 Bokyoung Kim  
 Harsh Nagi  
 Matthew M. Rzeszuto  
 Jie Su<sup>†</sup>

#### BACHELOR OF SCIENCE IN THE TEACHING OF CHEMISTRY

##### *Candidate for Degree December 2015*

Leonard G. Siward

### Communication

#### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

##### *Degrees Conferred August 2015*

John Thomas Coen  
 Rigoberto Gomez  
 Connie L. Kreitler  
 Ashley T. Lafaire  
 Constantine Michalopoulos  
 Rebecca Lynn Primak

##### *Candidates for Degree December 2015*

Alexis Kathryn Andreasik  
 Bridget Nicole Angelov  
 Christina Audisho  
 Joseph M. Balich  
 Devon B. Coleman

Lily Deng  
 Lauren M. Gage<sup>\*#</sup>  
 Leo Gonzales  
 Lauren Mina Guity  
 Ryan Daniel Hinchley  
 Goran Ilic<sup>†</sup>  
 Devin C. Laschinski  
 Azriel Leyva  
 Alexa Michele Licciardello  
 Diana M. Lukasik  
 Melissa Martinez<sup>§</sup>  
 Megan L. McNamara  
 Amanda L. Mener  
 Stephanie Nunez  
 Lenora A. Segura  
 Ashley A. Serrano  
 Jacqueline Smolyar  
 Monica Sridhar

## Criminology, Law, and Justice

### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

*Degrees Conferred August 2015*

Margaret C. Barbahen<sup>†</sup>  
 Brandon Ray Benjamin<sup>††#</sup>  
 Jennifer Marie Brown  
 Jonathan Bryant Lang  
 Erik Michael Medina  
 Rebekah I. Melendez  
 Monique A. Podhajski  
 Leticia Reyes  
 David Rios  
 Jaelon K. Trice

*Candidates for Degree December 2015*

Gilberto Alba  
 Erik L. Balko  
 Denisse Baron  
 Brittany A. Barth  
 Michael Rubin Bocardo  
 Samantha J. Bulat  
 Alejandra Cahue<sup>†</sup>  
 Abel A. Castaneda  
 Fabiola D'Haiti  
 Ronisha T. Edwards  
 Teresa M. Esqueda  
 Abraham Samuel Fagan  
 Kaitlyn Nicole Fanizza  
 Guadalupe I. Garcia  
 Nayaly Garcia  
 Veronica Garcia  
 Jarrett Gates  
 Randy Goldheart  
 Jose Luis Gonzalez  
 Melissa Gonzalez<sup>††#</sup>  
 Yesenia Guerrero  
 Luz M. Gutierrez  
 Angelika Iwanicki<sup>††</sup>  
 Sabina Kulach  
 Ashley Shanice Lewis  
 Nelson Li  
 Amaris Carina Lima  
 Elzbieta Lojek<sup>§</sup>  
 Joseph Patrick Long  
 Saimithra R. Mannuru<sup>††#</sup>  
 Aidaly Martinez<sup>†</sup>  
 Brisa Mora  
 Evan Theodore Ostrega  
 Cozette Adefunmilola Otubusin

Amanda Jean Palash  
 Ramon F. Paredes Portales  
 Tirth K. Patel  
 Samuel M. Paullin  
 Ilse R. Perez  
 Gabriel Angel Plascencia  
 Corin Marie Pociask  
 Alex Reed Posey  
 Klaudia Maria Postawa<sup>§</sup>  
 Salvador Raya Custodio  
 Daniel P. Reinhard  
 Angel Roman  
 Yessica Sanchez-Lugo  
 David C. Santos  
 Raag D. Shah  
 Amy L. Stotland  
 Corynn A. Tomlinson<sup>††</sup>  
 Jesus Torres Alvarez  
 Verenis Urbina  
 Alex Valencia  
 Alexa Maria Villasenor  
 Grecia L. Villegas  
 Jyisha M. Wade  
 Jamia M. Whitehorn  
 Tranaj Denae Winfrey

## Earth and Environmental Sciences

### BACHELOR OF SCIENCE IN LIBERAL ARTS AND SCIENCES

*Degrees Conferred August 2015*

John Rodney Balediata  
 Alec Richard Piironen

*Candidates for Degree December 2015*

Scott Michael Groat  
 Martyn A. Jaquez  
 April Augustina Palmer  
 Cecilia Ras<sup>†</sup>  
 Joseph A. Ricchiuto<sup>††</sup>

## Economics

### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

*Degrees Conferred August 2015*

Raphael Arceo  
 Edward Hu<sup>††#</sup>  
 George P. Kelly  
 Laraib A. Khan  
 Christopher McCourt  
 Joanna Paige Peterson  
 Alicia M. Quezada  
 Asha Josephina Ravoori  
 Jose Alfredo Saldivar  
 Bogdan Sinkovich  
 Marta Suchocka  
 Gabriela M. Wandling<sup>††</sup>  
 Melvin Wright

*Degrees Conferred August 2015*

Himangi M. Arora  
 Julian V. Auza  
 Wojciech Jakub Bednarz  
 Veronica Alejandra Botello  
 Nicole Catherine Callan<sup>††</sup>  
 Alex Cortes  
 Niraj B. Dave

Dylan J. Derrickson  
 Mahamadou O. Diop  
 Mary Katherine Esposito  
 Victoria Gurevich<sup>§#</sup>  
 Ayyub M. Khan  
 Jason S. Lewitzke  
 Magdalena Lowisz<sup>††</sup>  
 Ahmer Masood  
 Jayme M. Massion  
 Daniel James McGuire<sup>§</sup>  
 Talha A. Obaid  
 Jimmy F. Orellana  
 Neel Umesh Patel  
 Shane Peter  
 Kayvan Rahmani  
 Aaron M. Russell  
 Annamaria Terenzio  
 Manish Verma

## English

### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

*Degrees Conferred August 2015*

Ayesha Ashfaq  
 Ryan Patrick Blong<sup>††</sup>  
 Caitlin M. Enos<sup>††#</sup>  
 Kevin M. Lobkovich<sup>††</sup>  
 Brenda L. Lopez<sup>†</sup>  
 Rebecca Lynn Primak  
 Anissa Christine Streeter  
 Janet Xue

*Candidates for Degree December 2015*

Jessica Alvarado  
 Madeline Aubrey Anderson  
 Silvia S. Andrade  
 Asim Bhatti<sup>††</sup>  
 Karla Geovanna Carrion<sup>††</sup>  
 Alexander C. Chang<sup>††</sup>  
 Akhil N. Chokshi  
 James Allan Ciosek  
 Jessica Danielle Conroy  
 Alexandra Nicole Costantini  
 Matthew Eugene Cotsones  
 Shannon F. Curtis  
 Emily Gahan<sup>††</sup>  
 Sarah A. Gowher  
 Faten Ezat Hnaihen  
 Jeanine Jibawi  
 Derek Johnathan Jones  
 David A. Kambi  
 Rmneet S. Khangura  
 Daniel J. Kulasik  
 Cecilia Adams Laird  
 Jacob E. Levine  
 Christopher J. Moore  
 Olivia Patricia Pacini  
 Jessica Marie Richter  
 Azfar U. Sharif  
 Margaret A. Skalecki  
 Jonathan Christopher Slusar  
 Madeleine M. Starr  
 Anthony W. Tong  
 Meghan E. Ward<sup>†</sup>  
 Krystal Taylor Webb  
 Zeina Osamah Yacoub<sup>††</sup>  
 Susan Yang

## BACHELOR OF ARTS IN THE TEACHING OF ENGLISH

*Candidates for Degree December 2015*

Erika G. Carrion  
 Olivia A. Collins  
 Carlyn J. Hayes<sup>††</sup>  
 Amy K. Martello  
 Irina Anna Murg<sup>†§#</sup>  
 Alejandra Marie Vera<sup>††</sup>

## French and Francophone Studies

### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

*Degree Conferred August 2015*

Jazmin Arellano

*Candidates for Degree December 2015*

Ashley Beck  
 Uwadia J. Edomwonyi<sup>††</sup>  
 Bradley Alan Grochocinski<sup>†</sup>  
 Sara D. Labusier

## Gender and Women's Studies

### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

*Degree Conferred August 2015*

Ezra Arreola<sup>††</sup>

*Candidates for Degree December 2015*

Jessica Danielle Conroy  
 Bethanie Lorraine John  
 Giuliana E. Molinaro  
 Rachel Maureen Osran  
 Shuang Ying Pan  
 Rana Yurtsever<sup>†§#</sup>

## Germanic Studies

### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

*Candidates for Degree December 2015*

William P. Mehilos  
 Michael D. Novak  
 Aryana K. Wallner

## Hispanic and Italian Studies

### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES—SPANISH

*Degrees Conferred August 2015*

Daniel Hernandez  
 Connie L. Kreidler  
 Shaheera Noorien  
 Hareem Siddiqui  
 Karolina Beata Uchwat



*Candidates for Degree December 2015*

Elizabeth A. Baggett  
Doris A. Medina<sup>†</sup>  
Denise Munoz  
Leslie M. Padilla  
Gabriel Angel Plascencia  
Iryna V. Polhovski  
Ljiridona Redzepi<sup>§#</sup>  
Daisy Sanchez

**BACHELOR OF ARTS  
IN THE TEACHING  
OF SPANISH**

*Candidates for Degree December 2015*

Diana Figueroa<sup>†</sup>  
Estrella Jaimes  
Edith Velazquez<sup>†</sup>

**History**

**BACHELOR OF ARTS  
IN LIBERAL ARTS  
AND SCIENCES**

*Degrees Conferred August 2015*

Stefan C. Falbo  
Dominique Valdery McClay  
Lisa Joy J. Raffety  
Dawn N. Xiong

*Candidates for Degree December 2015*

Jillian F. Chlumsky<sup>†</sup>  
Michael B. Fealey<sup>†#</sup>  
Victor Leon  
Cindy A. Manzanarez  
Magdalena Mastalerz<sup>†#</sup>  
Matthew Morgan Monteith  
Gerald Michael Munoz<sup>†</sup>  
Joseph Justin Palos  
Henil P. Patel<sup>†</sup>  
Kayla Sheffey<sup>†#</sup>  
Lauren N. Stoffregen  
Kendra Lauren Tate  
Irving Zamudio

**BACHELOR OF ARTS  
IN THE TEACHING  
OF HISTORY**

*Candidates for Degree December 2015*

Mariam Ahmad  
Julia Bromberg<sup>§</sup>  
Adam Gregory Lindquist<sup>†</sup>  
Alexander Francis Schneider<sup>†#</sup>  
Gunnar K. Sterne

**Latin American and  
Latino Studies**

**BACHELOR OF ARTS  
IN LIBERAL ARTS  
AND SCIENCES**

*Degrees Conferred August 2015*

Ezra Arreola<sup>†</sup>  
Sandra Ann Galicia<sup>†#</sup>  
Ashley M. Torres

*Candidates for Degree December 2015*

Ivan De Jesus  
Sandy Flores<sup>†</sup>  
Joel Renato Riofrio

**Mathematics, Statistics,  
and Computer Science**

**BACHELOR OF SCIENCE  
IN LIBERAL ARTS AND  
SCIENCES—  
MATHEMATICS**

*Degrees Conferred August 2015*

Patrick Fitzsimons Belenky<sup>††</sup>  
Amber Y. Choi  
Daniel D. Sim

*Candidates for Degree December 2015*

Alexander P. Gilbert<sup>†</sup>  
Thomas R. Insley<sup>§</sup>  
Ivory Phuong Nguyen  
Chad Raymond Novak  
Michelle Ouy  
Samuel Ramirez  
Thomas Rivera  
Jessica Tang<sup>††</sup>

**BACHELOR OF SCIENCE  
IN MATHEMATICS AND  
COMPUTER SCIENCE**

*Degrees Conferred August 2015*

Jasmine Tan Otto<sup>†§#</sup>  
Lisa M. Widing<sup>†#</sup>

*Candidates for Degree December 2015*

Brian Alanis  
Elbert Dockery  
Uriel Salgado  
Fazila Vhora<sup>†#</sup>  
Sabine Ye

**BACHELOR OF ARTS  
IN LIBERAL ARTS AND  
SCIENCES—STATISTICS**

*Candidate for Degree December 2015*

Jason R. Slad

**BACHELOR OF SCIENCE  
IN STATISTICS AND  
OPERATIONS RESEARCH**

*Candidate for Degree December 2015*

Patrishia Anne Serafico<sup>†</sup>

**BACHELOR OF SCIENCE  
IN THE TEACHING OF  
MATHEMATICS**

*Candidates for Degree December 2015*

Golnaz Douzali<sup>†#</sup>  
Ivana Peric  
Kelly A. Rupprecht<sup>††</sup>

**Neuroscience**

**BACHELOR OF SCIENCE**

*Degree Conferred August 2015*

Brittany Roshae Jones

*Candidates for Degree December 2015*

Om Raj Bhetuwal<sup>††#</sup>  
Heidi Friedeck<sup>†#</sup>  
Ivan Garcia  
Erin Julia Kohnke<sup>†#</sup>

Isabel Rose Kolencherry  
Kimberly P. Marshall  
Jay B. Patel<sup>††#</sup>  
Hira Shaikh  
Paulina Struk<sup>†</sup>

**Philosophy**

**BACHELOR OF ARTS  
IN LIBERAL ARTS  
AND SCIENCES**

*Candidates for Degree December 2015*

Carina Diaz  
Valeriy A. Kabalkin  
James Michael McGuiness

**Physics**

**BACHELOR OF SCIENCE**

*Degree Conferred August 2015*

Michael Justin Suopys

**BACHELOR OF ARTS  
IN LIBERAL ARTS  
AND SCIENCES**

*Candidates for Degree December 2015*

Michael Lau  
Jordan Patrick Marx  
Nilay S. Patel

**Political Science**

**BACHELOR OF ARTS  
IN LIBERAL ARTS  
AND SCIENCES**

*Degrees Conferred August 2015*

Loraine Jeanette Catania  
Michael A. Currie<sup>††</sup>  
Jared Reid Gutkin  
Philip August May<sup>††</sup>  
Julia Ann Peaslee<sup>†</sup>

*Candidates for Degree December 2015*

Faris Ahmed Aloithimin  
Elvia Refugio Anguiano Palafox<sup>§#</sup>  
Ian Magnus Bialach  
Edward F. Day  
Victoria Gurevich<sup>†§#</sup>  
Matthew James Johnson  
Agnieszka Kuruc  
Jason C. Leonberger  
Jayme M. Massion  
Saad Mohammed-Ali  
Oluwajuwon I. Oluwole  
Samuel M. Paullin  
Matthew James Payauys  
Pedro Ramirez  
Ljiridona Redzepi<sup>†§#</sup>  
Jacob J. Reifenberg  
Garrett Van Rousseau  
David C. Santos  
Nathan Daniel Stevens  
Gary Barelle Thomas  
Latia Shamon Woodruff

**Psychology**

**BACHELOR OF ARTS  
IN LIBERAL ARTS  
AND SCIENCES**

*Degrees Conferred August 2015*

Jeanan Abunada  
Yesenia Ayala Juarez  
Harry Gerald Benson  
Alma Yvonne Blancarte<sup>††#</sup>  
Brittany Rae Boyle  
Tiarra Rene Ann Carter  
Zachary John Joseph Heinritz  
Ricky Hem  
Osama Khan  
Natalie E. Kubiszewski  
Mary Victoria P. Leonard  
Carlos Eduardo Miyasato  
Daisy R. Nunez  
Himali Hemant Patel  
Priya S. Patel  
Roberto Rios  
Nancy A. Rodriguez  
Natalie A. Ross<sup>§</sup>  
Renee Theresa Rubinelli  
Vishal Rajesh Shah  
Farah M. Siddique  
Briana Marie Villegas<sup>†§#</sup>  
John Williams  
Picha N. Wren

*Candidates for Degree December 2015*

Feras M. Abbas  
Gabriela Acosta  
Kaveh Afshar<sup>†</sup>  
Lynette A. Aguirre  
Maha J. Ali  
Ramish M. Ali  
Tala A. Al-Khaled<sup>†§#</sup>  
Juan Carlos Alvarado  
Gema Alvarez  
Kyle A. Avants  
Tyler C. Avery  
Neka Barrera<sup>††</sup>  
Nicole Michelle Barrett  
Despena Basourakos  
Julia Bates<sup>†</sup>  
Monica M. Bialek  
Chloe M. Boltin  
Jessica Margaret Brown<sup>§</sup>  
Eunita C. Carter  
Lucklyen P. Cayabyab  
Kristin E. Chang  
Christine Chin  
Rosa Mairlyn Coley  
Stiffany Cumbe  
Sydney Marie Cusentino  
Tricia Karla Garcia Dacpano  
Johori L. Denton<sup>††</sup>  
Puneet Dhanoa  
Kaitlin Marie Digrispino  
Candace A. Doh  
Kyle Reid Ericsson  
Martha S. Escobar  
Azra Fatima  
Roberto Feliciano  
Kayla Ann Fleming  
Joseph Gilson Hallares Garchitorea  
Ariana G. Garcia  
Maged M. Gendy  
Ruben Godinez  
Sarah A. Gowher

Shaista Hasan\*\*#  
 Erica Cierra Hernandez  
 Lynda M. Hernandez\*  
 Ashaki Howard  
 Sara Husein-Safi  
 Bisma Munawar Hussain  
 Mir F. Hussaini  
 Justin James  
 Jessenia Jaramillo  
 Betsy Zoraida Jauregui Rios\*  
 Alicia Juarez  
 Ariana Junco  
 Mariam N. Kamal  
 Mary F. Kasza  
 Faryal K. Khattak  
 Raveena Kingra\*  
 Brian Douglas Kisiel  
 Esther Ku  
 Joyal Kurian  
 Jennifer Lavanderos  
 Jimmy T. Le  
 Paris Leachman  
 Ednamy Lopez  
 Itzel Lopez  
 Diana N. Luu  
 Paloma L. Luviano  
 Kirsty W. MacPherson  
 Citlalic Maldonado  
 Kevin C. Maraizu  
 Izamar Martinez  
 Doris A. Medina\*  
 Nicholas Medrano  
 Jonathan A. Miller\*\*#  
 Angel Mitchell\*  
 Jacqueline Moore  
 Ryan P. Moran  
 Stephany Moreno Mondragon  
 Atefeh Sadat Moricelli  
 Jessica Munoz  
 Monika Yolanda Munoz  
 Ravina B. Nakum  
 Yesenia Susana Navarrete\*  
 Kevin Hai Nguyen  
 Roberto J. Ocampo  
 Hairat Dammy Ojulari  
 Clare Rose Olson  
 Rachel Maureen Osran

Leslie M. Padilla  
 Elise Parkison  
 Aashna S. Patel  
 Akash Patel  
 Dishma Patel  
 Debbie M. Patino\*\*#  
 Aminat M. Pedro  
 Adriana M. Perez\*\*#  
 Zachery Lee Peters\*\*#  
 Megan K. Pignato  
 Jessica T. Polfliet  
 Karina Polovinkina\*  
 Agnieszka Poznanska\*  
 Stephanie Quinn  
 Leslie A. Reyes  
 Jessica M. Riley  
 Genesis Andrea Rios  
 Amanda L. Rodriguez  
 Elvia Rodriguez  
 Mina Rohail  
 Angel Roman  
 Nancy Roman  
 Andrew Rosenblum\*  
 Dina Saadeh\*  
 Ranim Raed Saadeh  
 Guadalupe R. Salgado  
 Heba Issa Salim  
 Hector Kevin Sanchez  
 Sara Alise Sanchez\*  
 Matthew Richard Sandel  
 Caroline Sandoval  
 Maria I. Santiago  
 Marsene M. Sebion  
 Edith Serrano  
 Noman N. Shah\*  
 Nikita Sharma  
 Naiha Siddiqui  
 Daniella Damiana Signorile\*\*#  
 Michael Sladek  
 Jesus E. Solano  
 Ernest F. Springer\*  
 Byron John Sullivan\*  
 Alan M. Swieszewski  
 Brianna L. Swintek\*  
 Parth Thakkar  
 Julia Rae P. Tibar  
 Alexia C. Tomchek

Erin Elizabeth Tomlinson\*\*#  
 Linh T. Vo  
 Sutikshna Veeravalli  
 Nichole M. Waltrich\*  
 Tranaj Denae Winfrey  
 Monica S. Yanni  
 Shannon Rae Yates  
 Maria Lynn Yeggy  
 Christine S. Yum  
 Coether Mahmoud Yusuf  
 Krysta M. Zelaya  
 Sara M. Ziegler

## Slavic and Baltic Languages and Literature

### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES—POLISH

*Candidate for Degree December 2015*  
 Patricia Kristina Nowakowski

## Sociology

### BACHELOR OF ARTS IN LIBERAL ARTS AND SCIENCES

*Degrees Conferred August 2015*  
 Paola Andrea Chavez  
 Michael Hernandez  
 Tisheil Monique Dyshon Jones  
 Jonathan Bryant Lang  
 Brenda L. Lopez\*  
 Chelsea Nicole Owens  
 Stephanie Rose Steinhaus  
 Valeria Velazquez-Montiel

*Candidates for Degree December 2015*  
 Maritza Aceves  
 Rubicel Aguilar\*  
 Juan Carlos Alvarado  
 Daniel Baez\*  
 Momina A. Baig\*  
 Erik L. Balko

Carlinthia Maxine Cox\*  
 Olivia Carol Crosby  
 Ronisha T. Edwards  
 Hannah Elizabeth Ferris  
 Magaly Flores  
 Sandy Flores\*  
 Alexandria Fuentes  
 Linda Gamiz  
 Melissa Gonzalez\*\*#  
 Chynna S. Hampton  
 Katelyn Marie Kroeter\*\*#  
 Yip Ho Leung  
 Aidaly Martinez\*  
 Berenice Munoz  
 Debbie M. Patino\*\*#  
 Lisette Salcedo  
 Daisy Sanchez  
 Mayra Sanchez  
 Yessica Sanchez-Lugo  
 Edith Serrano  
 Cynthia Yvette Silvestre  
 Brindon L. Udomratnavasi  
 Rana Yurtsever\*\*#

## COLLEGE OF URBAN PLANNING AND PUBLIC AFFAIRS

### Urban and Public Affairs

#### BACHELOR OF ARTS

*Degrees Conferred August 2015*  
 Samuel Francis Strader\*  
 Nykol M. Tolstych\*

*Candidates for Degree December 2015*  
 Jose Miguel Acosta-Cordova  
 Nayely Sarahy Ibarra De Leon\*  
 Alex J. Koerner\*  
 Wyatt J. Sugrue

# **The Star-Spangled Banner**

by Francis Scott Key

O say can you see, by the dawn's early light,  
What so proudly we hail'd at the twilight's last gleaming,  
Whose broad stripes and bright stars through the perilous fight  
O'er the ramparts we watch'd were so gallantly streaming?  
And the rockets' red glare, the bombs bursting in air,  
Gave proof through the night that our flag was still there,  
O say does that star-spangled banner yet wave  
O'er the land of the free and the home of the brave?

