157тн Commencement Tufts University Sunday, May 19, 2013 Medford/Somerville Massachusetts



# Commencement 2013

## **Tuffs** Commencement 2013

School of Arts and Sciences

School of Engineering

School of Medicine and Sackler School of Graduate Biomedical Sciences

School of Dental Medicine

The Fletcher School of Law and Diplomacy

Cummings School of Veterinary Medicine

The Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

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#### Welcome from the President

Thank you for joining us at the 157th Commencement exercises of Tufts University. Commencement is the highlight of the academic year, and we welcome all our guests from across the world who have joined us for this joyous occasion.

Our more than 2,500 graduates reflect the diversity of a vibrant research university. They have pursued varied and demanding courses of study on our three Massachusetts campuses. In many cases, their academic programs also took them elsewhere, to study-abroad programs, research sites, and clinical rotations. Many have also participated actively in community, neighborhood, and public service organizations as an integral part of their education. Even as students, they have been ambassadors for Tufts and its values. As they prepare to go forth from this Hill, we look forward to their future accomplishments and to their continuing engagement as members of the university's global community of more than 100,000 alumni.

We seek Commencement speakers whose lives will inspire our graduates and model achievement for our entire community. This year's Commencement address will be delivered by Dr. Claude Steele, an insightful, rigorous, and creative social scientist who has uncovered new truths about difficult social issues. His scholarship exemplifies how academic inquiry can have profound positive impacts on society by challenging public opinions and attitudes that we encounter daily. At Tufts, we believe that this type of impact, as an extension of our teaching and research, should be at the core of higher education.

This year, the university will award honorary doctorates to Dr. Steele and five other distinguished honorees in recognition of their achievements in their chosen fields. Each of them can stand as an exemplar for our graduates. Ten members of the faculty and one dean have been named to *emeritus* status, and we will recognize their contributions to the life of the university over a remarkable total of more than 300 years of service to Tufts.

Much has changed since our first Commencement on July 8, 1857, when three students received their degrees from Tufts College, and the addresses were given in Latin. The university's commitment to education and opportunity, however, endures. We are grateful for your support as families and friends, which has been a vital part of our students' education. I know you will join me in congratulating all of them on their success at Tufts and offering them best wishes for the future.

Sincerely,

Tony Monaco

Anthony P. Monaco President

## **Tufts University Commencement** Overview of the Day

8:45–9:00 a.m.	MUSICAL PRELUDE		
8:45 a.m.	<b>ALIGNMENT</b> Degree candidates assemble in areas as designated by marching order card or school.		
	SCHOOL Liberal Arts, Jackson College, Engineering, Special Studies, Museum School	AREA In front of Braker Hall; Fletcher tennis courts; Tisch Library roof; in front of Miller Hall (as designated by marching cards)	
	Graduate School of Arts and Sciences	Fletcher tennis courts	
	Medical/Sackler	In front of Eaton Hall	
	Dental	Carmichael Dining Hall	
	Fletcher	Blakeley Hall Courtyard	
	Cummings/Veterinary	In front of Eaton Hall	
	Friedman/Nutrition	In front of Eaton Hall	
8:45 a.m.	Chapel bells begin ringing (last warning for	alignment)	
*9:00 a.m.	<b>PHASE I</b> Academic procession begins when the bells stop ringing.		
*9:30 a.m.	ALL-UNIVERSITY COMMENCEMENT CEREMONY BEGINS		
*11:00 a.m.	RECESSIONAL—END OF ALL-UNIVERSITY COMMENCEMENT		
*11:30 a.m.–4:00 p.m.	<b>PHASE II</b> Ceremonies for individual schools, colleges, and departments follow the main Commencement ceremony at the locations listed below:		
	School of Arts and Sciences: Various locations and times (see page eight).		
	School of Engineering: Academic Quad, 11:30 a.m.		
	Graduate School of Arts and Sciences: Students should attend the Arts and Sciences departmental ceremony for their specific discipline.		
	School of Medicine and Sackler School of Graduate Biomedical Sciences:		
	MAIN CEREMONY: Gantcher Family Spor	ts and Convocation Center, 11:30 a.m.	
	PUBLIC HEALTH AND PROFESSIONAL DEGREE CEREMONY (MPH, MS-Health Comm, MS-PREP, MBS): Reception in Alumnae Lounge, 11:30 a.m., followed by diploma ceremony at tent on J Field, 1:30 p.m.		
	School of Dental Medicine: Carmichael Quad, 11:30 a.m.		
	The Fletcher School of Law and Diplomac	y: Fletcher Field, 11:30 a.m.	
	Cummings School of Veterinary Medicine: Grafton campus, 3:00 p.m.		
*Times are approximate	Friedman School of Nutrition Science and	Policy: Cohen Auditorium, 11:30 a.m.	
	These rooms will be open at 8 a.m. A The following sites will be screening Barnum Hall, Room 008 Cabot Intercultural Center, ASE Cohen Auditorium Cousens Athletic Complex <b>Rain Plan</b> Regardless of weather, Phase I and ir	versity ceremony from several sites around campus. Il are handicapped-accessible. the ceremony:	

### Graduation Ceremonies: School of Arts and Sciences and School of Engineering

Phase II

#### Lunch will be served on the lawn adjacent to Tisch Library.

#### Africana Studies:

11:30 a.m.–1:00 p.m., ceremony in the tent on J Field, followed by lunch.

#### American Studies:

11:30 a.m.–1:00 p.m., ceremony in the tent on J Field, followed by lunch.

#### Anthropology:

11:30 a.m.–1:00 p.m., ceremony in the tent at Bromfield-Pearson, followed by lunch.

#### Arabic:

1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

#### Archaeology:

1:30–3:00 p.m., ceremony in Goddard Chapel, preceded by lunch.

#### Art History/Architecture:

11:30 a.m.–1:00 p.m., ceremony in Goddard Chapel, followed by lunch.

#### Asian Studies:

1:30–3:00 p.m., ceremony on the Academic Quad between Ballou and Bendetson halls, preceded by lunch.

#### **Biology:**

1:30–3:00 p.m., ceremony in the tent on Ellis Oval, preceded by lunch.

#### Boston School of

Occupational Therapy: 11:30 a.m.–1:00 p.m., ceremony at 51 Winthrop Street, followed by lunch.

#### Chemistry:

1:30–3:00 p.m., ceremony in the tent on Ellis Oval, preceded by lunch.

#### Child Development:

1:30–3:00 p.m., ceremony in Cousens Athletic Complex, preceded by lunch.

#### Classics:

1:30–3:00 p.m., ceremony in Goddard Chapel, preceded by lunch. **Computer Science:** 

(Arts and Sciences) 1:30–3:00 p.m., ceremony in Distler Hall, Granoff Music Center, preceded by lunch. (See also School of Engineering)

Drama and Dance:

11:30 a.m.–1:00 p.m., ceremony in Distler Hall, Granoff Music Center, followed by lunch.

Earth and Ocean Sciences: 1:30–3:00 p.m., ceremony in the tent on Ellis Oval, preceded by lunch.

#### Economics:

11:30 a.m.–1:00 p.m., ceremony in the tent on Ellis Oval, followed by lunch.

#### Education:

1:30–3:00 p.m., ceremony at 51 Winthrop Street, preceded by lunch.

#### Engineering School:

11:30 a.m.–1:00 p.m., ceremony on the Academic Quad between Ballou and Bendetson halls, followed by lunch. (*Includes Biomedical Engineering, Chemical and Biological Engineering, Civil and Environmental Engineering, Computer Science, Electrical and Computer Engineering, Mechanical Engineering, and the Gordon Institute of Engineering Management*)

#### English:

11:30 a.m.–1:00 p.m., ceremony in the tent on J Field, followed by lunch.

#### **Environmental Studies:**

1:30–3:00 p.m., ceremony in the tent on Ellis Oval, preceded by lunch.

#### French:

1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

#### German:

1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

#### Greek:

1:30–3:00 p.m., ceremony in Goddard Chapel, preceded by lunch.

#### History:

1:30–3:00 p.m., ceremony in the tent at Bromfield-Pearson, preceded by lunch.

International Letters & Visual Studies: 1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

#### International Relations:

1:30–3:00 p.m., ceremony on the Academic Quad between Ballou and Bendetson halls, preceded by lunch.

#### Italian Studies:

1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

#### Judaic Studies:

1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

Languages (German, Russian, Asian & Romance Languages): 1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

#### Latin:

1:30 p.m.–3:00 p.m., ceremony in Goddard Chapel, preceded by lunch.

#### Latin American Studies:

1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

#### Mathematics:

11:30 a.m.–1:00 p.m., ceremony in ASEAN Auditorium, Cabot Intercultural Center, followed by lunch.

Middle Eastern Studies: 1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

#### Museum School:

6:00 p.m., ceremony at the Museum of Fine Arts, Shapiro Courtyard, Boston.

#### Music:

11:30 a.m.–1:00 p.m., ceremony in Distler Hall, Granoff Music Center, followed by lunch.

#### Peace and Justice Studies:

11:30 a.m.–1:00 p.m., ceremony in the tent at Bromfield-Pearson, followed by lunch.

#### Philosophy:

11:30 a.m.–1:00 p.m., ceremony in Granoff Family Hillel Center, followed by lunch.

#### **Physics:**

1:30–3:00 p.m., ceremony in the tent on Ellis Oval, preceded by lunch.

#### Political Science:

1:30–3:00 p.m., ceremony on the Academic Quad between Ballou and Bendetson halls, preceded by lunch.

#### Psychology:

11:30 a.m.–1:00 p.m., ceremony in Cousens Athletic Complex, followed by lunch.

#### **Religion:**

1:30–3:00 p.m., ceremony in Goddard Chapel, preceded by lunch.

#### Russian:

1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

#### Sociology:

11:30 a.m–1:00 p.m., ceremony in the tent at Bromfield-Pearson, followed by lunch.

#### Spanish:

1:30–3:00 p.m., ceremony in Cohen Auditorium, preceded by lunch.

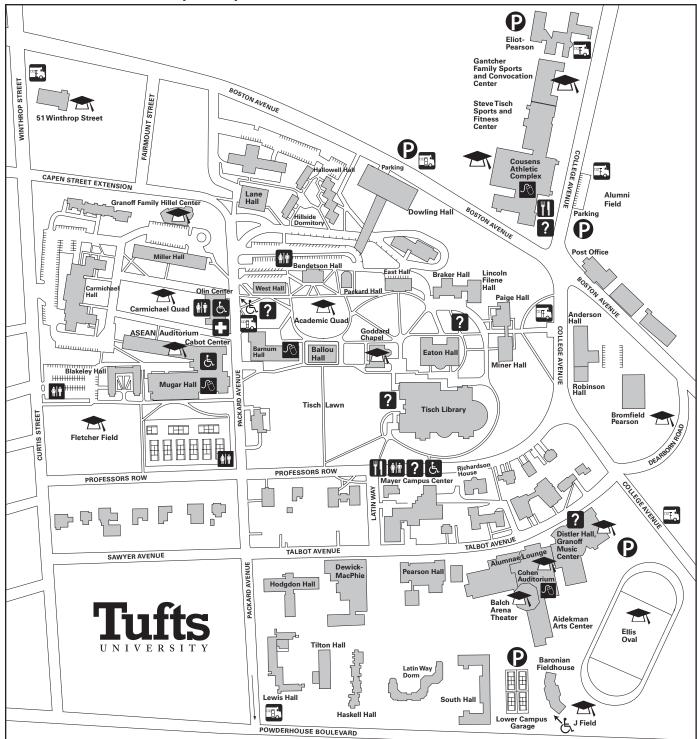
#### Urban and Environmental

Policy and Planning: 1:30–3:00 p.m., ceremony in Balch Arena Theater, Aidekman Arts Center, preceded by lunch.

#### Women's Studies:

11:30 a.m.–1:00 p.m., ceremony in the tent on J Field, followed by lunch.

#### Medford/Somerville Campus Map



#### Key to service locations



**Shuttle Stops** Campus Loop and Davis Square



#### Information Booths

Handicapped Drop-off

next to J Field

Packard Avenue in front of West Hall, near Eaton Hall, in front of Tisch Library, Cousens Athletic Complex, Mayer Campus Center, Granoff Music Center

Packard Avenue, next to Academic Quad; Powderhouse Boulevard,



First Aid Olin Center

Web Viewing Areas

Cohen Auditorium,

Barnum Hall, Cabot Center,

**Cousens Athletic Complex** 

Graduation Ceremony Locations (Veterinary School, Phase II held on Grafton campus. Museum School, Phase II held at the Museum of Fine Arts. All other locations shown above.)



#### Restrooms

Behind West Hall, in front of the tennis courts on Packard Avenue, Blakeley Hall Parking, and at the Mayer Campus Center



#### Restrooms for the Disabled

Cabot Center, Barnum Hall, Olin Center, Mayer Campus Center, Aidekman Arts Center

Food Service Mayer Campus Center, Cousens Athletic Complex

#### **Class Year Abbreviations**

A	College of Liberal Arts
D	Dental School
DG	Dental Certificate Master's Degree
E	Engineering School
F	Fletcher School
G	Graduate School
Н	Honorary Degree
J	Jackson College
L	Sackler School of Graduate Biomedical Sciences
М	Medical School
SMFA	School of the Museum of Fine Arts
N	Friedman School of Nutrition Science and Policy
Р	Parent of Student
V	Cummings School of Veterinary Medicine

## Commencement 2013

157тн сомменсемент University Commencement

### **University Commencement** Order of Events

Musical Prelude	Tufts University Wind Ensemble John McCann, <i>Director</i>
Commencement Marshal	Paul J. Tringale, Secretary of the Corporation
Processional	
Presenter	Boris Hasselblatt, Professor of Mathematics
Alumni Marshal	Ann Marie Campagna J88, Representing the 25th Reunion Class
National Anthem	Smriti Choudhury A13
Invocation	The Reverend Patricia Budd Kepler, University Chaplain ad interim
Welcome	Anthony P. Monaco, President of the University
Conferring of Honorary Degrees	Anthony P. Monaco, President
Recipients of Honorary Degrees	Lois Marie Gibbs, <i>Doctor of Public Service</i> Philip J. Lampi, <i>Doctor of Humane Letters</i> Raymond R. Sackler, <i>Doctor of Humane Letters</i> * Ram Kumar Shrestha, <i>Doctor of Science</i> Claude M. Steele, <i>Doctor of Humane Letters</i> Aso O. Tavitian, <i>Doctor of Public Service</i>
The Commencement Address	Claude M. Steele
Recipient of Dean Emeritus Certificate	Stephen W. Bosworth, The Fletcher School of Law and Diplomacy
Recipients of Faculty Emeritus/a Certificates	Edith D. Balbach, School of Medicine Emily W. Bushnell, School of Arts and Sciences Marshal F. Folstein, School of Medicine Leon Gunther, School of Arts and Sciences Douglas D. Payne, School of Medicine Robert C. Sarno, School of Medicine Janet Schmalfeldt, School of Arts and Sciences Nak-Ho Sung, School of Engineering W. Heinrich Wurm, School of Medicine Vangel Robert Zissi, School of Dental Medicine
Conferring of Degrees in Course	Anthony P. Monaco, <i>President</i> James A. Stern, <i>Chairman, Board of Trustees</i> David R. Harris, <i>Provost and Senior Vice President</i>
Remarks	James A. Stern, Chairman, Board of Trustees
Closing	Anthony P. Monaco, President
Benediction	Rabbi Jeffrey Summit, Jewish Chaplain
	After the benediction and recessional of the platform party and the faculty, graduates' guests are invited to attend the second portion of the Commencement exercises at the various sites.

#### Dear Alma Mater

#### Leo R. Lewis A1887

We con beside thy knee, Dear Alma Mater, Earth's book of mystery, Dear Alma Mater, We track the storied past, Dear Alma Mater, Over plains of learning vast, Dear Alma Mater, Speed on thy sunlit way, Dear Alma Mater, We vow new faith today, Dear Alma Mater! May glory light thy name, Dear Alma Mater, All thy children sing thy fame, Dear Alma Mater, for aye!

#### Tuftonia's Day

#### Elliot Wright Hayes A16

Steady and true, rush along, Brown and Blue. Raise a mighty score today. Fearless tear down the field and never yield! Brown and Blue, Brown and Blue for aye! Hammer them hard, boys, and break through their guard. That is old Tuftonia's way. And our glorious banner once again will wave o'er Tuftonia's Day. T-u-f-t-s, T-u-f-t-s, Hurrah! Hurrah! for dear old Brown and Blue!

Refrain: Up on the Hill tonight all will be gay. Victorious in the fight, we'll raise the standard of dear old Tufts to glory! Pile up a mighty score. It's bound to soar. Now one goal more! Nothing can stop us; it's Tuftonia's Day.

#### Academic Regalia

Traditional academic regalia has been worn by the Tufts faculty since the Commencement of 1906. The gown for the Bachelor's degree has pointed sleeves and is designed to be worn closed. The Master's gown has elbow-length, pointed sleeves; the Doctor's gown has bell-shaped sleeves; both may be worn open or closed. The Doctor's gown is faced, and the sleeves are trimmed with velvet. By its color and arrangement, the hood worn with the gown indicates the wearer's highest advanced degree, the field in which it was awarded, and the school from which it came. The lining of the hood carries the school's colors, brown and blue in the case of Tufts. The velvet edging on the hood, wider for the Doctor's degree than for the Master's degree, signifies by its color the field in which the degree was designated. Master of Science and Doctor of Science hoods are trimmed in yellow; Engineering in orange; Medicine in green; Dental Medicine in lilac; Doctor of Philosophy in blue; and Veterinary Medicine in grey. The mortarboard or Oxford-type cap is the one usually worn, but of late, the soft cap, which resembles an oversized beret, has come into favor because of its comfort. Tassels, other than the universally accepted black, may indicate by the various colors the field of learning in which the degree is earned, while the gold tassel generally signifies a doctoral degree. Many foreign universities show great diversity, following traditions that extend back for centuries. **LOIS GIBBS** is synonymous with active citizenship. She not only led her Love Canal neighborhood in New York during its infamous struggle to deal with the health issues caused by toxic waste, but continues her activism today as executive director of the Center for Health, Environment & Justice, which she founded in 1981 to assist communities facing toxic-waste hazards.

Gibbs was a housewife in Niagara Falls, New York, in 1978, and found herself taking her children to the hospital frequently for a variety of illnesses. She learned her neighbors were also struggling with unexplained illnesses, as well as mental retardation and other health problems. A survey at the time found that fifty-six percent of the children born in Niagara Falls between 1974 and 1978 had at least one birth defect. Many homeowners' basements were covered with a thick, black substance, and vegetation around the houses was dying.

Gibbs and her neighbors discovered they were living adjacent to 20,000 tons of toxic chemicals that had been dumped in the former canal their homes were built next to or around. She started demanding the federal government clean up the toxic waste, and organized her neighbors into the Love Canal Homeowners Association. It was an uphill battle. "They made me mad," she said about the government's initial refusal to help. "It wasn't a matter of, 'I'm going to go out and do good.' I was just furious and frightened."

By 1980, a presidential emergency order had declared a health crisis in Love Canal and relocated more than 800 families, reimbursing them for their homes. In response to the Love Canal disaster and the discovery of other toxic waste sites around the country, Congress passed the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, better known as the Superfund Act, to clean up such sites.

During the Love Canal crisis, Gibbs was contacted by numerous people across the country who were experiencing similar problems. Eager to find a way to help others, in 1981 she established the Center for Health, Environment & Justice, which has provided more than 11,000 grassroots groups with organizational and technical help as they contend with leaking landfills, polluted drinking water, incinerators, and hazardous waste. Gibbs frequently speaks to communities in this country and around the world about toxic chemicals and the unique vulnerability of children to environmental hazards.

She has been widely recognized for her role in the grassroots environmental health movement, and has appeared on *60 Minutes* and *The Oprah Winfrey Show*. In 1982, CBS produced a movie about her life, *Lois Gibbs: The Love Canal Story*. Gibbs has received numerous honors, including the Goldman Environmental Prize and *Outside* 

*Magazine's* "Top Ten Who Made a Difference Honor Roll." In awarding her its prize for environmental contributions in 1998, the Heinz Foundation noted that Gibbs's message is not "not in my backyard," but rather, "not in anybody's backyard."

Gibbs will be awarded an honorary Doctor of Public Service degree.

**PHILIP J. LAMPI** is a man who has gone to extremes in pursuit of his passion. Working over a span of decades entirely on his own dime, he scoured the cities and towns of the United States to hunt down and painstakingly assemble the single most complete historical accounting of election records generated during the earliest days of the republic, the period from 1787 to 1825. Lampi never went to college. He had neither institutional nor family support backing him. But what he came away with at the end of his solitary labors amounted to a national treasure that the University of Texas historian Walter Dean Burnham has called "the lost Atlantis of American politics."

The source material that Lampi sought was poorly organized and loosely kept, consisting of records scattered among state and county archives, newspaper collections, assorted historical societies, and batches of private letters. Although turnout was high in early American elections, reaching seventy percent in places like New Hampshire, North Carolina, and Massachusetts, the voting process itself was elastic by modern standards.

There was no Election Day as such—more like a voting season. Citizens could vote at any time from March through early December, and the exact methods varied from state to state. Some Americans voted by voice; others by writing names on a piece of paper dropped into boxes marked "Congress," "Governor," and so on; others still by noting their preferences in open poll books. Frequently, the fragmented nature of the original record keeping made Lampi's job of summing up election results a study in exasperation. He might have to page through months of vintage newspapers before he could determine when, exactly, the voting in a given town or city had occurred. Then the task of meticulous transcription into written notes could begin. Once compiled, his detailed historic record offered a gold mine of data for historians, enabling them to analyze the demographic and geographic electoral trends of a fledgling nation.

Lampi was well-suited to working on his own. Born in Fitchburg, Massachusetts, in 1944, to a divorced mother who held two jobs and couldn't spare the time to care for him, he grew up in a series of foster homes. His longest residence was at the Stetson Home for Boys in Barre, Massachusetts, where, while still a teenager, some anomalies in accounts of U.S. presidential elections from 1824 to 1956 in various *World*  *Almanacs* caught his eye; he devoted many subsequent hours to assessing, arranging, and organizing the data from these elections. Eventually Lampi's research became focused on the years of the early republic, where there was virtually no national election data available.

Once he decided to take his obsession on the road, Lampi lived meagerly, subsisting mainly on a diet of bananas and peanut butter sandwiches and often sleeping in his car. He worked at a series of menial jobs, including a stint as a night watchman back at the Stetson School, to fund the intensive series of research jaunts he undertook between 1973 and 1988.

Now recognized as ranking among the most influential historians of early America, Philip Lampi has found a home at the American Antiquarian Society in Worcester, Massachusetts, and he lends his passion and expertise to the New Nation Votes Project, an ongoing effort to convert his extensive files into a readily accessible online database. The project is a collaborative venture between the AAS and Tufts University Digital Collections and Archives, with funding from the National Endowment for the Humanities (NEH). Last year, in a ceremony at the American Antiquarian Society, the NEH awarded Lampi its first-ever Chairman's Commendation, citing his "diligence in collecting, collating, and preserving the most basic records of American democracy."

Tufts will award Lampi an honorary Doctor of Humane Letters degree.

**RAYMOND R. SACKLER,** a physician, entrepreneur, and international philanthropist, is an ardent supporter of the arts and scientific research to improve the human condition. Well before multidisciplinarity became a prevailing theme in academia, Sackler encouraged biomedical and physical scientists to work together to bring a broad perspective to the study and treatment of disease.

Born in Brooklyn, New York, Sackler earned an undergraduate degree from New York University. He began his medical studies at Anderson College of Medicine in Glasgow, Scotland, and, when World War II intervened, completed his M.D. in 1944 at Middlesex University School of Medicine, now the site of Brandeis University in Waltham, Massachusetts.

A board-certified psychiatrist and Distinguished Life Fellow of the American Psychiatric Association, Sackler and his two physician brothers, Arthur M. and Mortimer D. Sackler, donated the funds to establish the Sackler School of Graduate Biomedical Sciences at Tufts University, which was dedicated on October 7, 1981. In creating a home on Tufts' health sciences campus in Boston for six fledgling graduate programs in the biomedical sciences—biochemistry, immunology, molecular biology and microbiology, anatomy, pharmacology and experimental therapeutics, and physiology—the Sacklers' vision that integration across all medical disciplines was crucial for advancing health has flourished at Tufts.

For decades, Raymond Sackler has supported endeavors in theoretical and applied research in the fields of mathematics, physics, astronomy, chemistry, and biomedicine through research grants, lectureships, professorships, and institutional support at many of the leading universities and academic medical centers around the world. He established the Raymond and Beverly Sackler International Prizes in the Physical Sciences and in Biophysics to recognize exceptional scientists.

Internationally, Sackler and his wife, Beverly, have supported science and the arts at Cambridge University (England), Cardiff University (Wales), the Institut des Hautes Études Scientifiques (France), Leiden University (Netherlands), Niels Bohr Institute at the University of Copenhagen (Denmark), Tel Aviv University (Israel), University of Oslo (Norway), the Israel Museum, and the Louvre, among others. In 2008, the Raymond and Beverly Sackler U.S.-U.K. Scientific Forum was endowed to promote a bilateral scientific forum that is jointly run by the National Academy of Sciences in the United States and the Royal Society in London.

For their support of the arts, the Sacklers have been recognized by the British Museum with the naming of the Raymond and Beverly Sackler Wing of Ancient Near East and Egypt and, with his two brothers, the Sackler Wing at the Metropolitan Museum of Art in New York City, which houses the Temple of Dendur and study centers for Chinese and Japanese art history.

Among his many other honors, Sackler is a Chevalier de la Légion d'honneur and an Officer in the Order of Orange Nassau, the Netherlands, and was knighted by Queen Elizabeth II as a Knight Commander of the British Empire. In tribute to Raymond and Beverly Sackler's generous support of research in astrophysics and astronomy, Asteroid 7690 Sackler was named in their honor in a joint citation by the Harvard-Smithsonian Center for Astrophysics and the Leiden University Observatory.

Tufts will award him an honorary Doctor of Humane Letters degree.

**RAM SHRESTHA** served for more than two decades as an executive director of the Nepali Technical Assistance Group (NTAG), a nonprofit organization he founded in 1995 to improve maternal and infant health in his native Nepal.

After earning a master's degree in international nutrition from the Friedman School of Nutrition Science and Policy at Tufts University in 1990, Shrestha returned to Nepal, a nation where more than fifteen percent of children do not live to see their fifth birthdays. Poor nutrition, particularly vitamin A deficiency, was identified as a major contributor to the unacceptably high rate of child mortality. Vitamin A deficiency also causes night blindness in expectant mothers and blindness in infants and children.

Working to support the Nepalese government's National Vitamin A Program funded by USAID and UNICEF, Shrestha came up with a novel way to distribute the muchneeded supplement of vitamin A across the mountainous country. Using creative and innovative participatory training methods, Shrestha was able to motivate Female Community Health Volunteers (FCHVs) throughout the country to distribute vitamin A capsules and provide nutrition education programs to the mothers.

He used his deep knowledge of Nepali culture to make the volunteers' efforts visible, even glamorous. The FCHVs were issued green tote bags emblazoned with the program's logo, and Shrestha made sure that when he visited individual volunteers, he had a government official or other funding agency official in tow. The communities became intrigued with and engaged in the vitamin A program through the creative use of magic shows that promoted consumption of locally available vitamin A-rich foods. Shrestha introduced the idea of creating long-term incentives for volunteers by convincing local government to establish FCHV endowment funds that the volunteers managed to support their work.

The FCHVs, invested in the health of their families and communities, succeeded where outsiders had earlier failed. By 2007, ninety-five percent of all young Nepali children were receiving vitamin A supplements twice each year, in April and in October. Today in Nepal, more than 50,000 FCHVs deliver supplements to 3.7 million children annually. A significant result of this program is the fact that these 50,000 volunteers have been now actively involved in community-based programs for twenty years. This involvement has resulted in these FCHVs gaining a great deal of confidence and stature in their communities, enabling them to contribute to a wide range of other activities in their communities.

The Nepali Technical Assistance Group has leveraged the network of volunteers to distribute other remedies, including iron supplements, deworming medication, and antibiotics, to treat common, preventable ailments in Nepali children. The government is also using the community volunteer model to distribute health information: A current effort seeks to increase reproductive health literacy among teenaged girls. These community-based intervention programs save an estimated 20,000 lives each year. Child mortality has been cut in half over the past twenty years. Vitamin A-related eye disease among pregnant women, who also receive the nutrition education about vitamin-rich animal foods has fallen, too. Efficient, sustainable, and low-cost, Shrestha's innovative Female Community Health Volunteer model has been widely recognized as a best practice for community-based nutrition and medical interventions. He has lent his expertise with the model to projects in Indonesia, Cambodia, Vietnam, India, Bangladesh, Lesotho, and Afghanistan, and is currently supporting a University Research Co., LLC–USAID project to expand the model in Ethiopia, Uganda, and Tanzania to empower existing community groups to improve their own health. Shrestha is the author of numerous peer-reviewed studies about maternal and childhood nutrition and disease. In a landmark study he published in the *American Journal of Clinical Nutrition* in 2007, it was shown that iron and riboflavin supplements enhance the effectiveness of vitamin A in reversing night blindness.

In 2000, Shrestha received the Global Health Council's International Award for Best Practices in Global Health. In 2005 he was named to *Time* magazine's list of Global Health Heroes and in 2006 he was honored with the Friedman School Alumni Association's Frontline Award for his innovative work in nutrition. He was also conferred a Prabal Gorkha Dakchhin Bahu Award by His Majesty's Government of Nepal in 2005.

Shrestha will receive an honorary Doctor of Science degree.

**CLAUDE M. STEELE** begins his book, *Whistling Vivaldi: How Stereotypes Affect Us and What We Can Do*, with a story about how he first became aware he was African American.

He was in the second or third grade, walking home with his friends after the last day of school. They complained they couldn't go swimming in the pool that was just three blocks away. It was in a white neighborhood, and blacks were only allowed in on Wednesday afternoons. That would be the only time they could swim during the long summer.

Such realizations, he came to recognize, make the consequences of stereotypes concrete, not abstract. Stereotyping, he would come to discover, also influences performance and identity.

Over two decades, Steele, the I. James Quillen Dean of the School of Education at Stanford University, has researched the myriad ways negative stereotypes have influenced academic, professional, and personal performance. Most importantly, he has helped develop strategies for overcoming the damaging behavior that stereotypes can cause. For this and other work on the psychological experience of the individual, Steele is recognized as a leader in the field of social psychology and for his commitment to the systematic application of social science to problems of societal significance.

While Steele's early work focused on why African American and other minority students seemed do poorly at large institutions of higher education such as the University of Michigan and Stanford, he found that there is no group—young, old, Northerners, Southerners, WASPs, Californians—that doesn't have at least some negative stereotype associated with it.

Through rigorous testing, Steele saw that the pressure to overcome a stereotype, such as the notion that women are poor at math or Asians will outperform white males, affects cognitive performance. The work allowed Steele to refute the prevailing notion of the 1990s that the problem of academic underperformance among African Americans stemmed from the black students themselves and such issues as poor motivation, lack of family values, or social and economic deprivation. Instead, he found that black students, minorities, women, and others would test on par with their traditionally more successful white male counterparts if language that triggered a stereotype were removed from the test instructions.

Prior to leading the Stanford School of Education, Steele was provost of Columbia University and a professor of psychology there. Before that he was the Lucie Stern Professor in the Social Sciences at Stanford and director of the university's Center for Comparative Studies in Race and Ethnicity and its Center for Advanced Study in the Behavioral Sciences. He was educated at Hiram College and at Ohio State University, where he received a Ph.D. in psychology in 1971.

Steele has been elected to the National Academy of Sciences, the National Academy of Education, the American Academy of Arts and Sciences, and the American Philosophical Society. He is a board member of the Social Science Research Council and the John D. and Catherine T. MacArthur Foundation. He has received numerous fellowships and awards, including the William James Fellow Award for Distinguished Scientific Career Contribution from the American Psychological Society.

Steele will be awarded an honorary Doctor of Humane Letters degree.

Some have called **ASO TAVITIAN**'s story a tale straight from a Dickens novel. At age nineteen, he left communist Bulgaria and made his way to Beirut, Lebanon. Three months later, after a local high school teacher he met thought he was English, Tavitian was accepted at Haigazian College and awarded a full scholarship. He almost turned down the opportunity because he couldn't afford the living expenses. Fate had other plans.

A donor who insisted on anonymity offered to cover his living expenses. It wasn't until he left Beirut a year later that he learned that his benefactor was the teacher who had thought he was English.

"That obviously had a great impact on me," says Tavitian. "My teacher was a man of very modest means, and his desire that I not be told is the ultimate in giving." The gift not only changed Tavitian's life, it inspired his own lifelong philanthropy in education and the fine and performing arts.

After a year at Haigazian, he moved to the United States to attend Columbia University, where he earned an M.S. in nuclear engineering. Soon afterwards he cofounded Syncsort, which, in the late 1960s, was one of the first companies to sell standalone software, a move that launched the era of software as a commodity independent of hardware. Tavitian served as CEO of Syncsort from 1975 to 2008, and is now a member of its board of directors.

A privately held technology company operating in the field of Big Data, Syncsort produces data-protection software as well as resource-efficient data integration software. With headquarters in the United States and subsidiaries in Germany, France, the Netherlands, and the United Kingdom, Syncsort's products are deployed in seventy countries.

Tavitian says he views success not as an end in itself, but as a means to advance causes he considers important. In memory of the teacher who financed his education, the Tavitian Foundation, of which he is president, has awarded numerous university scholarships, with a preference given to students of Armenian and Bulgarian descent. The foundation funds the Tavitian Scholarship Program at the Fletcher School at Tufts University, a six-month training program for Armenian mid-career diplomats and government officials. One Fletcher student in the program said she was moved by Tavitian's generosity: "As Armenians, we are very proud there is such a person. Because of the education he received, he promised he would support people in the future. Our students, if someday they have a chance to support someone's education, will do the same with great pleasure."

He also founded and supports the Tavitian Library at the Armenian Ministry of Foreign Affairs, a collection focusing on international relations, diplomacy, world history, and the history of Armenia and the Caucasus. Tavitian's concern for global peace and prosperity was recognized in 2010 when he was appointed to the board of trustees of the Carnegie Endowment for International Peace.

Tavitian, who lives in New York City and Stockbridge, Massachusetts, is equally active and highly regarded in the arts communities. He is on the boards of the Frick Collection and Close Encounters with Music. He is also a member of the board of governors of the New School for Social Research; a member of the board of the French American Cultural Exchange, a nonprofit that fosters French-American relations; and vice chair of the board of trustees of the Austen Riggs Center, a nonprofit psychiatric hospital in Stockbridge, Massachusetts.

Tufts will award Tavitian a Doctor of Public Service degree.

## Commencement 2013

157тн сомменсемент School of Arts and Sciences

> 143RD COMMENCEMENT School of Engineering

#### **School of Arts and Sciences**

Order of Events

Undergraduate and graduate students in the School of Arts and Sciences participate in department ceremonies. The School of Engineering holds one ceremony for all graduating students. Each celebration has a unique order of events that reflects the character of the departments involved.

We invite you to enjoy the ceremonies (see page eight). The recognition of our students is well deserved. We congratulate all of our graduates for their academic achievement and wish them well in the future.

**Ceremony Hosts** 

John Barker, Dean of Undergraduate and Graduate Students for the School of Arts and Sciences and the School of Engineering
Nancy Bauer, Dean of Academic Affairs for the School of Arts and Sciences
Joanne Berger-Sweeney, Dean, School of Arts and Sciences
James M. Glaser, Dean of Academic Affairs for the School of Arts and Sciences
Carmen Lowe, Dean of Academic Advising and Undergraduate Studies
Lynne Pepall, Dean, Graduate School of Arts and Sciences
Bruce Reitman, Dean of Student Affairs for the School of Arts and Sciences and the School of Engineering
Diane Souvaine, Vice Provost for Research
Nancy Wilson, Dean ad interim, Jonathan M. Tisch College of Citizenship and Public Service

Academic Quad at 11:30 a.m.	
Student and Faculty Processional	
Master of Ceremonies	Lewis Edgers, Ph.D., Professor, Civil and Environmental Engineering
Greetings and Remarks	Linda M. Abriola, Ph.D., <i>Dean</i>
Recognition of Faculty Emeritus	Linda M. Abriola, Ph.D., <i>Dean</i>
Presentation of Graduate Degrees	Linda M. Abriola, Ph.D., <i>Dean</i> Sameer Sonkusale, Ph.D., <i>Associate Dean for Graduate Education</i> Robert Hannemann, Sc.D., <i>Director, Tufts Gordon Institute</i>
Presentation of Undergraduate Degrees	Linda M. Abriola, Ph.D., <i>Dean</i> G. Kim Knox, M.S., EG79, <i>Associate Dean for Undergraduate Education</i> Department Chairs
Closing Remarks	Linda M. Abriola, Ph.D., <i>Dean</i>
Recessional	

Undergraduate Awards/General Prizes and Scholarships

**The Alpha Omicron Pi Prize Scholarship** Rachel O. Rubin A13

**The Alpha Xi Delta Prize Scholarship** Samantha L. Sokol A14

**The Association of Tufts Alumnae Seventy-Fifth Anniversary Award** Amelie A. Hecht A13

**The Bennett Memorial Scholarship** Lucas W. Maher A13 Liza J. Wetzel A13

#### The Benjamin G. Brown Scholarship

Gregory M. Bodwin A13 Nathaniel Benjamin Eckman E13 Daniel F. Fortunato A13 Christopher E. Kehavias E13

The Gemma Cifarelli Memorial Scholarship Laura E. Crowell E14 Jacquelyn B. Kercheval A14

### The Prize Scholarship of the Class of 1882

Molly K. Crossman A13 Eric M. Kernfeld A14 Marco C. Sammon A13

#### The Class of 1898 Prize

Matthew J. Russell A13 Jay A. Stotsky E13 Alexandra J. Wollum A13

#### The Class of 1911 Prize Scholarship

Kathryn E. Galasso A13 Griselle Astrid Ong A13 Spencer M. Rubin A13 Amy J. Straus A13

#### The Class of 1942 Prize Scholarship

Mariah R. Gruner A13 Mae M. Humiston A13 Charlotte E. Mostertz A13 **The Community Service Award** Anne T. Wolfe A13

**The Donald A. Cowdery Memorial Scholarship** Tess Bonoli A13 Wyatt E. Cadley A13 Saw M. Lowe A13

**The De Florez Prize in Human Engineering** Laurie R. Rabin A13 Elizabeth P. Salowitz A13

**The Alex Elias Memorial Prize Scholarship** Scott B. Blumenthal A14 Kiersten V. Ellefsen A13 Samuel M. Haney E13 Caroline E. Patterson A13

The Frederick Melvin Ellis Prize Samuel B. Hansen A14 Lydia P. Jessup A13

**The Ivan Galantic Special Achievement in Humanities Prize** Emily K. Bartlett A13 Kacey K. Rayder A13

#### The Audrey Butvay Gruss Science Award

Robert A. Cerulli A13 Linh Dang A13 Ariel T. Hamlin E13 Min Zhong A13

**The Audrey L. Hale Prize** Arlen R. Weiner A13

**The Ethel M. Hayes Scholarship** Jonathan R. Duval A14 Kendrick T. Evans A14

The Karno Dean's Award for Academic Excellence and Leadership Emily R. Eickhoff E15 Kumar Ramanathan A15

**The Lewis F. Manly Memorial Prize** Andrew H. Lutz A13 The Lt. Commander Robert James Manning Memorial Prize Fund Nikolai Klebanov E14 Anders E. Simpson-Wolf E13

**The Multicultural Service Award** Amy N. Wipfler A13

**The Ellen C. Myers Memorial Prize** Andrea Diaz A13 Gabriel J. Siu E14

The Air Force ROTC Prize Award Audrey M. Knickel A14

The Army ROTC Prize Award Hans C. Ege Wenger A14

**The Navy V-12/NROTC Memorial Prize** Joshua L. Prince E14

#### **The Class of 1947 Victor Prather Prize** Noah A. Kurinsky E14 Alexander P. Sakers A13 Eriene-Heidi I. Sidhom A13

**The Pride on the Hill Award** Maya M. Grodman A13

**The Charles F. Seymour Jr. Prize** Brandon L. Cohn A13 Nadav Y. Hirsh A13

The Philip E. A. Sheridan, M.D., Prize Ilana L. Linder A13

**The Tufts University Alumni Association Award** Emily M. Sillari A13

#### 2013 Recipients of the Presidential Award for Citizenship and Public Service

School of Arts and Sciences Laura Corlin A13 Derek DuPont A13 Laura Rachel Glick A13 Maya Grodman A13 Jameelah Morris A13 Ethan Peritz A13 Benjamin Perlstein A13 Erica Satin-Hernandez A13 Nithyaa Venkataramani A13

Graduate School of Arts and Sciences Melissa Orkin G13 Katherine Walsh G13

*Graduate School of Engineering* Gabrielle String EG14

School of Dental Medicine Danielle Currier D13

Cummings School of Veterinary Medicine Katherine Holmes V13

The Fletcher School of Law and Diplomacy Patrick Kabanda F13

Friedman School of Nutrition Science and Policy Latrice Goosby-Landry A02, N04, N09, M12, M13

School of Medicine Jonathan Brower M13 Michael Kwak M13

Undergraduate Awards/Departmental Prizes and Scholarships

#### Honos Civicus Society

The Jonathan M. Tisch College of Citizenship and Public Service sponsors the *Honos Civicus* Society to honor and publicly recognize graduating seniors who have excelled in civic engagement as undergraduates. The 2013 *Honos Civicus* inductees are:

Brent S. Abel A13 Sara Adelsberg A13 Karen Adler A13 Hailey Alm A13 Maalika Banerjee A13 Laura J. Barnes A13 Emily K. Bartlett A13 Alexander Baskin A13 Sarah Boone A13 Amanda Borow A13 Anjuli Branz A13 Maxine Builder A13 Karen Bustard A13 Amy Louise Calfas A13 Xochitl Castro A13 Kathleen Chace A13 Yuri Chang A13 Yang Chen A13 Alexandria Chu A13 Allison Cohen A13 Laura Corlin A13 Logan Cotton A13 Fernando Alberto Cruz A13 Rashad Malik Davis A13 Lauren E. Deaderick A13 Beckylee Dell A13 Rebecca DiBiase A13 Brendan Dillon A13 Rosario Dominguez A13 Anna Dukhovich A13 Ezra Dunkle-Polier A13 Leah Effron A13 Kiersten Ellefsen A13 Claire Elizabeth Felter A13 Kelly Finn A13 Erin Fleurant A13 Barbara Florvil A13 Anna Furman A13 Shreya Gandhi A13 Caroline Geiger A13 Anya Gelernt A13 Erin S. Gelgoot A13 Laura Rachel Glick A13 Iena Goettisheim A13

Rebecca Gofman A13 Meredith Goldberg A13 Erica Goldstein E13 Maya Maria Grodman A13 Mariah Rose Gruner A13 Irviandari Gusman A13 Jessica Haggett A13 Madeline Hall A13 Amelie Hecht A13 Katherine Hegarty A13 Claire M. Heinegg A13 Emily Caitlin Kellogg Higgins A13 Alexis Hoffman A13 Ilana Hosios A13 Mae McKenzie Humiston A13 Darius Izadpanah A13 Danielle F. Jenkins A13 Vasundhara Jolly A13 Yulia Korovikov A13 Samuel Kronish A13 John J. Lapin A13 Anna Larson Williams A13 Gillian Leitch A13 Rebekah Liebermann A13 Thiago Lima A13 Natasha Link A13 Alexandra Lis-Perlis A13 Christina Liu A13 Lura R. Long A13 Jonathan Lowenthal A13 Mackenzie Loy A13 Hilary Ludlow A13 Emilia Luna A13 Christina Luo A13 Meagan Maher A13 Joshua Malkin A13 David Mevers A13 Amanda Miller A13 Katherine Monson A13 Jameelah Morris A13 Alvson Moskowitz A13 Misaki Nozawa E13 Ednah Nwafor A13 Pat Oungpasuk A13 Jessie Pearl A13 Benjamin Perlstein A13 Marie Perrot A13 Alexa Petersen A13 Aeden Pillai A13 Sofia Poma A13 Neethu S. Putta A13 Lauren Grace Ouan A13 Bronwen Raff A13 Namratha Rao A13

Alyssa Ridley A13 Melissa Roberts A13 Gabriela M. Ros Albert A13 Allison Rugg A13 Alexa Sasanow A13 Erica Satin-Hernandez A13 Elizabeth Shrobe A13 Kimberly Situ A13 Ann Sloan A13 Alix Slosberg A13 Minyoung Song A13 Laurel Starr A13 Chelang'at Surum A13 Maya Sussman A13 Kanupriya Tewari A13 Katja A. Torres Ortiz A13 Alanna Tuller A13 Katherine Tully McManus A13 Natasha Anand Tyagi A13 Natalia Vasquez A13 Nithyaa Venkataramani A13 Alyssa von Puttkammer A13 Arlen R. Weiner A13 Kristine Wiitala A13 Tabias Wilson A13 Amy Neuman Wipfler A13 Alyssa Wohlfahrt A13 Anne Wolfe A13 Alexandra Wollum A13 Chloe A. Wong A13 Marian Younge A13

ANTHROPOLOGY The Department of Anthropology Prize Mariah R. Gruner A13

#### Archaeology

**The Marianne J. H. Witherby Prize in Archaeology** Olivia E. Hayden A13

ART & ART HISTORY The Architectural Studies Prize Maya Ammar A13

Art & Art History Prize Amy N. Wipfler A13

#### BIOLOGY The Nancy W. Anderson Award for Environmental Sustainability

Danielle F. Jenkins A13 Jessie K. Pearl A13

#### The Thomas Harrison Carmichael and Emily Leonard Carmichael Prize Scholarship

Anna Dukhovich A13 Nicholas G. Economos A13 Devin P. Merullo A13

#### The Anna Quincy Churchill Prize in General Biology

Ani E. Papazian A15 Haylee L. Rosenblatt A16 Julia S. Turock A16 Allan L. Yau A15

#### **The Paula Frazier Poskitt Scholarship** Anna M. Lello-Smith A14

#### Chemistry

**The R. M. Karapetoff Cobb Chemistry Fund** Stacey B. Berkowitz A14 Yu Li A14

#### The Durkee Scholarships

Bryce W. Meyer A13 Jeremy A. Nowak A13 Alexander P. Sakers A13 Eriene-Heidi I. Sidhom A13

Undergraduate Awards/Departmental Prizes and Scholarships

**The Margaret Durkee Angell and Henrietta Brown Durkee Scholarship Fund** Eriene-Heidi I. Sidhom A13

**The Max Tishler Prize Scholarship** Joshua I. Levy A14 Max Zhukovsky A14

CHILD DEVELOPMENT The Eliot-Pearson Department of Child Development Prize Kelly E. Allen A13

CLASSICS **The Boston Greek Prize** Paul M. Kuta A14

**The William Frank Wyatt Prize** Samantha M. Cassidy A14

The John W. and Katherine L. Zarker Award for Excellence in Classical Studies Tess Bonoli A13

COMMUNITY HEALTH The Janice Spencer Calkin Community Health Award Jacquelyn B. Kercheval A14 Caitlyn P. Lahousse A14

COMPUTER SCIENCE The James Schmolze Prize for Excellence in Computer Science

Gregory M. Bodwin A13 Ariel T. Hamlin E13

DRAMA/DANCE The Moses True Brown Prize Lindsay A. Carpenter A13 Maya M. Grodman A13

The Alice E. Trexler Dance Studies Award Abigail K. Hepworth A13 Jason P. Wilson A13 **The Goddard Rhetorical Prize** Melis Aker A13 Ryan G. Willison A13

**The Greenwood Prize Scholarship** Marnie E. Kingsley A13

**The Jane Anne Herman Prize** Esther S. Bernstein A13

**The Stephen Sapuppo Prize** Alex H. Wallach Hanson A14

EARTH AND OCEAN SCIENCES **The James D. Hume Field Geology Scholarship Prize** Alyssa M. Le A14 Sarah M. Strand A14

**The Robert L. Nichols Scholarship Prize** Drew A. Fuchs A14

**The Charles E. Stearns Scholarship Prize** Katherine E. Lowe A14

ECONOMICS **The Charles G. Bluhdorn Prize in Economics** Benjamin M. Glass A13 Marco C. Sammon A13

**The Marion Ricker Houston Prize Scholarship** Wyatt E. Cadley A13 Katherine D. Monson A13 Emily M. Sillari A13 Alix L. Slosberg A13

**The Daniel Ounjian Prize in Economics** Michael S. Roubey A14 Emily L. Rourke A14

ENGLISH **The Mary Grant Charles Prize Scholarship Fund** Rachel Stern A13

**The Morton N. Cohen Creative Writing Award** Craig R. Dathe A14 Andrew M. Padgett A13 **The Department of English Prize** Ian A. Braddy A13 William A. Stonefield A13 David M. Welch A13

GERMAN, RUSSIAN, AND ASIAN LANGUAGES **The Arabic Language, Cultures and Literature Prize** Caitlyn N. Doucette A13

**The Asian Studies Prize** Marcus J. Larsen-Strecker A13 Kristen Morrison A13

**The Chinese Language and Literature Prize** Kimberly M. Situ A13

**The International Literary and Visual Studies Prize** Katherine A. Quackenbush A13 Maya D. Sussman A13 William R. Varteresian A13

**The Robert Asch Prize** Kedar F. Kurpad A13 Adam M. Sax A13

**The William Howell Reed Prize in German** Ian S. Erhard A13 Samantha S. Morse A13

**The Japanese Language and Literature Prize** Jacob C. Vlahakis A13

**The Joseph and Sara Stone Prize** Marisa H. Shapiro A13 Kelly A. Shorr A13

**The Russian Prize** Tansinee Caprez A13 Benjamin T. Van Meter A13

HISTORY **The Albert H. Imlah European History Prize** Andrew J. Collins A13 Samuel B. Goodwin A13 **The Albert H. Imlah Excellence in History Prize** Katherine E. Balch A13 Charlotte E. Mostertz A13

**The Russell E. Miller History Prize** Catherine F. Boyle A13

**Daughters of the Revolution Prize Scholarship** Megan A. Clark A14

MATHEMATICS The Martin Guterman Award Zachary D. Tripp A16

**The Ralph S. Kaye Memorial Prize** Daniel F. Fortunato A13

MUSEUM SCHOOL **The Melissa Beth Meyers Award** Nicholas Schaffer Y14

MUSIC **The Mabel Daniels Prize in Music and Literature** Deniz Tetik A13

The Outstanding Achievement Award in the Department of Music Will S. Myers A13

The Etta and Harry Winokur Award for Outstanding Achievement in Artistic or Scholarly Work Alexander M. Berger A13

The Etta and Harry Winokur Award for Outstanding Contribution to Performance Suzanne Lis A13 Meredith E. Packer E13

**The William J. King Award** Stefanie C. Yeung A14

Undergraduate Awards/Departmental Prizes and Scholarships

PHILOSOPHY **The Helen Morris Cartwright Memorial Prize** Amanda K. Hay A13 Kyle H. Scott A13

#### Physics

**The Amos Emerson Dolbear Scholarships** Kevin C. Li A13

**The Howard Sample Prize Scholarship in Physics** Joshua I. Levy A14 Yu Li A14 Matthew J. Ryan A15

**The N. Hobbs Knight Prize Scholarship in Physics** Joseph M. Rahamim A13 Robert S. Rockmore A14

PSYCHOLOGY The Thomas Harrison Carmichael and Emily Leonard Carmichael Prize Scholarship Brendan R. Dillon A13 Melissa R. Langer A13

The Class of 1921 Leonard Carmichael Prize Scholarship Fund

Samuel H. Lundquist A14 Nishi Mehta A14 Michael S. Roubey A14 Nicholas G. Woolf A14

#### The Priscilla N. Dunne Prize

Katelin M. Maguire A13 Rachel O. Rubin A13 Zoey A. Shaw A13

The Sal Soraci Prize Mitchell S. Mosk A14

#### The Joanne Mary Sullivan Prize

Molly K. Crossman A13 Joshua E. Malkin A13

#### Religion

**The Department of Religion Prize** Emily K. Bartlett A13 RESUMED EDUCATION FOR ADULT LEARNERS **The Theresa McDermott Carzo Award** Moussa Ahmed Alrifai A13 Marissa Davis A13

**The Resumed Education for Adult Learners Prize Scholarship** Andrew J. Collins A13 Ami J. Malia A13

ROMANCE LANGUAGES The Constantine Ghikas Prize in Romance Languages

Emily K. Bartlett A13 Jessica J. De la Torre A13 Anna Dukhovich A13 Caroline Eleanor Geiger A13 Ian R. Grant A13 Elena S. Hill A13 Olivia Gilhooly Japlon A13 Suzanne Lis A13 Kelly Ann Manser A13 Marguerite S. Selvin A13 David M. Smythe II A13 Megan M. Wasson A13 Anna Larson Williams A13 Michelle J. Witrock A13

**The Laminan Prize in Romance Languages** Flavia C. Alimonti A13 Tess Bonoli A13 Samantha A. Carle A13 Allison R. Rugg A13 Maya Dallin Sussman A13

#### The Frederic J. Shepler Memorial Prize in French

Karen Robin Adler A13 Anushka Chugani A13 Marissa J. Gallerani A13 Sundardas J. Powers-Adler A13 Katherine A. Quackenbush A13 Jazmin M. Rodriguez A13 David M. Smythe II A13 Scott K. Sugarman A13 Paige Elizabeth von Mehren A13 Jennifer M. White A13 SOCIOLOGY **The Sociology Prize** Anjuli Branz A13 Elaine M. Kim A13

SCHOOL OF ARTS AND SCIENCES COMPETITIVE PRIZES AND SCHOLARSHIPS **The Anne E. Borghesani Memorial Prize** Malina L. Filkins A14 Christina E. Goldbaum A14 Taina M. Paredes A14 Isabel L. Weiner A14

#### **The Marshall Hochhauser Prize** Brionna Jimerson A13 Benjamin L. Perlstein A13 Rebecca J. Wood-Spagnoli A13

The Paul Montle Prize Scholarship John P. Brennan A14 Brandon L. Cohn A13 James F. Lockwood E13

**The Wendell Phillips Memorial Scholarship** Kristen M. Ford E13

The Tisch Library Undergraduate Research Awards The First Year Writing Prize Jacob J. Merrin A16

*The 001–009 Course Level Prize 1st place* Lia N. Weintraub A14

The 001–009 Course Level Prize 2nd place Carlota Fernandez-Tubau Rullo A15

The 100–200 Course Level Prize 1st place Andrew C. Lang A13

*The 100–200 Course Level Prize 2nd place* Hayden A. Lizotte A15 **The Elizabeth Verveer Tishler Prize in Music Performance** Suzanne Lis A13 Alek S. Razdan A15

SCHOOL OF ENGINEERING GENERAL PRIZES AND SCHOLARSHIPS **The Harry Poole Burden Prize in Electrical or Computer Engineering** Anders E. Simpsom-Wolf E13 Ramanjit Singh E13 Scott J. Staniewicz E13

**The Amos Emerson Dolbear Scholarships** Ross D. Beighley E13 Tyler Heck E13 Michael D. Tran E13

**The Morris and Sid Heyman Prize Scholarships** Hassan Oukacha E13 John A. Pothier E14 Joshua Rapp E14

**The Mechanical Engineering Prize** Timothy Patrick Martin E13

**Trefethen Research Award** Nathaniel Benjamin Eckman E13

**O'Leary Design Award** Tyler C. Andrews E13 Jack Carter E13 Nathaniel Benjamin Eckman E13 Bradley R. Nakanishi E13

**The Vincent Manno Leadership Award** Christopher L. Jackson E13

#### **School of Arts and Sciences**

National Honor Societies

#### Phi Beta Kappa

Karen Adler Maya Ammar Adrian O. Banerji Jessie M. Belfer Tess Bonoli Lauren E. Border Catherine Fitzgerald Boyle Tansinee Caprez Samantha Ann Carle Kathleen Chase Erik Joseph DeAngelis Rebecca Marie DiBiase Brendan Dillon Daniel F. Fortunato David J. Gertner Benjamin Michael Glass Ian Grant Mariah Rose Gruner Madeline E. Hall Olivia Eve Hayden Nadav Y. Hirsh Elizabeth Lai-San Ho Elaine Minjy Kim Maria S. Kryatova Marcus Johannes Larsen-Strecker Andrew Lutz Rebecca Adelena Matyas Bryce W. Meyer Kathryn Grace Myers Namson Ngo-Le Jeremy Andrew Nowak Amy Elizabeth Olson Griselle Astrid Ong Caroline Patterson Caitlin M. Peterman **Emily Caroline Poole** Katherine A. Quackenbush Laurie R. Rabin Lauren Alexandra Rose Daniel Rosebrock Anna Markoe Rotrosen Spencer M. Rubin Sydney L. Rubin Matthew J. Russell Elizabeth Picchietti Salowitz Alyssa P. San Pedro

#### Emma M. Sass Afsheen Sharifzadeh Michael Shoop Kelly A. Shorr Sue Daniels Smith Jeffrey Mason Solomon Rachel Aviva Stern Scott Sugarman Maya Sussman William Richard Teresa Cody A. Valdes Arlen R. Weiner Alexandra Justine Wollum

#### Tau Beta Pi

Meth Bandara Anthony Burzesi Alex Chan Chak (Alan) Chu Amy Demicco Nathaniel Benjamin Eckman Joshua Elliot Karl Gaebler Sean Gilmore Catherine Hoar Jacqueline Judith Christopher Kehayias Alyssa Kody Jason Lau Porakrit Leophairatana Darcy Mann Timothy Patrick Martin Erica Mason Riley Meehan Bradley R. Nakanishi Meredith Packer Adam Pardes Noah Paulson Brian Rohr Elizabeth Rosenberg Andrew Salber Ramanjit Singh Christopher Smith Kimberly Stachenfeld Scott J. Staniewicz Jay Stotsky Andrew Summerfield Alexandra Testa Michael D. Tran Samuel Woolf

Competitive Graduate Student Awards and Prizes

Outstanding Academic Performance (master's level) Michael Bartholomew Laurello

**Outstanding Academic Performance** (**doctoral level**) Wenwen Huang April D. Jewell

**The Robert P. Guertin Student Leadership Award** R. Jason Heustis Joanna F. Xylas

**Rhonda Saad Graduate Prize** Lora E. Webb

**Professor Kalman A. Burnim Prize for Scholarly Excellence in Drama** Fiona C. Coffey Heather F. Phillips

Outstanding Graduate Student Contributions to Undergraduate Studies Megan Kiely Mueller Melissa Orkin Spencer Ambrose Smith

**Mary Ann Mulcahy Service in Education Award** Berenice Diaz

Christopher Flaherty Keith Zalaski

Sarah Plummer Memorial Prize Brigid M. Freymuller

Marjorie B. Greene Award in Occupational Therapy Jennifer Iassogna The Eliot-Pearson Doctoral Research Practice Integration Award Melissa Orkin

**The Eliot-Pearson Excellence in Teaching Award** Haley A. Chapman

The Award for Outstanding Graduate Contribution to Engineering Education Noah Daniels James Kaklamanos

Outstanding Graduate Researcher in Engineering (master's level) Andrea N. Brown

Outstanding Graduate Researcher in Engineering (doctoral level) Matthew B. Boucher Bertan Hallacoglu Byron C. Wallace

**The Gordon Institute Outstanding Student Award** Daniel Keating

Graduate Student Council Outstanding Graduate Contribution to Undergraduate Studies Award Jeffrey P. Brown Shoshoni T. Caine Emily L. King

Graduate Student Council Service Award

R. Jason Heustis Aaron Carl Tietz Joanna F. Xylas **Graduate Student Council Research Symposium** Shoshoni T. Caine R. Jason Heustis

NAGS Thesis Award Patricia Joan Allen

Rachel Leah Schechter

#### Research Grants-in-Aid Recipients

Sara E. Anderson, Fall 10 Andrea N. Brown, Fall 11 Shoshoni T. Caine, Spring 08 Chiyo Crawford, Fall 10, Spring 10 Jaclyn R. DeVore, Fall 11 Neal Hannon Drew, Fall 12 Yongxuan Gao, Spring 08 Carl E. Hagmann, Spring 11 R. Jason Heustis, Fall 07 Sairah Husain, Spring 12 Janet Lau, Fall 10, Fall 12 Linda L. Lau, Spring 09, Fall 10 Monica Lynn Manoski, Fall 12 Cathy Renee McLaurin, Spring 13 Melissa Orkin, Spring 12 Amna Qayyum, Fall 12 Laura Beth Reese, Spring 12 Blake Roberts, Fall 12 Spencer R. Schwerdtfeger, Spring 13 Emily Anne Shafer, Fall 11 Kartik Shah, Fall 09, Spring 12 Corey M. Shemelya, Spring 11 Amanda Strawhacker, Spring 13 Katherine P. Walsh, Spring 13 Joanna F. Xylas, Spring 10 Cuixian Yang, Fall 10 Yang Yang, Fall 11

Candidates for Graduate Degrees

#### Doctor of Philosophy

Gizem Akcay\* Chemistry B.S., Bogazici University, Turkey Dissertation: Convergent Synthesis Approach for Stereospecific Preparation of Fluorinated Carbohydrates in Exploration of Cell Surface Receptor-Ligand Interactions Advisor: Dr. Krishna Kumar

#### Patricia Joan Allen

Psychology B.S., Trinity College M.S., Tufts University Dissertation: Influence of Chronic Creatine Supplementation on Neurogenesis, Synaptic Plasticity and Affective Behavior: Implications for Sex-Specific Differences Advisor: Dr. Robin Kanarek

#### Sara E. Anderson\*

Child Development B.A., Whitman College M.A., University of New Hampshire Dissertation: When Moving May Matter for Children: An Exploration of the Role of Time and Place Advisor: Dr. Tama Leventhal

#### Rebecca E. Batorsky\*

Physics B.S., Rutgers University Dissertation: Mathematical Modeling of the Within-Host Dynamics and Evolution of the Human Immunodeficiency Virus Advisor: Dr. Leon Gunther

#### Kristen Abbott Bennett

English B.A., Syracuse University M.Ed., University of Massachusetts Boston M.A., University of Massachusetts Boston Dissertation: Thomas Nashe and Early Modern Protest Literature Advisor: Dr. Judith Haber

#### Michelle J. Boyd\*

Child Development B.S., Howard University M.A., Tufts University Dissertation: The Relationship between Adolescents' News Media Use, Interpersonal Communication with Parents and Friends, and Civic Engagement Advisor: Dr. Richard Lerner

#### Delilah Bermudez Brataas\*

English B.A., Florida International University M.A., Tufts University Dissertation: Shakespeare and Cavendish: Engendering the Early Modern English Utopia Advisor: Dr. Judith Haber

#### Tisha M. Brooks

English B.A., Ursinus College M.T.S., Harvard Divinity School M.A., Tufts University Dissertation: Spiritual Lives: Embodied Spiritual Practice in African American Women's Literature and Film Advisor: Dr. Christina Sharpe

#### Shoshoni T. Caine

Biology B.S., Bates College Dissertation: Repair and Regeneration of the Pronephric Kidney in *Xenopus laevis* Tadpoles Advisor: Dr. Kelly McLaughlin

#### Donghui Chen\*

Mathematics B.S., Fudan University, China M.A., Wake Forest University Dissertation: Numerical Methods for Edge-Preserving Image Restoration Advisor: Dr. Misha Kilmer

#### Nan Chen\*\*\*

Chemistry B.S., Lanzhou University, China Dissertation: State-Resolved Reactivity and Bond-Selective Control of Methane on Ni(111) Advisor: Dr. Arthur Utz

#### Fiona C. Coffey

Drama B.A., Stanford University M.A., Trinity College Dublin, Ireland Dissertation: From Troubles to Peace: Northern Irish Women Playwrights, 1980–2012 Advisor: Dr. Barbara Grossman

Candidates for Graduate Degrees

#### Chiyo Crawford\*\*

English B.A., University of Washington M.A., Tufts University Dissertation: Crosscurrents: Urban Environmental Justice Struggles in Twentieth-Century American Literature Advisor: Dr. Elizabeth Ammons

#### Virginia Diez\*

Child Development B.A., American University M.A., Tufts University Dissertation: Care and Working Together: A Case Study of a School Where Spanish-Speaking English Language Learners Succeed Advisor: Dr. Calvin Gidney

#### Carl E. Hagmann\*\*\*

Psychology B.A., Franklin & Marshall College Dissertation: Comparative Examination of Audio-Visual Rhythmic Processing in Birds and Humans Advisor: Dr. Robert Cook

#### Ronald Jason Heustis\*

Biology B.S., Saint Louis University M.S., Tufts University Dissertation: Characterization of Chitin Synthases and Chitin Deacetylases That Function During the Development of the Nematode *Caenorhabditis elegans* Advisor: Dr. Juliet Fuhrman

#### Wenwen Huang\*\*\*

Physics B.A., Peking University, China B.S., Peking University, China M.S., Tufts University Dissertation: Thermal Analysis, Structural Studies and Morphology of Spider Silk-Like Block Copolymers

#### April D. Jewell\*

Advisor: Dr. Peggy Cebe

Chemistry B.S., George Washington University Dissertation: Atomic Diffusion and Molecular Self-Assembly on Metal Surfaces Advisor: Dr. Charles Sykes

#### Mark David Kaufman

English B.A., Colorado State University M.A., Colorado State University Dissertation: Secret States: Modernism, Espionage, and the Official Secrets Act Advisor: Dr. Joseph Litvak

#### Alexander C. Keyel\*

Biology B.S., Arizona State University Dissertation: Examining the Effects of Behavior, Landscape Fragmentation, and Climate Change on Avian Distributions Advisor: Dr. J. Michael Reed

#### Emily L. King\*

English B.S., Kansas State University B.A., Kansas State University M.A., Tufts University Dissertation: At the Limit: Ethics, Sovereignty, and Subjectivity in English Revenge Tragedy Advisor: Dr. Lee Edelman and Dr. Judith Haber

#### Linda L. Lau

Drama B.A., San Francisco State University M.A., San Francisco State University Dissertation: Performing the City: Finding a Place Called Home in Contemporary Hong Kong Activist Theatre Advisor: Dr. Monica Ndounou

#### Kyung-Taek Lim\*\*

Mathematics B.S., Korea University, Republic of Korea M.S., Brown University Ph.D., Brown University M.S., Tufts University Dissertation: The Spherical Mean Value Operators on Euclidean and Hyperbolic Spaces Advisor: Dr. Fulton Gonzalez

#### Chunhua Liu\*

Education B.S., Harbin Normal University, China Dissertation: Children Merging Quantification into Their Qualitative Intuitions About Density Advisor: Dr. Analucia Schliemann

Candidates for Graduate Degrees

Lisa Casey Lucia\*\*\* Psychology B.S., Bates College M.S., Tufts University Dissertation: An Electrophysiological Study of the Effects of Visuospatial Training on Mental Rotation, Object Identification, and Enumeration Performance Advisor: Dr. Phillip Holcomb

#### Claudia Miranda-Julian

Child Development B.A., New York University M.S., Columbia University Dissertation: The Impact of Trauma on Adolescent Mothers' Psychological Functioning, Emotional Availability, and Program Utilization Advisor: Dr. M. Ann Easterbrooks

#### Megan Kiely Mueller

Child Development B.A., Tufts University M.A., Tufts University Dissertation: The Role of Human-Animal Interaction in Promoting Positive Youth Development: Toward Theory-Based Measurement and Application Advisor: Dr. Richard Lerner

#### Christopher M. Napolitano

Child Development B.A., Boston College M.A., Tufts University Dissertation: More Than Just a Simple Twist of Fate: Serendipitous Relations in Adolescence Advisor: Dr. Richard Lerner

#### Boyd L. Nielson\*

English B.A., University of Utah M.A., University of Utah Dissertation: "For Thy Best Beauty": Canticles and Collectivity in Early America Advisor: Dr. Jesper Rosenmeier

#### Reid B. Offringa\*

Psychology B.S., Trinity College M.S., Tufts University Dissertation: Fear Conditioning and Extinction in Twins Discordant for Combat Exposure and PTSD Advisor: Dr. Lisa Shin

#### Melissa Orkin

Child Development B.A., Arizona State University M.A., Tufts University Dissertation: Fostering Intrinsic Motivation, Learning Goals and Fluids Beliefs of Intelligence Among Struggling Readers: An Intervention Study Advisor: Dr. Maryanne Wolf

#### Heather F. Phillips

Drama B.A., Marlboro College Dissertation: Of Beasts and Men: Animal Bloodsports in Early Modern England Advisor: Dr. Downing Cless

#### Jelena Ryvkina

Mathematics Diplom, Johann-Wolfgang Goetha University, Germany Dissertation: Fractional Brownian Motion with Variable Hurst Parameter Advisor: Dr. Marjorie Hahn

#### Rachel Leah Schechter\*\*\*

Child Development B.A., University of Massachusetts Amherst M.Ed., Harvard University Dissertation: Preschoolers' Recall of Science Content From Educational Videos Presented With and Without Songs Advisor: Dr. Calvin Gidney

#### Kristina L. Schmid Callina

Child Development B.A., University of New Hampshire M.A., Tufts University Dissertation: Hope and Thriving in Adolescence and Young Adulthood: A Relational Developmental Systems Framework Advisor: Dr. Richard Lerner

#### Alyssa Erin Schmidt\*

Drama B.A., Willamette University Dissertation: After History: Famine Plays of an Gorta Mór and the Holodomor Advisor: Dr. Downing Cless

#### Kartik Shah

Biology B.E., Jawaharlal Nehru Technology University, India Dissertation: Genetic Control of DNA Repeat Expansions and Mutagenesis Advisor: Dr. Sergei Mirkin

Candidates for Graduate Degrees

#### Spencer Ambrose Smith\*

Physics B.A., Dartmouth College M.S., Tufts University Dissertation: Point Vortices: Finding Periodic Orbits and Their Topological Classification Advisor: Dr. Bruce Boghosian

#### Sreevidhya Tarakkad Krishnaji\*

Chemistry B.S., Stella Maris College, India M.S., University of Madras, India Dissertation: Sequence-Structure-Property Relationships of Recombinant Spider Silk Block Copolymers Advisor: Dr. David Kaplan

#### Subrahmanian Tarakkad Krishnaji\*

Chemistry/Biotechnology B.S., University of Madras, India M.S., Indian Institute of Technology Madras, India Dissertation: Novel Lipidated Compounds for Delivery and Function Advisor: Dr. Krishna Kumar

#### Nino Testa\*\*\*

English B.A., Miami University M.A., Tufts University Dissertation: Written in Blood: AIDS and the Politics of Genre Advisor: Dr. Virginia Jackson

#### Mary Anne Todgham

Psychology B.A., Cornell University M.S., Tufts University Dissertation: The Quick Win: Predictive Accuracy and Structure of Thin Slice Judgments in a Dyadic Negotiation Advisor: Dr. Nalini Ambady

#### Catherine Victoria Ullman Shade\*

Child Development B.A., Tufts University M.Ed., Harvard University Dissertation: An Examination of the Relationship between Morphosyntactic and Phonological Nonstandard Dialect Features and Literacy Skills among African-American Children Advisor: Dr. Maryanne Wolf

#### Douglas Peter Urban

Physics B.A., Dartmouth College M.S., Tufts University Dissertation: Averaged Null Energy Condition Advisor: Dr. Ken Olum

#### Jeffrey C. VanderVeen

English B.A., University of Toledo M.A., Colorado State University Dissertation: Frontier Modernisms: Form, Race, and Rupture in 1920s Novels Advisor: Dr. Elizabeth Ammons

#### Qi Wang

Psychology B.S., Zhejiang University, China M.Ed., Southwest University, China Dissertation: Perceptuo-Motor Associations in Spatial Knowledge: Encoding or Retrieval Effect? Advisor: Dr. Holly Taylor

#### Yen Na Yum

Psychology B.A., Haverford College M.S., Tufts University Dissertation: An ERP Investigation on Adult Second Language Word Learning Advisor: Dr. Phillip Holcomb

#### Doctor of Occupational Therapy

#### Neal Hannon Drew

Occupational Therapy B.A., George Washington University M.S., Tufts University Leadership Project: Implementation Strategies for Transition Service Providers Advisor: Dr. Sharan Schwartzberg

#### **Educational Specialist**

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Rachel L. Leadon Philosophy B.A., Willamette University

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Elizabeth J. Mellen\* Classics B.A., University of Massachusetts Boston

Kena E. Mena\*\*\* Child Development B.A., Cedarville University Elizabeth C. Milburn\*\* French B.A., Tufts University

Dorice Y. Moise School Psychology B.A., Boston College M.Ed., Harvard University

Katherine Colson Moore\* Urban & Environmental Policy and Planning B.A., University of Michigan-Ann Arbor

Micaelah B. Morrill Urban & Environmental Policy and Planning B.A., University of Massachusetts Amherst

Michael L. Morris\*\* Drama B.A., Harvard University M.B.A., Brigham Young University

Justin C. Mueller Music Stony Brook University

Luke S. Mueller English B.A., University of Massachusetts Amherst M.S., Drexel University

**Jeanne-Marie Musca** Philosophy B.A., Carleton University

Kristen D. Nearing Child Development B.S., Suffolk University

Jacqueline E. O'Dell\* English B.A., New York University

Matthew L. Oquist\*\*\* Philosophy B.S., Taylor University

Elizabeth M. Packer History B.A., Vassar College

Candidates for Graduate Degrees

Jingtong Pan\* Child Development B.S., Peking University, China

Jessie Armstrong Partridge\* Urban & Environmental Policy and Planning B.S.CH.E., Tufts University

Katharine Perry Child Development B.A., University of Houston

Shauna C. Peterson Art and Art History B.A., University of California at Berkeley

Sarah Pfitzer Child Development B.A., Boston University

**Benjamin R. Phelps\*\*\*** Education B.A., Tufts University

Lindsey A. Pinkham\* School Psychology B.A., Stonehill College

Giselle Pisani\* School Psychology B.A., Rutgers-New Brunswick

Erin M. Poor Art History and Museum Studies B.A., Saint Olaf College

Lindsay M. Pucino\* School Psychology B.S., Sacred Heart University

Amna Qayyum History B.A., Connecticut College

Lydia R. Rainville\*\* Urban & Environmental Policy and Planning B.A., Smith College

Shayan Rajani\* History B.A., Harvard University

Nathan T. Rawding\*\*\* Urban & Environmental Policy and Planning B.A., University of Massachusetts Amherst **Diana B. Rawson\*** School Psychology B.A., Wagner College

Jessica F. Reinstein\* School Psychology B.S., Towson University

Sarah Anne Richmond Education B.A., Colby College

**Blake Roberts** Urban & Environmental Policy and Planning B.A., Swarthmore College

Lauren O. Rosenbaum\* School Psychology B.A., New York University

Hope Roth History B.S., Trinity College

Krista L. Schmidt\*\*\* History and Museum Studies B.A., Saint Olaf College

Emma C. Schneider\*\*\* English B.A., Oberlin College

Amy E. Schwarz\* School Psychology B.A., University of Connecticut

Spencer R. Schwerdtfeger History B.A., Chapman College

Safoura Seddighin Child Development B.S., Isfahan University of Technology, Iran M.S., California State University, Sacramento

Anne Elizabeth Sexton Urban & Environmental Policy and Planning B.A., Oglethorpe University

Emily Anne Shafer\* History and Museum Studies B.A., University of Michigan-Dearborn

Candidates for Graduate Degrees

**Dana B. Silverberg\*** School Psychology B.A., Connecticut College

Alison P. Simons\* School Psychology B.A., Marist College

Lillian Naomi Slezak Art and Art History B.A., Bard College

Lisa D. Snyder Music B.A., Northwestern University

Megan E. Stake Child Development B.S., Salve Regina University

Caroline B. Steele\* School Psychology B.A., Boston University

Amanda Strawhacker Child Development B.A., Tufts University

Takayuki Suzuki Urban & Environmental Policy and Planning B.E., University of Tokyo, Japan

**Caitlin S. Szalay\*** School Psychology B.A., Berea College

Brian A. Szekely Urban & Environmental Policy and Planning B.A., Washington University in St. Louis M.S., Virginia Polytechnic Institute and State University

Ellen R. Szykowny\* School Psychology B.S., Davidson College

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Silvia M. Tanga Urban & Environmental Policy and Planning B.S., The London School of Economics and Political Science, United Kingdom M.S., University College London, United Kingdom Axum T. Teferra\*\*\* Urban & Environmental Policy and Planning B.S., Texas Tech University

Aaron Carl Tietz\*\*\* Child Development B.A., University of Illinois at Urbana-Champaign

**Dalya E. Umans** Child Development B.A., Oberlin College

**Devanshi S. Unadkat** Child Development B.A., Denison University

Andrea M. Vesecky\*\*\* Museum Education B.F.A., Michigan State University B.A., Michigan State University

Andrew K. Wagoner Urban & Environmental Policy and Planning B.A., La Salle University

Yafeng Wang Philosophy B.A., Wuhan University, China

Andrew D. Warburton English B.A., University of West England, United Kingdom M.A., Bath Spa University, United Kingdom

Lora E. Webb Art and Art History B.A., Oklahoma State University

Alexis S. Weber\* School Psychology B.A., Williams College J.D., Northeastern University

Meghan J. Welch\*\*\* Urban & Environmental Policy and Planning B.A., Connecticut College

Nicolas P. Welch Urban & Environmental Policy and Planning B.A., Tufts University

Timothy J. Welch\* German B.A., Northwestern University

Candidates for Graduate Degrees

Katina Cardenas Williams Art and Art History B.A., Swarthmore College

Elizabeth Carlton Wilson Museum Education B.A., University of California at Santa Cruz

**Carl Anthony Wolff\*\*** Drama B.A., University of Virginia

Ashley E. Wood\* Child Development B.A., University of Colorado at Boulder

Sara C. Wooten\* Education B.A., Purdue University M.A., Brandeis University

Caitlin M. Wyler\*\*\* Museum Education B.A., University of Arizona

Xian Zhang Child Development B.S., University College London, United Kingdom M.S., University College London, United Kingdom

**Jimmy B. Zuniga** Education B.A., Tufts University

#### Master of Arts in Teaching

Danielle Alli Education B.A., Tufts University M.S., University of Massachusetts Boston

**Joshua Armitage** Education B.A., Gordon College

Adam Aronson Education B.A., Tufts University

Jessica May Barrett\* Education B.S., Tufts University Thomas D. Beaton\* Education B.A., Bates College

Jessica N. Bencosme\* Education B.A., Wheaton College (Massachusetts)

Jennifer L. Bunting Education B.S., Brigham Young University

Matthew Burch Education B.A., Tufts University

Jaquari A. Burton\*\* Education B.A., Tufts University

Elena Carrion Guerrero Education B.A., Universidad de Granada, Spain M.A., Universidad de Granada, Spain

Haley A. Chapman Child Development B.A., University of Massachusetts Amherst

Erin S. Clark Education B.S., Suffolk University

Blythe P. Cowen\* Education B.A., Gettysburg College M.A., University of Glasgow, Scotland

**Brenna M. Crothers** Education B.A., Wheaton College (Illinois)

**Emma Dalton** Education B.S., Smith College M.Ed., Simon Fraser University, Canada

Shannon M. Davi\* Education B.A., Union College

Krystle P. DeSimone\* Education B.F.A., Art Institute of Boston

Candidates for Graduate Degrees

**Berenice Diaz** Education B.A., Tufts University

David DiPietro Education B.A., Roger Williams University M.A., University of Massachusetts Boston

**Kathleen Donahue** Education B.A., Hamilton College

Lesli A. DuBose\* Education B.A., Boston College

Ian Michael Dumais\* Education B.A., Tufts University

Emily N. Enos\* Education B.A., Middlebury College

Sarah Eustis Education B.A., Tufts University

Lauren Jane Fine\* Education B.A., Tufts University

Christopher P. Flaherty\* Education B.A., Tufts University

Erica D. Frisk Education B.F.A., Massachusetts College of Art

Heather Gates Education B.F.A., Principia College

**Kelly Gil Franco** Education B.A., Lesley College

Jonathan Gistis\* Education B.A., Trinity College

Valery Glod Education B.A., University of Massachusetts Amherst Christopher Gorham Education B.A., University of Michigan-Ann Arbor J.D., Syracuse University

Margaret E. Gormley\* Education B.A., Hartwick College

Laura Gould Education B.A., Northeastern University

Robert L. Greenfield\*\*\* Education B.A., University of Massachusetts Amherst

**Katherine Gruzynski** Education B.A., College of the Holy Cross

**Brendan J. Hahesy\*** Education B.A., Bates College

**Irene Haji-Georgi** Education B.A., Boston University

**Jennifer Hare** Education B.A., Haverford College

Helen Harlan Education B.S., Massachusetts Institute of Technology M.S., Massachusetts Institute of Technology

Micaela Harris Education B.A., Spelman College

**Paul A. Hartman\*** Education B.A., Bates College

Elizabeth Hawes Education B.A., Tufts University

**Rebecca Hayes** Education B.A., Tufts University

Candidates for Graduate Degrees

Elsa Brennan Head\* Education B.S., Tufts University M.S., Tufts University

Jamie L. Hodgkin\* Education B.A., Belmont University

Elizabeth A. Hoorneman Education B.A., Colby College M.A., Pennsylvania State University

Lena D. Isenberg\* Education B.A., Wheaton College (Massachusetts)

Irina Itriyeva\* Education B.A., Wesleyan University

Marni Jacobs Education B.A., Williams College

Noah Jefferson Education B.A., Tufts University

Kathleen Ploy Keener\* Education B.A., Oberlin College

Holly N. Kelfer Education B.A., Trinity College

Lauren R. Kent\* Education B.A., Brown University

Heather Lambert Education B.A., Dartmouth College M.S., University of Cincinnati

Annetta Landay Child Development B.A., Brandeis University

Maya Jaafar Lena Education B.A., Bowdoin College

Aaron J. Lowenkron\* Education B.A., Cornell University Adam Machson-Carter Education B.A., University of Rochester

Alexandra J. Maiorino\* Education B.A., Emerson College

Nima Majzoubi\*\*\* Education B.A., University of Massachusetts Boston

Michael G. Manning\* Education B.A., Saint Michael's College

Laura A. Marotta\* Education B.F.A., Boston University

Tameka D. Martin\* Education B.A., Hampton University

Marie S. Maseng Education B.S., Wentworth Institute of Technology

Arielle McCoy Education B.S., New Mexico State University

Andrew McLean Education B.A., Haverford College Ph.D., University of California at Los Angeles

**Jaclyn E. Meyer** Education B.F.A., Massachusetts College of Art

**Robert Moore** Education B.A., University of Miami

Abigail Catharine Browne Morgan\* Education B.A., Wheaton College (Massachusetts)

Elena Rose Murray\* Education B.A., Tufts University

Laura Nixon Education B.S.M.E., Tufts University

**Timothy P. Norton\*** Education B.S., Richard Stockton College of New Jersey

Candidates for Graduate Degrees

Ariane Q. O'Connor Education B.A., Emmanuel College

Logan Leigh O'Rourke\* Education B.F.A., Tufts University

Meghan A. Patrolia\* Education B.A., Brown University

**Nora B. Paul-Schultz\*** Education B.S., Smith College

Nathan Phipps\* Education B.A., Framingham State College

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#### Master of Fine Arts

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**Robert L. Chamberlin** Studio Art B.F.A., Georgia State University

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Ryan Patrick Zoltan Kish Studio Art B.A., Marlboro College

Chrissy Coe Lapossy Studio Art B.F.A., Kent State University

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Chienning Liao Studio Art B.S., Tsinghua University, China

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Candidates for Graduate Degrees

**Courtney L. McClellan** Studio Art B.A., University of North Carolina at Chapel Hill

**Timothy M. McCool** Studio Art B.A., Boston College

**Cathy Renee McLaurin** Studio Art B.A., Meredith College

Karmimadeebora McMillan Studio Art B.A., Fayetteville State University

Timothy Mearini Studio Art B.A., Adelphi University

Vanessa Michalak Studio Art B.S., University of Maine

Katherine Louise Mitchell Studio Art B.A., Smith College

John Francis Neylan IV Studio Art B.A., George Washington University

Valerie Su Yin Ng Studio Art B.A., Beloit College

Jennifer Lucia Nichols\*\* Studio Art B.F.A., Cornell University

Joseph L. Orangias Studio Art B.F.A., Savannah College of Art and Design

Valerie Lynn Rafferty\* Studio Art B.F.A., Montserrat College of Art

Laura Beth Reese Studio Art B.A., Muhlenberg College

**David MH. Richmond** Studio Art B.A., State University of New York at Albany

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#### Master of Public Policy

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Candidates for Graduate Degrees

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Poppy J. Wise Public Policy B.A., University of Western Australia

#### Master of Science

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Tao Xu Chemistry B.S., University of Massachusetts Boston

Yang Yang\*\*\* Economics B.A., Renmin University, China

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## **School of Arts and Sciences**

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## **School of Arts and Sciences**

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Erik Alexander Moss\* Charlotte E. Mostertz Alexia Moustroufi Anna Mulholland\* Weilin Mun Isaac Alexander Munro John Patrick Murphy Kayla M. Murphy Kathryn Grace Myers Noa Natalie Naftali Sarah Moes Nasser Noemia Licia Nau Doreen N. Ndishabandi\* Alexanne E. Neff Brittany C. Neff Paul E. Nevin\* Samuel David Newland Michael T. Newman Namson Ngo-Le Thomas E. Nikiper Jaqueline L. Noack Andre S. Nolop Lev Novak Andrew J. Nunez-Bibby Salah Nur\* Samantha L. Nurick Ednah E. Nwafor Claire M. O'Brien Jordan O. Odiakosa Rachael Emily O'Donnelly Ryan K. O'Hara Nicole R. Oliveira Michele A. O'Loughlin Kathryn E. Olson Rena Miriam Oppenheimer Samuel R. O'Reilly Ariel D. Ortiz Andrew M. Padgett Tyler Henry Page **Emily Paine** Hana D. Paisner Jacob L. Pakula Alice E. Pang Lauren E. Paraison Matthew Jeffrey Pardo\* Soo Jin Park Evan M. Parker Matthew B. Parsons Ramon E. Pascual Jacob E. Passy Avani Patel Sonali Dakshesh Patel Caroline E. Patterson Naum Paykin Nicholas J. Pendry-Aber\* Madeline R. Pennebaker

Sandra O. Peprah Ethan A. Peritz Kelsey L. Perkins Robert A. Perkins-High Benjamin S. Perlstein David Ari Pernick Terhys J. Persad\*\*\* Alexa K. Petersen Douglas H. Petry Shauna J. Pierson Jennifer S. Pigott Aeden Mark Pillai Erin Marie Piñon Elizabeth M. Pinzino Rebecca G. Plante Samuel F. Plasmati Dylan T. Plimmer Brett McCartney Plugis Charmaine Poh Sofia Poma Emily Caroline Poole Sade S. Porter James E. Pouliot Aiesha Annette Maxine Powell\* Stephanie M. Powell Sundardas J. Powers-Adler Carolyn N. Pruitt Amanda N. Puerto Neethu S. Putta Jerry Ruyue Qiao Ya Qing Katherine A. Quackenbush Amelia D. Quinn Simone B. Rabinowitz Julia Gale Rackow Cailin Rae Bronwen Kate Raff Mark P. Rafferty Emma Raggio Joseph M. Rahamim Kelley J. Rahn Inbal Rait Aparna Ramanan Rachel Hannah Rampino Matthew C. Rand Namratha P. Rao Amelia Rose Rapisarda Kacey K. Rayder Blair M. Read Hannah W. Reckhow Isobel Rebecca Redelmeier Joshua C. Reed-Diawuoh Tobias A. Reeuwijk\*\*\* David S. Reiff Paul F. Reilly\* Andrew P. Reisman

Jenna E. Rennert Alissa A. Resnick Anisha S. Reza Javed Rezayee Aimee Patrice Ricciardone Lauren A. Rice Margaret G. Riddle Alyssa L. Ridley Shelby Lauren Riggle Melissa W. Roberts Jazmin Martinez Rodriguez William Randolph-DeVoe Rogers Iason E. Roos\*\*\* Gabriela M. Ros Albert Connor Austin Rose Daniel T. Rosebrock Alexa W. Rosenthall Benjamin G. Ross Samuel I. Ross Miriam E. Ross-Hirsch **Emily Ford Roston** Ethan G. Rothstein Angelina Genrikhovna Rotman Chloe S. Rotman Anna M. Rotrosen Jacob M. Rubin Rachel O. Rubin Sydney L. Rubin Jessica L. Rubine Brian L. Ruggiero Adelle M. Ruiz Lia B. Sagerman Giancarlo D. Saldana Marco C. Sammon Jennifer-Marie W. Samp\*\*\* Alden Keefe Sampson Alyssa P. San Pedro Matthew D. Sanda Jennifer L. Sanduski Eddy Santana Jr. Rebecca K. Santiago Maria Elena Santos Benjamin Saperstein Artemis Sapountzi\* Stratos George Saropoulos\*\*\* Alexa F. Sasanow Erica L. Satin-Hernandez Adam Marcus Sax Samuel D. Sazer\* Sarah K. Schiferl Derek Alexi Schlom Patrick C. Schmidt Rachel E. Schoenbrun Sarah Danielle Schuback Matthew J. Schuman

Candidates for Bachelor's Degrees

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Jeffrey M. Solomon Daniel P. Solow Clarissa S. Sosin John B. Sparkman Hunter L. Spiegel Rebecca L. Spiewak Andrew T. Sprague Taarika Chaitra Sridhar Monica J. Stadecker Isabelle G. Star Laurel A. Starr Rachel Stern Alexa Brito Stevens Victoria M. Stevenson Joseph S. Stile Ir. Matthew Isaac Stofsky William A. Stonefield Amy J. Straus Scott K. Sugarman Kathryn Louise Sullivan Angela Sun Chelang'at Surum Jordan E. Surzyn Maya Dallin Sussman Erik M. Swanson Maxwell I. Tabb Hannah H. Tadley Claudia M. Tajima Ruth Ellen Tam Kevin Tang Jasmine M. Tatum Jillian Katherine Tayeh Devyn H. Taylor Seth B. Teleky William R. Teresa Danielle Christine Teutonico Phillip M. Teves Gabrielle M. Thomas Angel Joy Thompson Samantha L. Thompson Aubrey Martin Thrane Axel Tonconogy\* Katja Anneliese Torres Ortiz Ryan Scott Tran Stephanie Yoko Tsuji\*\* Jonathan Wing Hong Tsun Tiffany O. Tu Alanna D. Tuller Natasha Anand Tyagi Elan J. Tye Samantha L. Tye Joshua L. Uchitelle-Pierce\* Ann Kennon Ulicnv Piril Us Natalia Valbuena Cody A. Valdes

Jake Lennon Valentine Benjamin T. Van Meter Hanorah S. Vanni Josiah D. Vanvliet William R. Varteresian Natalia Kealohilani Vasquez Nithyaa Kalyani Venkataramani Phillip Ventura Robert A. Ventura Jr. Gustav Magnus Nicholas Vik Jacob C. Vlahakis Ira P. Vogel Paige Elizabeth von Mehren Michael A. Walker Molly A. Wallace Heather Kapri Walling Yue Wang Megan M. Wasson Brooke Eva Weber Hannah Lynn Weber Diane Lauren Wegge Eric G. Weikert Gabrielle Ilana Weiler Jesse R. Weinberg Arlen R. Weiner Emily J. Weinrebe Daniel S. Weinstein Madeline Weisburg Emily Jean Weiss Caitlin Carini Weissman Charlotte L. Welbourn David M. Welch Kyle F. Weller Amelia Charlotte Wellers Alice Wertheimer Liza J. Wetzel John I. Whelan Jennifer M. White Erik T. Wiedenmann Kristine I. Wiitala Markus Stefan Willhite Alicia M. Williams Anna Larson Williams\*\*\* Marva V. Williams Ryan G. Willison Audrev M. Wilson Devante Jerome Wilson Jason P. Wilson Tabias O. Wilson Evan Lewis Goldberg Winter Amy Neuman Wipfler Michelle J. Witrock Alyssa M. Wohl Alyssa K. Wohlfahrt Brian R. Wolf

Stephen B. Wolf Anne T. Wolfe Jessica S. Wolff Alexandra J. Wollum Andv K. Wong Chloe A. Wong Cameron L. Wright Lindsey A. Wright Sophia R. Wright Spenser M. Wright Adam Gregory Wueger\*\* Douglas Stockton Wulsin Emily R. Wyner Angela Xu Noam H. Yaffe Kristiina Ou Yang Brent E. Yarnell Noore Salim Yazigi Alexander Kua An Yee Amanda Marie Young Garrett P. Young\*\*\* Marian A. Younge Steven G. Yu Michael Zabar Gabrielle Parissa Zandi Jeremy A. Zelinger Michael B. Zhang Xihan Zhang Angelina Y. Zhou Eliza Ziegler Emily A. Ziffer Cole S. Zuber\*\*\* Stefanie Glenn Zumas **BACHELOR OF SCIENCE** Brent S. Abel

Wilson Andres Acuña Ankita Agarwal Nathaniel A. Aiken Marcus Steven Alpert Arthur Arakelov Ghali A. Armira Rachel E. Aronchick Laura Janice Barnes JonFranco Barretto Nicole Brasil Becker Micaela I. Bellés Bradley D. Benjamin Faith E. Blake Henry L. Blanchette Mishan E. Blecher Brynna S. Bolger Michael J. Borys George A. Bourgeois\* Kristin Marie Bradley Natalie M. Bruck

## **School of Arts and Sciences**

Candidates for Bachelor's Degrees

Terrell M. Bulger Nicole Kristine Byer **Tansinee** Caprez William W. Carroll Jaranne Margaret Celestine Robert A. Cerulli Kathleen Chace Katherine Sterling Champion\* Yang Chen Panharith Chhum Michael C. Chu Michael C. Coonev Laura Elizabeth Corlin Rachel L. Cox Toby A. Crispin David A. Cronkite Jacqueline A. Cygelman Sanaya T. Daruvala Erik Joseph DeAngelis Maria J. De Leon-Cuevas Brendan R. Dillon Alexis B. Donnaruma James P. Dossett Adrienne Nicola Dreyfus Breanne C. Dufault Anna Dukhovich Derek R. DuPont Ethan D. Eberle Vincent Aigbe Ebhojiave Jr.\* Nicholas G. Economos Yohannes B. Endalew\* Elise M. Ewing Farwa M. Faisal\* Wesley Morgan Field Natalie Victoria Flake Ryan Francis Flanagan Jack K. Fleming Daniel F. Fortunato Abha Gallewale\*\*\* Alexandra Maria-Pilar Geada Benjamin R. Gertner David J. Gertner Petro Gjini Keerthana Gnanapradeepan Julianne Marie Golinski Nicolas B. Gomez James Clay Grable Ian R. Grant Eric J. Granucci Natasha Guha\*\*\* Avani Gupta Jessica A. Haggett Sarah M. Halloran Kirsten E. Hameister Andrew W. Haskell John Larkin Hatchett

Amanda Katherine Hay John R. Heard Lianne Taira Ho James Holt Sharonne G. Holtzman Rakin S. Huq Shreya Ishita Darius Izadpanah Hillevi Jaegerman\* Scott H. Judson Peter James Kalanzis Joo Yong Kang Melissa A. Karp Matthew A. Kennedy Sarah M. Kern Victoria A. Koehler Rebecca L. Kogan Ryan Alexander Kollar Maria S. Kryatova Daniel I. Kulla Rakhee Lalla Melissa R. Langer Justin D. LaTorraca Kai Ying Lau Shaheen Lavie-Rouse\* Rachel D. Le Mavan Lendner Taliesin N. Lenhart John Budner Lewis Kevin C. Li Ricky L. Li Xinnan Li Benjamin R. Limoges\*\*\* Sarah J. Lindsay Pamela Allen Linke I. Becket Linn Annalise Rachel Littman Christina Liu\*\*\* Theodore R. Lui Drew E. Madore Katelin Marie Maguire Tomas S. Manghi Jonathan M. Mazique\*\*\* Elizabeth S. McGarry Kerry E. McGinn Andrew F. McHugh Kelly Meghan McNally Bianka Paulette Meiia Beatrice K. Mendez\*\*\* Emmett C. Mercer Laurie A. Merker Devin Paul Merullo Bryce William Meyer Monica A. Mowery Evan F. Murray\* Will S. Myers

Anjali U. Narang Chinonso A. Nduaguba Wyatt B. Newport Lisa Ngu Gabriel M. Nicholas Makala Noble\*\*\* Jeremy A. Nowak Ujunwa V. Nsonwu\* Emily K. O'Carroll Dylan P. O'Connell\*\*\* Conor D. Ofsthun Chukwuemeka C. Okeke Griselle Astrid Macaraeg Ong Evelyn H. Orlando Pat Oungpasuk Noa Palmon Maria Parinova Charles J. Parsow Hemali A. Patel Jessie K. Pearl Joshua S. Pearl Stephanie Rose Perez Christine L. Perriello Marie Alexandra Perrot Caitlin M. Peterman Aaron R. Pilnick Jonathan Arthur Poli Dylan J. Portelance Samujjal Purkayastha Lauren Grace Quan Laurie R. Rabin Christian Anthony Ray\*\*\* Gabrielle E. Raymond Andrew James Rayner Derek M. Reedy\* Joseph C. Rego Ai Ren\*\*\* Ariana D. Riccio Catherine Nathalie Richard\* Michael Marr Richard Veronica Richter Michael Aryeh Rogove Lauren A. Rose Evan Harrison Rothstein Spencer Michael Rubin Marlies C. Ruck Allison R. Rugg Matthew J. Russell Alexander Paul Sakers Elizabeth Picchietti Salowitz Emma M. Sass Virginia E. Saurman Alexandra Schmider Ethan R. Schneider Dhiren V. Shah Sneha M. Shah

Shawyoun Shaidani Elizabeth S. Shrobe Scott Ross Shuldiner Eriene-Heidi I. Sidhom Christina L. Simonetti\* Arushi Singh Jordan A. Sisel Lucia A. Smith David Michael Smythe II Kevin T. So Álvaro I. Soltero Daniel Benjamin Spira Eugene Steinberg Samantha R. Stone Samuel M. Stone Ethan J. Sturm Caivan Su Jiajie Su Brian D. Sumner Jr. Jasmine Taneisha Swope Mary C. Sypek Chad Naoki Taniguchi\* Jeffrey Wolk Taylor Frederick G. Teumer Kanupriya Tewari Christopher D. Toole Emily Jean Uland\*\*\* Alyssa C. von Puttkammer Meghan Xuan-Chi Vu Kaiden L. Waldron-Francis\*\* Bryan L. Walker Raph I. Wallheimer Victor C. Wang Aaron J. Wassall Joseph Hnatusko Wat Christopher J. Watson Arthur Wei Iie Yi Wei\* Mark Granville Westerfield Nicholas Robert Whiteman\*\* Edward Laurence Wing\* Rebecca J. Wood-Spagnoli Pianpian Wu Wenyu Xiong Curtis Antonious Yancy III William W. Ye Sandra Yee John Yu Khanin Zing Yu\*\*\* Si Min Yun Derek E. Zahka Suyu Zhang Yuxiao Zhang Paulina C. Zheng Min Zhong

Candidates for Graduate Degrees

#### Doctor of Philosophy

#### Ali Boroumand

Civil and Environmental Engineering B.S., Isfahan University of Technology, Iran M.S., Iran University of Science & Technology Dissertation: An Assessment of the Kinetic Component Partitioning in DNAPL Source-Zones; Modeling Techniques and Applications Advisor: Dr. Linda Abriola

#### Matthew B. Boucher

Chemical Engineering B.S., University of Connecticut M.E., University of Connecticut Dissertation: Bridging the Gap: From Model Surfaces to Nanoparticle Analogs for the Selective Oxidation and Steam Reforming of Methanol and for Selective Hydrogenation Catalysis Advisor: Dr. Maria Flytzani-Stephanopoulos

#### Jeffrey P. Brown

Biomedical Engineering B.S., United States Merchant Marine Academy M.S., Arizona State University Dissertation: Investigating Tendon and Ligament Development in Order to Inform a Tissue Engineering Strategy Advisor: Dr. Catherine Kuo

#### Noah Manus Daniels

Computer Science B.S., Tufts University M.S., Tufts University Dissertation: Remote Homology Detection in Proteins Using Graphical Models Advisor: Dr. Lenore Cowen

#### Almir D. Davis\*\*\*

Electrical Engineering B.S., Northeastern University M.S., Northeastern University Dissertation: PEWSN: Power Equilibrium Wireless Sensor Network Advisor: Dr. Hwa Chang

#### Yongxuan Gao\*

Civil and Environmental Engineering B.S., Tufts University M.E., Massachusetts Institute of Technology Dissertation: Hydrolic, Ecologic, and Livelihood Impact Assessment of a Systems of Small Reservoirs in Ghana Advisor: Dr. Richard Vogel

#### Nicholas A. Guziewicz\*\*

Biomedical Engineering B.A., College of the Holy Cross Dissertation: Silk Lyogels for Sustained Local Delivery of Therapeutic Antibodies Advisor: Dr. David Kaplan

#### Bertan Hallacoglu

Biomedical Engineering B.S., Wentworth Institute of Technology M.S., Tufts University Dissertation: Noninvasive Absolute Cerebral Oximetry with Frequency-Domain Near-Infrared Spectroscopy Advisor: Dr. Sergio Fantini

#### Byeongju Jung

Civil and Environmental Engineering B.S., Seoul National University, Republic of Korea M.S., Seoul National University, Republic of Korea M.A., Johns Hopkins University Dissertation: The Geohydrology of Multiphase Flow and Petroleum Migration in Faulted Sedimentary Basins Advisor: Dr. Grant Garven

#### James Kaklamanos\*\*

Civil and Environmental Engineering B.S., Tufts University M.S., Tufts University Dissertation: Quantifying Uncertainty in Earthquake Site Response Models Using the KiK-net Database Advisor: Dr. Laurie Baise

#### Fridrik Larusson\*\*\*

Electrical Engineering B.S., University of Iceland M.S., Tufts University Dissertation: Shape-based Image Reconstruction Methods for Hyperspectral Diffuse Optical Tomography Advisor: Dr. Eric Miller

#### Reynald M. Lescarbeau

Biomedical Engineering B.S., Rensselaer Polytechnic Institute Dissertation: *In Vitro* and Quantitative Phosphoproteomic Modeling of Castration Resistant Prostate Cancer Advisor: Dr. David Kaplan

#### Joseph Edward Marturano\*\*\*

Biomedical Engineering B.S., Worcester Polytechnic Institute Dissertation: Characterization of Embryonic Tendon Mechanical and Biochemical Properties to Inform Tendon Differentiation, Development, and Scaffold Design Advisor: Dr. Catherine Kuo

#### Francesco Q. Pancheri

Mechanical Engineering B.S., Worcester Polytechnic Institute M.S., Worcester Polytechnic Institute Dissertation: Experimental and Analytical Aspects of Biological and Engineered Materials Subjected to Planar Biaxial Loading Advisor: Dr. Luis Dorfmann

# **School of Engineering**

Candidates for Graduate Degrees

#### Frank J. Saunders\*\*\*

Mechanical Engineering B.S., University of Massachusetts Amherst M.S., Tufts University Dissertation: Embedding Desired Dynamics into Physical and Control Parameters of a Mechanical System Advisor: Dr. Jason Rife

#### **George Saveriades**

Electrical Engineering B.S.E.E., Tufts University B.S., Tufts University M.S., Tufts University Dissertation: The Effects of Magnetic Exposure on the Nervous System: A Study on the Effects of Low-Strength Low-Frequency Magnetic Fields on Neurotransmitter Exocytosis and Cell Viability Through Ionic Cyclotron Resonance Frequency Advisor: Dr. Joseph Noonan

#### Oguz Semerci\*\*\*

Electrical Engineering B.S., Istanbul Technical University, Turkey M.S., Istanbul Technical University, Turkey Dissertation: Image Formation Methods for Dual Energy and Multi-Energy Computed Tomography Advisor: Dr. Eric Miller

#### Corey M. Shemelya

Electrical Engineering B.S., Allegheny College M.S., Tufts University Dissertation: Photonics: Photodiodes and Metamaterials for Thermophotovoltaics and Photodetection Applications Advisor: Dr. Thomas Vandervelde

#### Minchul Shin\*

Mechanical Engineering B.E., Kyungpook National University, Republic of Korea M.E., University of Alabama at Birmingham Dissertation: MEMS Based Doppler Velocity Measurement System Advisor: Dr. Robert White

#### Jesse D. Sipple

Civil and Environmental Engineering B.S., University of New Hampshire M.S., University of New Hampshire Dissertation: Frequency Response Function Based Finite Element Model Updating Advisor: Dr. Masoud Sanayei

#### Joel A. Spencer\*

Biomedical Engineering B.S., University of California at Irvine Dissertation: Characterization of Bone Marrow pO2 by Two-Photon Phosphorescence Quenching Method Advisor: Dr. Mark Cronin-Golomb

#### Gautham V. Sridharan

Chemical Engineering B.S., Cornell University Dissertation: Modularity Analysis of Metabolic Networks Based on Shortest Retroactive Distances (ShReD) Advisor: Dr. Kyongbum Lee

#### Amir Taghavy

Civil and Environmental Engineering B.S., Amirkabir University of Technology, Iran M.S., Sharif University of Technology, Iran Dissertation: Fate and Transport of Nanoparticles in Porous Media: A Numerical Study Advisor: Dr. Linda Abriola

#### Brian F. Thomas\*

Civil and Environmental Engineering B.S., University of North Dakota M.S., University of New Hampshire Dissertation: Multivariate Analysis to Assess Hydromorphic Response of Groundwater and Surface Water Systems Advisor: Dr. Richard Vogel

#### Amelio Vazquez-Reina\*

Computer Science B.S., Universidad de Alcalá, Spain M.S., Universidad de Alcalá, Spain Dissertation: Segmentation Strategies for Connectomics Advisor: Dr. Eric Miller

#### Byron C. Wallace\*

Computer Science B.S., University of Massachusetts Amherst M.S., Tufts University Dissertation: Machine Learning in Health Informatics: Making Better Use of Domain Experts Advisor: Dr. Carla Brodley

#### Yue Wu\*

Electrical Engineering B.E., Huazhong University of Science & Technology, China M.S., University of Toledo Dissertation: The Sudoku Array and Its Applications in Information Security Advisor: Dr. Joseph Noonan

# Wangren Xu

Electrical Engineering B.E., Dong Hua University, China M.S., Royal Institute of Technology, Sweden Dissertation: Metamaterials with Active Circuits Advisor: Dr. Sameer Sonkusale Candidates for Graduate Degrees

Joanna F. Xylas Biomedical Engineering B.A., Tufts University Dissertation: Shedding Light on Cancer: The Utility of Nonlinear Microscopy for Assessing and Detecting Events Associated with Cancer Initiation Advisor: Dr. Irene Georgakoudi

Cuixian Yang\*\*\* Chemical Engineering B.E., Xiamen University, China M.E., Xiamen University, China Dissertation: Viral-Templated Palladium Nanocatalysts Advisor: Dr. Hyunmin Yi

#### Master of Engineering

**David Agnello** Civil and Environmental Engineering B.S., Wentworth Institute of Technology

**Faisal Al-sharif** Mechanical Engineering B.S.M.E., Tufts University

Isaac Anderson\*\*\* Biomedical Engineering B.S., University of Connecticut B.A., University of Connecticut

Michael S. Andryuk\*\*\* Civil and Environmental Engineering B.S., Northeastern University

Tara Lynn Barreira\*\*\* Chemical Engineering B.S., Tufts University

Melanie Sullivan Blake Chemical Engineering B.S.CH.E., Tufts University

Matthew J. Carlino Civil and Environmental Engineering B.S., Merrimack College

Lonnie Lee Chang\*\*\* Civil and Environmental Engineering B.S., University of California at San Diego

Susan R. Colt Chemical Engineering

**Pradeep Fernando** Chemical Engineering B.S., University of Massachusetts Lowell

Joseph K. Gredder Bioengineering B.S., State University of New York College of Environmental Science and Forestry **Ryan A. Jackobek** Bioengineering B.S., University of New Hampshire

Kelly A. LaCarubba\* Biotechnology Engineering B.S., Northeastern University

James W. Leverone\* Bioengineering B.S., Villanova University

Yuan Li\*\*\* Bioengineering B.S., Tongji University, China

Brian J. Minie\*\*\* Biomedical Engineering B.S., Framingham State College

Christopher E. Mooney Chemical Engineering B.S., Northeastern University

Stephanie Ann Morris\*\*\* Civil and Environmental Engineering B.S., Providence College

Jason D. Murray\* Biomedical Engineering B.S., University of New Hampshire

**Cori Pierce**\*\* Bioengineering B.S., Boston University

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Hannah Joan Robinson\* Civil and Environmental Engineering B.S.C.E., Tufts University

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**Tony Hui Shen** Mechanical Engineering

Sagar D. Shetty\*\*\* Civil and Environmental Engineering B.E., University of Mumbai, India

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Alfred A. Waich\*\*\* Civil and Environmental Engineering Diploma, Universidad Metropolitana, Venezuela

Luchen Wang Civil and Environmental Engineering B.E., Beijing University of Civil Engineering and Architecture, China

Michael A. Weiand\*\*\* Biomedical Engineering B.S., Stonehill College

Miaomiao Yang\*\*\* Biomedical Engineering B.E., Guizhou University, China M.E., Chinese Academy of Science, China

Yajing Zhu Biomedical Engineering B.E., Shanxi University, China

#### Master of Science

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Nathaniel C. Allen Mechanical Engineering B.S., University of New Hampshire

Negin Ashoori\* Civil and Environmental Engineering B.S., University of California at Santa Barbara B.A., University of California at Santa Barbara

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**Frances E. Bell** Electrical Engineering B.S., Smith College

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John R. Burns\* Mechanical Engineering B.S., University of Virginia

**Cody C. Canning** Computer Science B.A., Vassar College

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Meenal Datta Chemical Engineering B.S., University of Massachusetts Amherst

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Haaris B. Ghafoor Electrical Engineering B.E., National University of Sciences and Technology, Pakistan

Benjamin Goodrich\* Computer Science B.S., Carnegie Mellon University

Christine Gorwood Civil and Environmental Engineering B.S., Suffolk University

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Gabriel Stephen Price Perrone Biomedical Engineering

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Christopher James Severino\* Mechanical Engineering B.S.M.E., Tufts University Michael D. Shah Computer Science B.S., Ohio State University

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**Gabrielle Michelle String** Mechanical Engineering B.S., Clarkson University

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**Peter H. Taylor-Brown** Human Factors B.S.M.E., Tufts University

Wes Uy Electrical Engineering B.S., Boston University

Thomas McShea Valentin Biomedical Engineering B.S.M.E., Tufts University

Peter Lee Lafleur Walls Mechanical Engineering B.S., University of Minnesota, Duluth B.S., University of Minnesota, Duluth

Xinyu Wang\*\*\* Civil and Environmental Engineering B.E., Shanghai University, China

Yuan Wang\* Chemical Engineering B.S., Nankai University, China B.E., Tianjin University, China

Geethika E. Weliwitigoda\* Bioengineering B.S., Syracuse University **Thomas E. Williams** Computer Science B.A., Hamilton College

**Carol Wong**\*\* Human Factors B.A., Kalamazoo College

Enming Wu\*\*\* Computer Science B.S., University of Massachusetts Amherst

Chenguang Xi\*\*\* Electrical Engineering B.E., Shanghai Jiao Tong University, China

Xiao Xiao Mechanical Engineering B.S., Sun Yat-Sen University, China M.S., Chinese Academy of Science, China

Rafi Yagudin Computer Science B.A., University of Massachusetts Amherst

Clifford C. Youn Electrical Engineering B.S., Yonsei University, Republic of Korea

**Jieqiong Zhao** Computer Science B.E., Zhejiang University of Technology, China

Nan Zhao Biomedical Engineering B.S., Nanjing Agricultural University, China M.S., Polytechnic Institute of New York University

Chensheng Willa Zhou Biomedical Engineering B.S., Shanghai Jiao Tong University, China

#### Master of Science in Engineering Management

Suresh A. Ashara\* Engineering Management B.E., University of Bombay, India

Folarin Ayo Engineering Management B.E., King's College London, United Kingdom M.S., King's College London, United Kingdom

Sunyoung Bang Engineering Management B.S., University of Massachusetts Amherst

Laura A. Bear Engineering Management B.S., Clarkson University

Ashenafi Befekadu\*\* Engineering Management B.S., Massachusetts Institute of Technology Michelle Blankenship Engineering Management B.A., Connecticut College

Sarah H. Buck Engineering Management B.A., University of New Hampshire

Michael R. Call Engineering Management B.S., Rochester Institute of Technology

Alexander D. Carr Engineering Management B.S., Northeastern University

Jonathan Robert Carr\* Engineering Management B.S.M.E., Tufts University

Michael R. Cody Engineering Management B.S., Cornell University

Matthew B. Cook Engineering Management B.S., United States Air Force Academy

Kevin M. Corley\* Engineering Management B.A., Saint Anselm College

Derek Cutler Engineering Management B.S., Wentworth Institute of Technology

Ami Diner\* Engineering Management B.S., Tel Aviv University, Israel

**Timothy M. Dwyer** Engineering Management B.S., University of Massachusetts Amherst

Bryson Rashad Early\*\* Engineering Management B.S., Eastern Michigan University

Michael J. Egan Engineering Management B.S., Monash University, Australia

John Patrick Ellersick Engineering Management B.E., Northeastern University

Marc Richard Emerick\*\*\* Engineering Management B.S., University of Massachusetts Lowell

**T. James S. Faustino** Engineering Management B.A., Brigham Young University

## School of Engineering

Candidates for Graduate Degrees

Todd G. Ferrell Engineering Management B.S., University of New Hampshire

Michael A. Finizio\*\*\* Engineering Management B.S., Syracuse University

Jonathan C. Frederick Engineering Management B.S., Pennsylvania State University M.S., Boston University

**Robert Todd Frohman\*** Engineering Management B.S., University of New Hampshire

Emily Lucille Fullerton\* Engineering Management B.S., Northeastern University M.E., Tufts University

Ronit R. Furman\* Engineering Management B.S., University of Pennsylvania

Elliott J. Gould\* Engineering Management B.S., University of Maryland

Ryan D. Guerrero\*\*\* Engineering Management B.S., University of New Hampshire

**Peter W. Gugel\*** Engineering Management B.S., University of Maine

Lauren G. Hardy Engineering Management B.A., University of Arkansas

Theron Christopher Harpole Engineering Management B.S., Northeastern University

Justin W. Hatch\*\* Engineering Management B.S., Wentworth Institute of Technology

Stephen Brian James\*\* Engineering Management B.S., Georgia Institute of Technology

Jason M. Jammallo\* Engineering Management B.S., Rensselaer Polytechnic Institute

Marc David Jimenez\*\* Engineering Management B.A., Harvard University Jeremy Edward Jo Engineering Management B.S.M.E., Tufts University

Noelle Jobson Engineering Management B.S., University of Arizona

Jaeyoo Jung Engineering Management B.S., University of Massachusetts Amherst

Joshua Kawka Engineering Management B.S., Northern Illinois University

Daniel J. Keating Engineering Management B.S., Massachusetts Institute of Technology M.S., Massachusetts Institute of Technology

**Noel Jared Keegan\*\*\*** Engineering Management B.S., Boston University

Jonathan Keng Engineering Management B.S., Rochester Institute of Technology M.S., Northeastern University

Hammad Khalid Engineering Management B.E., National University of Sciences and Technology, Pakistan

Vicken A. Khatchadourian Engineering Management B.S., Boston University

**Thomas T. Klejna** Engineering Management B.S., Bentley College

Kimberly Rocio Lajoie Engineering Management B.A., Dartmouth College B.E., Dartmouth College

Joshua D. Landry Engineering Management B.S., Fitchburg State College

Geoffrey B. Lansberry\* Engineering Management B.S., Lehigh University M.S., Johns Hopkins University

Stephen M. LeBlanc Engineering Management B.S., University of Massachusetts Amherst Scott Evan Lennox\* Engineering Management B.S., Virginia Polytechnical Institute and State University M.S., Virginia Polytechnical Institute and State University

Yusheng Liu\*\*\* Engineering Management B.S., Shanghai Jiao Tong University, China M.S., Shandong University, China

Adam M. Mahoney\* Engineering Management B.S., University of Vermont

Millali A. Marcano Castillo Engineering Management B.E., Universidad Simon Bolivar, Venezuela

Joseph Anthony Marcella\* Engineering Management B.S., Northeastern University

Jared Becker Marshall\* Engineering Management B.S., Rensselaer Polytechnic Institute

Kyle S. McElearney Engineering Management B.A., Worcester Polytechnic Institute B.S., Worcester Polytechnic Institute M.S., Tufts University

John R. McLaughlin Engineering Management B.S.C.S., Tufts University

Jason Medeiros Engineering Management B.S.ES., University of Massachusetts Dartmouth

**Bradley Alan Mikesell** Engineering Management B.S., University of California at San Diego

Sapan M. Modi Engineering Management B.S., Rutgers University

**Gregory R. Mongeau\*\*** Engineering Management B.S., University of Massachusetts Amherst M.S., Villanova University

Michael Alan Mongeon\* Engineering Management B.S., University of Massachusetts Boston Barbara A. Moreau\* Engineering Management B.S., Southern Illinois University

Scott Russell Munroe\*\* Engineering Management B.S.M.E., Tufts University

Randy Scott Naylor\* Engineering Management B.S., University of New Hampshire

Rina Nazarov\* Engineering Management B.S., University of Connecticut M.S., Tufts University

Travis Alexander Nevers\* Engineering Management B.S.M.E., Tufts University

Jeffrey Allan Nordrum\*\*\* Engineering Management B.A., St. Cloud State University M.Ed., Harvard University

Maria Gabriela Noriega Sanchez\*\* Engineering Management B.S., Rochester Institute of Technology

Andrew Oliveira Engineering Management B.S., University of Massachusetts Lowell M.S., University of Massachusetts Lowell

Oscar Martin Ornelas Sanchez Engineering Management B.S., California State University Los Angeles

Krystal Parker Engineering Management B.S., Worcester Polytechnic Institute M.S., Northeastern University

Michelle Campbell Pelersi\* Engineering Management B.S., Rensselaer Polytechnic Institute

Tiffany W. Poon\* Engineering Management B.S., Cornell University

Rachel L. Pratt Engineering Management B.S., Rensselaer Polytechnic Institute

Mercyanne Andes Publico Engineering Management B.S., Rutgers University

# School of Engineering

Candidates for Graduate Degrees

Richard Ramos Engineering Management B.S., University of New Hampshire

Daniel J. Raymond Engineering Management B.S., University of Massachusetts Lowell

Rene R. Robert Engineering Management B.S., University of Massachusetts Amherst

Joseph B. Schweon\* Engineering Management B.S., Lehigh University

Jay R. Segal\*\*\* Engineering Management B.S., Northeastern University

**Emily Shay** Engineering Management B.S., Northeastern University

**David P. Sieling** Engineering Management B.S., Messiah College

**Dino Sijamic** Engineering Management B.S.CP.E., Tufts University

William X. Siopes\*\* Engineering Management B.S., University of Massachusetts Lowell

Julie Sousa\*\*\* Engineering Management B.S., Boston University B.A., Boston University M.E., Tufts University

Morgan Marie Steacy Engineering Management B.S., Worcester Polytechnic Institute

Jonathan T. Sugerman\* Engineering Management B.S., University of Rhode Island

Andrew Gardiner Sutherland Engineering Management B.M., University of Massachusetts Lowell

Matthew Richard Taylor\* Engineering Management B.S., University of Illinois at Urbana-Champaign

David Tse Engineering Management B.S., Cornell University Anthony Joseph Wieczorek Engineering Management B.S., Worcester Polytechnic Institute

Michael Richard Williams\* Engineering Management B.S., University of Massachusetts Amherst

Adam Colby Wilson\* Engineering Management B.S.E.E., Tufts University M.S., Tufts University

**Barbara Mary Winkler\*** Engineering Management B.A., Providence College

**Barry P. Wood\*** Engineering Management B.A., Villanova University Candidates for Bachelor's Degrees

The Latin honors, recognizing academic achievement, (summa cum laude, magna cum laude, and cum laude), are printed on diplomas and announced at school and department ceremonies.

#### **Bachelor of Science**

Daniel Scott Blanchard John P. Evans Theodore Michael Finn Kristen Ford

# Bachelor of Science in

Biomedical Engineering Nicholas L. Bayhi Alan C. Chu Nathaniel Benjamin Eckman\*\*\* Thomas Vito Galassi Bentley Monique Hunt Jason Joseph Lau Jesse Alexander Mark Derek Lite Moody Misaki Nozawa Adam Michael Pardes Elizabeth Dyer Rosenberg Raymond Wang Lawrence Xia Lijian Zhou

#### Bachelor of Science in Chemical Engineering

John H. Abel Jared Wayne Barker Christopher Donald Beltis Alfonso David Berrios Adam Michael Brosh Anthony Frank Burzesi Benjamin Lawrence Chamberlain Young Jun Choi Susan R. Colt Brian P. Fink Kyle Richard Flood Sean Patrick Gilmore Mary Kate Agnes Gorman Daniel Joseph Graziano Dylan Simmons Haas Benjamin Douglas Holcombe Jacqueline Elizabeth Judith James Drayton Kammert Derrick Michael Kane Randall Shaw Kilty Jun Ki Kim Michael Paul Lambert Matthew Simon Lanchantin Porakrit Leophairatana

Christopher Patrick Lowe Ngonidzashe Benson

Madungwe Erica Kimball Mason Daniel Patrick McNeelv Desen Ozkan Meredith Erin Packer Long Bin Pan Ryan Pandya Brian Andrew Rohr James Paul Bellavance Rvan Earl Joseph St Sauver Kimberly Lauren Stachenfeld Jay Alexander Stotsky Anh Phong Tran Conor Thomas Wilson Ioshua David Zannoni William Charles Zile

# Bachelor of Science in

**Civil Engineering** Patrick William Bauer Emil Cliggott-Perlt William FitzGerald Collins Edward Neely Coltman Bradley John DeBattista Joshua Elliot Dennison Karl Omer Gaebler Ilexa Dvora Gales Michael Robert Geerdes John Hayes Gill Alex Russell Robert Grant Ariel T.L. Hamlin Amy Dillon Harrington Benjamin Matthew Harwood Trevor Robert John Alyssa Ann Kody Shubham Kumar Janice Yuk Hom Lam Darcy Holden Mann Ashley Louise Martin Michael Joseph McCarthy Jasmin Sadegh Andrew J. Salber Andrew Paul Summerfield Alexandra Corinne Testa Michael S. Van Saun Brittney Morgan Veeck Cameron C. Yu

#### Bachelor of Science in Computer Engineering

Ross Beighley Tyler Heck Daniel Unyante Kotin Mical Judith Nobel Michael Joseph Vastola\*

#### Bachelor of Science in

**Computer Science** Bugra Baturay Akaslan Max Bulian David Eder Louis Ellis Jordan H. Glazier Samuel M. Haney James Lockwood Andrew McGlathery Juan Carlos Montemayor Elosua Marshall Luke Moutenot Hashem Nasarat Albert Corbin Nichols Daneel Reif Frederick Schott Russell Taylor Stern Jian Jeng Tan Vincenzo D. Vitiello Benjamin Weitzman

#### **Bachelor of Science in Engineering** Louie Zong

#### Bachelor of Science in Electrical Engineering

Edwin V. Babbitt IV Meth A. Bandara Thomas W. Cahill Brennon Alexander Costello Joshua James Elliott Nicholas Ferrentino Ronald James Hong Haris Iqbal Oliver Ambe Kia\*\*\* Denise Nguyen Hassan Oukacha Ramanjit Singh Scott James Staniewicz Michael Douglas Tran

#### **Bachelor of Science in Engineering Physics** Christopher E. Kehayias

Bachelor of Science in Engineering Science Samir Chowdhury Beau Jon Coker Benjamin Aaron Ewing Nicolas L. Fuchs\* Erica Lynn Goldstein Maimuna Shahnaz Majumder Austin H. Roush Maxwell Thaler

#### Bachelor of Science in Environmental Engineering Daniel Chen

Justina Cheng Michael C. Ernsting Orli Thuot Warner Gottlieb Catherine Anna Hoar Qingchuan Eric Liu Oren Sharabi Victoria Heather Sims Suzanne H. Warner Xiaochong Yao

#### Bachelor of Science in Mechanical Engineering

Brett Cameron Andler Tyler Cummings Andrews Maria Arshanskiy Grace I. Bambushew Iack Carter\*\* Alex Yat Ning Chan\*\*\* Rajarshi Chatterji Devon Joseph Colmer\*\*\* Tiago V. Costa Amy Jessica Demicco Sarah Rose Eilenberg Evan G. Ferber Nino Peter Figliola Thomas Martin Geheran Nathan Robert Goldsberry Robert D. Haves Brian Michael Hayzlett Kevin John Hillburn\*\*\* Christopher Lawrence Jackson Ryan Joseph Jorgensen Robert Daniel Kaufman\*\*\* Stefan Eric Le Noach Kristen Lea Lussier Timothy Patrick Martin\*\*\* Riley Jack Meehan Simon Kriebel Metcalf\*\*\* Alexander B. Metzger\*\*\* Yannick Charles Montgomery Bradley Rex Nakanishi Noah Harris Paulson Ann Garland Pelham Gabriel Stephen Perrone **Emmanuel Soriano Runes** Natalie Isabelle Salk Jessica Meryl Scolnic Tony Hui Shen Kimberly Anne Smith David Cortese Wagner Tyler S. Wilson Samuel Van Hook Woolf Grant M. Zyskowski

# Commencement 2013

121st COMMENCEMENT School of Medicine

33RD COMMENCEMENT Sackler School of Graduate Biomedical Sciences

# School of Medicine and Sackler School of Graduate Biomedical Sciences

Order of Events

Musical Prelude	
Processional	
Chief Marshal	Virginia A. Eddy, M.D., Professor of Surgery
Presenter	Scott Epstein, M.D., Dean for Educational Affairs, School of Medicine
Invocation	Naila Baloch, Muslim Chaplain
Welcome	Harris A. Berman, M.D., Dean, School of Medicine
Medical Class President Address	Ameer T. Shah
Greetings	Naomi Rosenberg, Ph.D., Dean, Sackler School of Graduate Biomedical Sciences
Sackler Student Address	Sana Mujahid
Presentation of Faculty Emeritus Certificates	Presented by: Harris A. Berman, M.D., <i>Dean</i> Recipients: Edith D. Balbach, Ph.D., <i>Professor of Public Health and Community Medicine</i> Marshal F. Folstein, M.D., <i>Professor of Psychiatry</i> Douglas D. Payne, M.D., <i>Professor of Surgery</i> Robert C. Sarno, M.D., <i>Professor of Radiology</i> W. Heinrich Wurm, M.D., <i>Associate Professor of Anesthesiology</i>
Presentation of Diplomas to M.D./M.B.A. in Health Management Candidates, School of Medicine	Harris A. Berman, M.D., <i>Dean</i> Betsy Busch, M.D., <i>University Trustee</i> Amy B. Kuhlik, M.D., <i>Dean of Students</i> Janet S. Kerle, <i>Associate Dean for Student Affairs</i> John A. Matias, M.Ed., <i>Associate Dean for Admissions and Enrollment Services</i> Joe F. Jabre, M.D., <i>Director, M.D./M.B.A. in Health Management Program</i>
	HOODING David W. Page, M.D., <i>Professor of Surgery</i>
Presentation of Diplomas to M.D./M.P.H. Candidates, School of Medicine	Harris A. Berman, M.D., <i>Dean</i> Betsy Busch, M.D., <i>University Trustee</i> Anthony Schlaff, M.D., M.P.H., <i>Director, M.P.H. Program</i>
	HOODING David W. Page, M.D., <i>Professor of Surgery</i>
Presentation of Diplomas to Maine Track Degree Candidates, School of Medicine	Harris A. Berman, M.D., <i>Dean</i> Betsy Busch, M.D., <i>University Trustee</i> Peter W. Bates, M.D., <i>Academic Dean, Maine Medical Center</i>
	HOODING Robert G. Bing-You, M.D., Vice President Medical Education, Maine Medical Center
Presentation of Diplomas to M.D. Candidates, School of Medicine	Harris A. Berman, M.D., <i>Dean</i> Betsy Busch, M.D., <i>University Trustee</i>
	HOODING David W. Page, M.D., <i>Professor of Surgery</i>

# School of Medicine and Sackler School of Graduate Biomedical Sciences

Order of Events

Presentation of Diplomas to M.S. Candidates, Sackler School of Graduate Biomedical Sciences	Naomi Rosenberg, Ph.D., <i>Dean</i> Betsy Busch, M.D., <i>University Trustee</i> Kathryn E. Lange, M.A., <i>Associate Dean</i> David M. Kent, M.D., M.Sc., <i>Program Director, Clinical and Translational Science</i>
Presentation of Diplomas to Ph.D. Candidates, Sackler School of Graduate Biomedical Sciences	Naomi Rosenberg, Ph.D., <i>Dean</i> Betsy Busch, M.D., <i>University Trustee</i>
	Hooding Sackler Faculty
Presentation of Diplomas to M.D./Ph.D. Candidates	Harris A. Berman, M.D., <i>Dean, School of Medicine</i> Naomi Rosenberg, Ph.D., <i>Dean, Sackler School of Graduate Biomedical Sciences</i> Betsy Busch, M.D., <i>University Trustee</i>
	HOODING Amy B. Kuhlik, M.D., <i>Dean of Students</i> Sackler Faculty
Administration of Modern Hippocratic Oath	Joseph J. Rencic, M.D., Associate Professor of Medicine
Recessional	

# Doctor of Medicine and Master of Business Administration in Health Management

Ryan Anmol Rattan Singh Chandhoke B.S., Pepperdine University M.S., Georgetown University

**Thomas Chu** B.A., University of California at Berkeley

Patrick George Dermarkar B.S., University of Florida M.S., Tufts University

Anand Gopalsami B.S., University of Chicago

**David Juan** B.S., Stanford University M.A., Boston University

Abraham Malkin B.A., Yeshiva University

Anoop M. Raman^ A.B., Brown University

**Sloane Sirong Yu** B.S., Cornell University

Anna Myra Zampini B.S., University of Guelph, Canada M.S., Tufts University

#### Doctor of Medicine and Master of Public Health

**Yanik J. Bababekov**† B.A., Middlebury College

JaNae Ann Besendorfer B.S., Brigham Young University

Sarah Beth Cairo^ B.S., University of Illinois at Urbana-Champaign

Holly Elizabeth Careskey Sc.B., Brown University

Shih-Chuan Chou B.S., Tufts University

Lillian Frances Conover^ B.S., Bates College

**Colleen Diane Fant**^ B.A., Northwestern University

Sally R. Greenwald<sup>†</sup>^ B.A., Tufts University

Ara Ko B.A., University of California at Los Angeles

Melissa Lauren Lichte B.A., Tufts University

Kathleen Mulvihill McKenna^†† B.A., Carleton College

**Moira Aileen Rashid**^ B.A., University of California at San Diego

Victoria Reichman^ B.A., New York University

Keelin Flannery Roche† B.A., Bard College

**Pamela Ruth Teixeira** B.S., Tufts University

**Daria Leigh Thompson**<sup>†</sup> B.S., University of California at Santa Barbara

**Richard Scott Zamore** B.A., Binghamton University

# School of Medicine

Candidates for Degrees—Maine Track Program

# Doctor of Medicine and Master of Business Administration in Health Management

**Brienne Danielle Cressey**±† B.S., University of Maine

#### Doctor of Medicine and Master of Public Health

Amanda Lynn McDonough B.S., Massachusetts College of Pharmacy and Health Sciences

Chadwick Szylvian B.S., Boston College

#### Doctor of Medicine

Nicole Lea Barbee A.B., Harvard University

**Peter Ward Benziger** B.A., University of Maine

William Bower B.A., University of California at Irvine

Heather M. Bradford^ B.S., University of New England

Kathleen Elizabeth Brennan B.S., Boston College

**Robert Douglas Bruce III** A.B., Dartmouth College

Matthew Samuel Buttarazzi B.A., Colgate University

Jasmine Lee Chiang A.B., Cornell University

**Craig Thomas Fournier** B.S., University of Maine

Margaret Bates Lu Griffith A.B., Bowdoin College

**Ryan David Haley** B.S., University of New Hampshire

Jason F. Hine B.A., Colby College

Marika Decyk Holte A.B., Bowdoin College M.A., Loyola Marymount University

Lindsey Maureen Jackson B.S., University of New England

**Geoffrey Lee Kendall** B.A., Boston University

Allison Dawna Labbe B.A., Wheaton College (Massachusetts) Kristi Jean Larned† B.S., Wheaton College (Illinois)

Megan E. McBrady B.A., University of Notre Dame

Janessa Drew Nason† B.S., University of Connecticut

**Patrycja Olszynski** A.B., Dartmouth College

**Robert L. Parisien** A.B., Brown University

Kelly Daylyn Pitts† A.B., Bowdoin College

**Spencer Jacob Powers** B.S., University of Maine

James Armstrong Saltsman III† B.A., University of Michigan-Ann Arbor M.P.H., Johns Hopkins University

**Erin Elizabeth Schlossman** B.A., Colby College

**Michael Paul Sighinolfi** A.B., Bowdoin College

**David Howard Skavdahl** B.A., Seattle Pacific University M.P.H., Drexel University

Marya Rose Spurling B.S., Gordon College

Holly Sinclair Thro B.A., American University M.A., University of Wisconsin–Madison

#### **Doctor of Medicine**

**Prakhar Agarwal** B.A., Tufts University

**Oluseyi Monisola Akintorin** B.A., University of Illinois at Chicago

Nissa J. Ali B.S., University of Illinois at Urbana-Champaign Ed.M., Harvard University

Elizabeth Hui-Chuan Au B.S., Massachusetts Institute of Technology

Hannah Fae Aultman B.A., Yale University

**Corey Keith Baker** B.A., Wesleyan University

Adrienne H. Barasch† A.B., Cornell University

Andrew Christopher Berical† A.B., Bowdoin College M.A., Boston University

**Zachary William Binder** B.S., University of Maryland

Meena Bolourchi B.S., Tufts University

**Graham Brant-Zawadzki**^ B.A., M.A., Stanford University

**Gregory Thomas Brennan** B.S., University of Massachusetts Amherst

**Erika Marie Brewer** B.A., University of San Diego

Jonathan P. Brower†^ B.S., Georgetown University

Julia Nicole Brown B.S., Tufts University

Alap A. Butala B.A., New York University

**Robert J. Caiazzo Jr.** B.A., Skidmore College

Matthew Careskey B.S., Indiana University Bloomington

**Brian James Carney**<sup>†</sup> B.S., Providence College

Michael Robert Castellot A.B., Brown University Sarah Elizabeth Catalano† B.S., Boston College

Jessica Michelle Ceruzzi B.A., Tufts University

Matthew Gee Chan B.S., Tufts University

Amy Zhengjun Chong†^ B.A., Northwestern University

Ian Dennis Chong± A.B., Harvard University

**Jennifer Chu** B.A., Wellesley College

Adriana Cohen Rostoker B.A., Wesleyan University

Katherine Mayumi Colpitts A.B., Mount Holyoke College

Sarah Crombie Connor† B.A., Tufts University

Kristine Simone Corkum<sup>†</sup> B.A., College of the Holy Cross

**Brian Matthew Corliss**† B.A., Johns Hopkins University

**Daniel James Corrigan** B.S., Stonehill College M.S., Tufts University

Chantal Dewey B.S., Brandeis University M.A., M.P.H., Boston University

**Steven Thomas DiSegna** B.S., Boston College M.S., Tufts University

Molly J. Douglas^ B.S.E.S., Tufts University

Philip Ofosu Eck B.A., Oberlin College M.S., University of Hawaii at Manoa

Susan Elisabeth Eklund^ B.A., Williams College M.A., Boston University

**Stanley Thanet Eosakul** B.S.E.E., M.S., Tufts University

Michele Lynne Esposito± A.B., Cornell University

# School of Medicine

Candidates for Degrees

Svetlana Faktorovich B.S., Stony Brook University M.A., Boston University

Caitlin Elizabeth Fay A.B., Princeton University

**Tuesday Fawn Fisher** B.S., Rensselaer Polytechnic Institute

**Emily Efron Flier** A.B., Brown University

Eric Dart-Yang Fok B.S., University of California at Davis M.S., Columbia University

Naomi Yuki Garland B.A., Johns Hopkins University M.P.H., University of California at Berkeley

Ari Michael Goldminz± B.A., Emory University

**Gregory Larry Goodman** B.S., Brandeis University

Angela Kellen Green B.S., Cornell University M.S., Harvard University

Daniel Jason Greenwald B.S., Tufts University

Daon Ha B.S., Massachusetts Institute of Technology

**Robert Scott Heller** B.S., Emory University

Michael Scott Christopher Hemond^ A.B., Ph.D., Harvard University

William Carmen Hillmann<sup>†</sup> B.S., Boston College M.S., Massachusetts Institute of Technology

Jessica Laurel Hodnett B.A., Tufts University

Louis Insalaco† B.S., Boston College

Katherine Alexandra Jarrell B.S., Massachusetts Institute of Technology

**Elizabeth Bartelt Joe** B.A., University of California at Berkeley

**Christina Maria Johnson**†^ Sc.B., Brown University Hyejo Jun<sup>†</sup> B.S., Tufts University

Jeremy Harris Kaplan B.A., University of Pennsylvania

William Sung-Gyum Kim B.S., University of Virginia

**Kyle James Kinderknecht** B.A., Wake Forest University

Kunal K. Kothari^ B.A., University of Rochester M.S., Georgetown University

Katharine Lowell Kuntz B.A., Pomona College

Michael Sunoh Kwak^ B.S., University of California at Santa Barbara M.Ed., University of California at Los Angeles

**Christopher P. LaCross**± B.A., Tufts University

Aaron Calman Weiss Lasker Sc.B., Brown University

Jacqueline Marie Latina^ A.B., Princeton University

**Erek William Latzka** B.A., University of North Carolina at Chapel Hill

Allison Marie Ledoux B.A., College of the Holy Cross

Scott Licata B.A., Fordham University

Andrew Harry Locke† A.B., Washington University in St. Louis

Andrew Nguyen Luu B.S., University of California at Berkeley M.A., Boston University

**Dann Cencak Martin** B.S., M.S.E., Johns Hopkins University

Matthew Dean Mascioli B.A., Carleton College

**Tapan Hiten Mehta** A.B., Bowdoin College M.A., Boston University

**Robert Douglas Mendenhall** B.A., Pomona College

# School of Medicine

Candidates for Degrees

Jennifer Leigh Michelson B.S., Tufts University

Matthew Lester Mielke A.B., Princeton University

Andrew Fergus Mills B.S.CH.E., Tufts University

Jonathan M. Moy B.A., Tufts University

Jazmin C. Muñoz B.S., University of Michigan-Ann Arbor

**Timothy Daily Murtha** B.A., Boston University

Adam Michael Nadolski^ B.S., Tufts University

Lisa Ann Netkowicz B.A., Pennsylvania State University

Eric Ian Newman B.S., University of Maryland

Huy Ngoc Nguyen B.S., University of Florida

Luke Thomas Nicholson† B.S., Tufts University

Michael Brody O'Sullivan B.S., Boston College

Rachel Louise Ombres B.A., Tufts University

**Duytam Pham** B.S.E.E., Tufts University

Jessica Marie Pogachar B.S., Western Washington University M.P.H., Tufts University

Noah Harrison Prince B.S., Duke University

Rett Quattlebaum† B.A., Colby College

Sean Shahriar Rajaee±† B.S., University of California at Los Angeles M.S., University of Southern California

Soumitra Rajagopal B.S., M.S., University of Mumbai, India M.S., Ph.D., University of Nebraska-Lincoln

Ferase Rammo B.S., M.S., Massachusetts Institute of Technology

Adam Alexander Reisner B.S., Northeastern University Jason Bradley Richards B.A., Tufts University

Jacqueline Lauer Roberts A.B., Harvard University

Jorge Alberto Rodriguez Sc.B., Brown University

Darya Rudym B.S., Tufts University

**Cong Zhou Santoso** B.A., Tufts University

Allison Rae Sarff B.S., M.S., University of California at Irvine

Jonah Allen Schey B.S., Tufts University

**Dean Paul Schraufnagel**±† B.A., Northwestern University

Kinza Aleen Sentissi† B.A., Georgetown University

Andrew Barrett Servais B.A., Cornell University

Ameer T. Shah† B.A., Tufts University M.A., Boston University

Matthew Jared Shepard†^ B.S., Boston College

Henry Han-Jen Shih B.A., University of California at Berkeley

Nikhil Victor Sikand B.A., Trinity College

Joseph Backes Sills<sup>†</sup> Sc.B., Brown University M.A., University of Virginia

Monica Sinha-Evenson B.S., University of California at Los Angeles M.H.S., Johns Hopkins University

David M. Solomon B.S., University of Pennsylvania

Jonathan David Sonis† B.A., Tufts University

Jeffrey Sorokin B.A., University of California at Berkeley

Daphna Yael Spiegel† B.A., Boston University M.S., Georgetown University

# **School of Medicine**

Candidates for Degrees

Matthew Jamieson Stein B.A., Colby College

**Brian Ross Stotter** B.S., Brandeis University

John Dimosthenis Stratigis B.S., Boston College

Andres Wei-chiao Su A.B., Harvard University

**J. Chris Suffern** B.A., College of the Holy Cross

Alex Wang Sun B.A., University of California at Berkeley

**Christie Sun** B.S., University of California at Los Angeles

Lauren Kay Szolomayer B.S.E., Princeton University

**Peilan Elizabeth Tang** A.B., Harvard University M.S., Georgetown University

**Ilana Traynis** B.S., Tufts University

**David Paolo Trofa**± B.A., Columbia University Sudhi Alice Trye B.S., Cornell University M.S., Drexel University

Rahul Srinivasa Vedula† B.S., Boston University

Jeffrey A. Wacks B.A., Tufts University

Matthew G. Wakim B.S., Brandeis University

**Timothy Ryan Walsh** B.A., Bates College

**Avery LeBoff Williams** A.B., Harvard University

Keluo Yao B.S., Syracuse University

Yun-ting Eric Yeh A.B., Cornell University

Xiao Chi Zhang B.S.M.E., M.S., Tufts University

# **Sackler School of Graduate Biomedical Sciences**

Candidates for Degrees

# Master of Science

# Ebaa Mohammed Alawami

Clinical and Translational Science M.B.B.S., King Abdulaziz University, Saudi Arabia Thesis: Author's Clinical Specialty: A Competing Interest in Economic Analysis of Surgical Interventions, Reality or Fiction? Advisor: David Kent, M.D.

### Genève Marie Allison

Clinical and Translational Science A.B., Harvard University M.D., University of Massachusetts Medical School Thesis: A Multivariable Prediction Model for 30-Day Readmissions for Patients Discharged with Outpatient Intravenous Antibiotic Therapy Advisor: David Snydman, M.D.

# Basem Mohammed Alraddadi

Clinical and Translational Science M.B.B.S., King Abdulaziz University, Saudi Arabia Thesis: Prediction of *Clostridium difficile* Infection Recurrence and Risk-Based Heterogeneity of Treatment Effect of Vancomycin versus Fidaxomicin Advisor: David Snydman, M.D.

### David Alan Drew

Clinical and Translational Science B.S., Cornell University M.D., State University of New York at Upstate Medical University Thesis: FGF-23 and Cognitive Performance in Hemodialysis Patients Advisor: Mark Sarnak, M.D.

### Lauren Hilary Epstein

Clinical and Translational Science B.S., M.D., George Washington University Thesis: Outcomes of *Clostridium difficile* Infection Caused by the NAP1/BI/027 Strain versus Non Hypervirulent Strains: A Propensity Score Analysis Advisor: David Snydman, M.D.

### Alin Annie John

Clinical and Translational Science B.S., Pennsylvania State University M.D., Drexel University College of Medicine Thesis: Cardiovascular Disease and Kidney Disease Progression in Kidney Transplant Recipients Advisor: Andrew Levey, M.D.

### Michael James Kelly

Clinical and Translational Science B.S., Muhlenberg College M.P.H., Brown University M.D., Drexel University College of Medicine Thesis: Cranial Irradiation Therapy for Pediatric T-lineage Acute Lymphoblastic Leukemia: A Systematic Review Advisor: Susan Parsons, M.D.

### JoAnna Kristine Leyenaar

Clinical and Translational Science B.S., University of Guelph, Canada M.P.H., Harvard School of Public Health M.D., McMaster University, Canada Thesis: Comparative Effectiveness of Ceftriaxone in Combination with a Macrolide Relative to Ceftriaxone Alone for Pediatric Patients Hospitalized with Community Acquired Pneumonia Advisor: Peter Lindenauer, M.D.

### Samantha Victoria Mecker\*

Cellular and Molecular Physiology B.S., The College of New Jersey Thesis: Synaptic MicroRNA Expression and Function in the Central Nervous System Advisor: Ira Herman, Ph.D.

### Michail Miligkos

Clinical and Translational Science M.D., University of Athens Medical School, Greece Thesis: Leukotriene Receptor Antagonists versus Placebo in Adults and Adolescents with Asthma: A Systematic Review and Meta-Analysis Advisor: Ethan Balk, M.D.

### **Ronnie Orlando Ortiz**

Clinical and Translational Science B.S., InterAmerican University of Puerto Rico M.D., Universidad Iberoamericana School of Medicine, Dominican Republic Thesis: The Association of Omega-3 Fatty Acids and Cardiovascular Outcomes in Patients with Acute Coronary Syndrome Advisor: Harry Selker, M.D.

### Amanda Katheryn Robb\*

Cell, Molecular, and Developmental Biology B.S., Northeastern University Thesis: CCN5: A Critical Review of Signaling, Development, and Pathophysiology Advisor: John Castellot, Ph.D.

### Saeed Kamran Shaffi

Clinical and Translational Science M.B.B.S., Rawalpindi Medical College, Pakistan Thesis: Performance of Creatinine-Based Glomerular Filtration Rate Estimating Equations in Solid-Organ Transplant Recipients Advisor: Andrew Levey, M.D.

### Alison Louise Sullivan

Clinical and Translational Science B.A., Vanderbilt University M.D., Boston University School of Medicine Thesis: Factors Associated with Longer Time to Treatment in the Care of Patients Transported by Emergency Medical Services for Suspected Acute Coronary Syndromes and ST Segment Elevation Myocardial Infarction Advisor: Harry Selker, M.D.

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# **Sackler School of Graduate Biomedical Sciences**

Candidates for Degrees

# Seth Emerson Wakefield\*

Neuroscience B.S., University of Pittsburgh Thesis: GABAergic Control of the HPA Axis as a Treatment Target for Epilepsy Advisor: Jamie Maguire, Ph.D.

# Adam Leslie Weston

Clinical and Translational Science B.A., Bowdoin College M.D., Tufts University School of Medicine Thesis: The Efficacy of Daptomycin versus Vancomycin for MRSA Bloodstream Infection in Patients with Impaired Renal Function Advisor: David Snydman, M.D.

# Doctor of Philosophy

# Michelle Anjou Arya\*

Genetics B.S., Concordia University A.L.M., Harvard University Dissertation: The Effect of Ethanol on the Differentiation of C2C12 Mouse Myogenic Cells Advisor: Gordon Huggins, M.D.

# James Patrick Canner\*

Cell, Molecular, and Developmental Biology B.A., M.A., Boston University Dissertation: Developmental Regulation of Corneal Protective Mechanisms Advisor: Thomas Linsenmayer, Ph.D.

# Eydith Janice Comenencia Ortiz\*\*

Neuroscience B.S., University of Puerto Rico, Cayey Dissertation: Novel Actions of Neurosteroids on GABA<sub>A</sub> Receptors Advisor: Stephen Moss, Ph.D.

# Michael John Hanley\*\*

Pharmacology and Experimental Therapeutics Pharm.D., University of Rhode Island Dissertation: Inhibition of Cytochrome P450 Enzymes by Fruit Juices: *In vitro* Effects, Clinical Relevance, and Therapeutic Implications Advisor: David Greenblatt, M.D.

# Juliana Beth Lewis\*\*\*

Immunology B.S., Northeastern University Dissertation: Phosphorylated ADAP Promotes Integrin-Independent Adhesion by Stabilizing T Cell Receptor-Induced SLP-76 Microclusters Advisor: Stephen Bunnell, Ph.D.

# Chi Luo

Genetics B.S., Sun Yat-sen University, China Dissertation: Melanoma: From Mouse Model to Metabolism Advisor: Philip Hinds, Ph.D.

# Michael Inacio Monteiro\*\*\*

Cellular and Molecular Physiology B.A., Boston University Dissertation: The Kinesin-3 Family Motor KLP-4 Regulates Anterograde Trafficking of GLR-1 Glutamate Receptors in the Ventral Nerve Cord of *C. elegans* Advisor: Peter Juo, Ph.D.

# Annie Park Moseman\*\*\*

Immunology B.A., Carleton College Dissertation: Forward Genetic Analysis of the CpG Hypo-Response in Wild-Derived MOLF/Ei Mice Advisor: Alexander Poltorak, Ph.D.

# Sana Mujahid

Cell, Molecular, and Developmental Biology B.S., Christian Brothers University Dissertation: Regulation of Lung Development by miRNAs and Hox Genes Advisor: Heber Nielsen, M.D.

# Brendan Haley Oakes\*\*\*

Pharmacology and Experimental Therapeutics B.S., Lehigh University Dissertation: Viral Associations with Chronic Fatigue Syndrome and the Prevalence of Artifacts Advisor: Brigitte Huber, Ph.D.

# Jessica Valerie Pierce\*

Molecular Microbiology B.A., University of Chicago Dissertation: Alternate Lifestyles of *C. albicans*: Immunosensing Through Efg1p Promotes Either Colonization or Pathogenesis Advisor: Carol Kumamoto, Ph.D.

# Marcos A. Salazar\*\*

Genetics B.S., New Mexico State University Dissertation: Genetic Characterization of ABL1 Inhibition and Regulation by the Tumor Suppressor PRDX1 Advisor: Richard Van Etten, M.D., Ph.D.

### Yulia Shamis\*

Cell, Molecular, and Developmental Biology M.S., Hebrew University of Jerusalem, Israel Dissertation: hESC- and iPSC-Derived Fibroblasts for Skin Engineering and Repair Advisor: Jonathan Garlick, D.D.S., Ph.D.

# **Sackler School of Graduate Biomedical Sciences**

Candidates for Degrees

# Korynn Stoyanoff\*\*\*

Immunology B.S., Bucknell University Dissertation: *H. polygyrus* Infection Mediates Regulatory T cell Function in the Gut of Mice Advisor: Joel Weinstock, M.D.

# Xinxin Sun\*\*\*

Genetics B.M., M.S., Shandong University, China Dissertation: Target Genes of Transcription Factor Sp4 in Neuronal Development Advisor: Grace Gill, Ph.D.

### Navdeep Tangri\*\*\* Clinical and Translational Science B.S., University of Waterloo, Canada M.D., University of Manitoba, Canada Dissertation: Risk Prediction for Patients with Chronic Kidney Disease Advisor: David Kent, M.D.

# School of Medicine and Sackler School of Graduate Biomedical Sciences

Candidates for Combined Degrees

# Doctor of Medicine and Doctor of Philosophy

Shauna Rita Andersson<sup>^</sup> Genetics B.A., Hunter College of the City University of New York Dissertation: The Role of TLR7/8 in Autoantibody Production and Granulopoiesis in Murine SLE Advisor: Thereza Imanishi-Kari, Ph.D.

# Chukwudi Nnaemeka Ezeokonkwo

Biochemistry B.S., University of California at San Diego Dissertation: Regulation of Polyadenylation in Eukaryotic pre-mRNA Advisor: Claire Moore, Ph.D. Sean Ian Tracy Immunology B.S., Tufts University Dissertation: Reactivity Profiles of Memory-B Cells Infected with the Epstein-Barr Virus Advisor: David Thorley-Lawson, Ph.D.

# **Richard Lee Wong**

Biochemistry B.S., M.S., University of California at San Diego Dissertation: Observations and Insights from a Study of RalGDS in Cancer Advisor: Larry Feig, Ph.D.

# A Modern Hippocratic Oath

### By Louis Lasagna, M.D.,

Dean Emeritus, Sackler School of Graduate Biomedical Sciences

I swear to fulfill, to the best of my ability and judgment, this covenant:

I will respect the hard won scientific gains of those physicians in whose steps I walk, and gladly share such knowledge as is mine with those who are to follow.

I will apply, for the benefit of the sick, all measures, which are required, avoiding those twin traps of over treatment and therapeutic nihilism.

I will remember that there is art to medicine as well as science, and that warmth, sympathy, and understanding may outweigh the surgeon's knife or the chemist's drug.

I will not be ashamed to say, "I know not," nor will I fail to call in my colleagues when the skills of another are needed for a patient's recovery.

I will respect the privacy of my patients, for their problems are not disclosed to me that the world may know. Most especially must I tread with care in matters of life and death.

If it is given to me to save a life, all thanks. But it may also be within my power to take a life; this awesome responsibility must be faced with great humbleness and awareness of my own frailty. Above all, I must not play at God.

I will remember that I do not treat a fever chart, or a cancerous growth, but a sick human being, whose illness may affect the person's family and economic stability. My responsibility includes these related problems, if I am to care adequately for the sick.

I will prevent disease whenever I can, for prevention is preferable to cure.

I will remember that I remain a member of society, with special obligations to all my fellow human beings, those sound of mind and body, as well as the infirm.

If I do not violate this oath, may I enjoy life and art, respected while I live and remembered with affection thereafter.

May I always act so as to preserve the finest traditions of my calling and may I long experience the joy of healing those who seek my help.

Order of Events

Processional	
Greeting and Remarks	Aviva Must, Ph.D., Dean for Public Health and Professional Degree Programs
Class Address	Elaine Siew, Master of Public Health Candidate
Alumni Address	Char Kasprzak, M.P.H., M09, Program Representative, Public Health and Professional Degree Programs Alumni Association
Faculty Address	William H. Dietz, M.D., Ph.D., Former Director, Division of Nutrition, Physical Activity and Obesity, Centers for Disease Control and Prevention
Presentation of Diplomas to M.S., Biomedical Sciences Candidates	Aviva Must, Ph.D., Dean for Public Health and Professional Degree Programs
	Alvar W. Gustafson, Ph.D., Faculty Director, M.S., Biomedical Sciences Program
	Vivian Stephens-Hicks, M.P.H., Program Manager, M.S., Biomedical Sciences Program
	Robin T. Glover, M.B.A., Associate Dean for Public Health and Professional Degree Programs
Presentation of Diplomas to M.S., Health Communication Candidates	Aviva Must, Ph.D., Dean for Public Health and Professional Degree Programs
	Susan Gallagher, M.P.H., Director, M.S., Health Communication Program
Presentation of Diplomas to M.S., Pain Research, Education and Policy Candidates	Aviva Must, Ph.D., Dean for Public Health and Professional Degree Programs
	Daniel Carr, M.D., Director, M.S., Pain Research, Education and Policy Program
Presentation of Diplomas to M.P.H. Candidates	Aviva Must, Ph.D., Dean for Public Health and Professional Degree Programs
	Anthony Schlaff, M.D., M.P.H., Director, M.P.H. Program
	Misha Eliasziw, Ph.D., Epidemiology and Biostatistics Concentration Leader
	Odilia Bermudez, Ph.D., M.P.H., L.N.D., Global Health Concentration Leader
	Susan Koch-Weser, Sc.M., Sc.D., Health Communication Concentration Leader
	Paul Hattis, M.D., J.D., M.P.H., <i>Health Services Management and Policy</i> Concentration Leader
	Virginia Chomitz, Ph.D., Nutrition Concentration Leader
Presentation of Diplomas to M.S., Biomedical Sciences/M.P.H. Candidates	Aviva Must, Ph.D., Dean for Public Health and Professional Degree Programs
	Anthony Schlaff, M.D., M.P.H., Director, M.P.H. Program
	Alvar W. Gustafson, Ph.D., Faculty Director, M.S., Biomedical Sciences Program
Closing Remarks	Aviva Must, Ph.D., Dean for Public Health and Professional Degree Programs
Recessional	

Candidates for Degrees

# Master of Science in Biomedical Science

Amanda Elizabeth Allen\* B.S., Florida Institute of Technology

Loriyann Amertil\*\* M.S., Atlantic Union College

Mikhael Dwight Andaya B.A., University of California at Berkeley

**Carmel Shmuel Ashur**\*\*\* B.S., University of California at Los Angeles

**Emily Sharon Au**\*\*\* B.A., University of California at Berkeley

**Rosa Lilia Avila** B.A., Yale University

**Courtney Lynne Ayers** B.S., University of Florida

Amey Barakat B.S., University of Massachusetts Boston

Kevin Matthew Bardon\* B.S., University of Massachusetts Amherst

**Christy Benjamin**\* B.A., University of Miami

Michelle Rennee Bennett B.S., Denison University

Shemeica Nicole Binns A.B., Bowdoin College

Joshua A. Brand\* B.S., Tufts University

**Stefania Marie Buonocore** B.S., Bucknell University

Adam Thomas Cardullo\* B.S., Boston College

Justin Kaeen Chang\* B.S., University of Florida

Dallas Michael Chase\*\*\* B.S., University of California at Santa Barbara

Edward Chau B.A., University of Southern California

**David Cheng**\*\*\* B.S., University of Maryland

**Kimberly Cheng**\*\*\* B.A., Williams College

**Thomas Deian Conway** B.A., New York University

**Tiffany Rae Corlin** B.S., Chapman University Maria Christine Drazek\*\*\* B.S., University of Michigan-AnnArbor

Kayla Ruth Elliott B.A., Williams College

Danielle Nichole Frock-Welnak\* B.S., University of South Carolina

Tanya Girgenrath B.S., Boston University

Jacquelyn E. Greiner\* B.S., Virginia Polytechnic Institute and State University

Sameer H. Halani\*\*\* B.A., Emory University

**Bethany Deborah Wood Harvey** B.A., Denison University M.H.S., Johns Hopkins University

Catherine Ethna Hassett\* B.S., Fairfield University

**Bryson Reid Hauck\*** A.B., Dartmouth College

**Wan Xing Hong\*** B.A., Stanford University

**Robert Hurley** B.S., University of Miami

Vanessa Beth Hurley\*\* A.B., Dartmouth College

Jonathan Levi Jacobs B.S., George Washington University

An Kim\*\* B.S., Georgetown University

Andrew Insoo Kim\*\* B.S., Brandeis University

**Qingwu Kong**\*\*\* B.A., Northwestern University

Annaliisa Rose Koski B.S., University of Oregon

Kristyn Ainsley Krolikowski\*\*\* B.S., Georgetown University

Gene Hiroshi Kurosawa\* B.S., University of California at San Diego

David C. Lee B.S., University of Miami

Sun Lee\* B.S., University of California at Berkeley

Benjamin Samuel Levin\* B.S., Bates College

Candidates for Degrees

**Sharmaine Anne Winolla Lewis** B.A., Tufts University

**Kyndra Monique Liburd** B.S., George Washington University

Andrew Litwin B.A., Brandeis University

Clive Kefei Liu\* B.A., Vanderbilt University

**Kimberly Cooper Lofgren**\*\*\* B.A., Colgate University

Anushka N. Magal\* B.A., Miami University

Vaidehi Mahadev\* B.S., University of Southern California

Peter Edward Malm\* B.S., Iowa State University

Christopher Allen Matson\* B.S., University of Central Florida

Caitlin Christine McKenna-Mantica\*\*\* B.S., Siena College

Ashley Elizabeth Mehl\*\*\* B.A., Columbia University

Sai Krishna Merugumala\*\*\* B.S.E., University of Texas at Austin

Melody Honey Michaelson\* B.A., Brandeis University

Israel Efrain Molina\* B.S., Massachusetts Institute of Technology

Kelly Anne Murphy\* B.S., McGill University, Canada

**Pratik Dipak Patel** B.S., University of California at Irvine

Erica Elizabeth Perez\* B.S., Duke University

Satej Ranjit Pradhan\*\* B.A., University of Colorado at Boulder

Arlene E. Reyna B.A., Boston University

**Lori Lee Rhodes** B.A., Gettysburg College

Lauren Anne Rice B.S., University of California at Davis

Miranda Jo Rogers B.S., Tufts University **Tucker Joseph Ruel** B.S., Boston College

David Mark Sau\*\*\* B.S., Carnegie Mellon University

Christine Elaine Savilo\*\* B.A., Boston University

Kanika Adelaide Searvance\*\*\* A.B., Dartmouth College

Christopher Robert Seufert\* B.S., Tufts University

Nora Sherry B.S., Virginia Polytechnic Institute and State University

**Patrick Joseph Silveira** B.S., Emmanuel College

**Megan Elizabeth Smith** B.A., Colby College

Sean Michael Stevens\*\*\* B.S., Pennsylvania State University

Molly Amory Storer\* B.S., Occidental College

Hironobu Takeda\*\*\* B.S., University of Georgia M.P.H., Emory University

Raminta Veronika Theriault\* B.S., Boston College

**Paris L. Thomas** B.A., Boston University

Marissa C. Timothy B.S., Tufts University

Laetitia Truong B.S., University of California at Davis

Shani Hanh Truong B.S., University of California at Davis

**Imo Patricia Udo-Inyang\*** B.S., University of Michigan-Ann Arbor

Jeremy D. Vincent B.S., Boston College

Kai Ping Wang B.S. University of California at San Diego

Xingyue Wang Sc.B., Brown University

Christine Eukyung Whang\*\*\* B.S., Santa Clara University

Candidates for Degrees

Nicholas Charles Wild\* B.S., University of Wisconsin–Madison

Andrew Bradford Wilks B.S., Union College

John Zhe Xu\* B.S., Cornell University

Mayra Ruby Yanez B.S., James Madison University

Marisa Alejandra Zuluaga\*\*\* B.S., University of California at Santa Cruz

# Master of Science in Health Communication

**Fiona Yasmine Akhtar** B.A., Smith College M.B.A., Bentley College

Erica L. Ballard B.A., Indiana University Bloomington

Lucy Margaret Berrington B.A., University of Oxford, United Kingdom

Sarah Elizabeth Gunn B.A., Saint Mary's College

Brianna Faith Lieberman B.A., Pennsylvania State University

**Emily Powell Oppenheimer** B.A., Brandeis University

Jennifer Lee Towers B.A., University of Rhode Island

Richard Wallace B.A., Grinnell College M.A., Ph.D., University of Massachusetts Amherst

Master of Science in Pain Research, Education and Policy

Ali Mudarres Kareem B.S., University of the Virgin Islands

Lynn Teo\* B.F.A., York University, Canada

Amy Vaz B.B.A., University of Massachusetts Amherst

# Master of Public Health

Alejandro Martin Alvarez\*\*\* B.S., Northeastern University

Shugufa Basij-Rasikh B.A., Simmons College

Clancey Ann Bateman\*\*\* Sc.B., Brown University Maya Wajih Bizri B.S., M.D., American University of Beirut, Lebanon

Laura Abigail Shaw Carroll\*\*\*†† B.A., St. Mary's College of Maryland

**Robert Alejandro Ciccia**\*\*\* B.A., Syracuse University J.D., Northeastern University

Ellen Kay Cynar\*\*\* B.A., Lewis and Clark College

Kaitlyn Lee Dunn\*\*\*†† B.A., Syracuse University J.D., Northeastern University

Jerzy Eisenberg-Guyot B.A., Tufts University

**Georgia Anne Feuer** B.A., Brandeis University

**James Michael Fletcher Jr.** B.A., College of the Holy Cross

**Crystal Jean Garcia\*** B.A., Yale University

**Elizabeth Marie Garry**\*\*\* B.A., Framingham State College

Julie Ann Grimaldi\* B.S., Cornell University

Leah Meredith Grout\*\*\* B.S., University of Vermont

**Tianna Danielle Jarzylo**\* B.S., Northeastern University

**Ebaa A. Jastaniah** M.D., King Saud University, Saudi Arabia

**Meghan E. Johnson**\*\*\*†† B.A., University of Maryland

Ashley Vandella Jones-Pierce\*\*\* B.A., Colby College J.D., Northeastern University

**Robert Sunmin Kim** B.S., Tufts University

**Leila Davina Kirkpatrick**\*\*\* B.A., University of California at Berkeley

**David Myer Leader** B.A., Emory University D.M.D., Tufts University

Hee Jae Lee B.S., Life University

John Li A.B., University of Chicago

Candidates for Degrees

Michelle S. Liu\* B.A., Tufts University

Emily Stone Mahoney\*\*\* A.B., Washington University in St. Louis J.D., Northeastern University

Ashley Jayne Malins\* B.A., Connecticut College

Adriana Monge Urrea\* B.S., Universidad Iberomericana, México

Stephanie Alyse Movsesian\*\*\* B.A., University of New Hampshire

Eavan Gabrielle Muldoon MB BCh BAO, University College Dublin, Ireland M.D., Trinity College Dublin, Ireland

Julie Beth Myers\*\*\* A.B., Cornell University J.D., Northeastern University

Lucy Anna Myles B.F.A., Ohio State University

Vaidehi Nayar B.S., Columbia University

Joseph Ogbonna B.S., American University of Nigeria, Nigeria

Lauren Elizabeth Parks\* B.A., University of New Hampshire

Sasha Christen-Marie Parr\*\*\* B.A., University of Richmond J.D., Northeastern University

Andrea Graffeo Plant\*\*\* B.A., Colby College

Paula Kathleen Power\*\*\* B.A., Regis College M.A., Bridgewater State University

Amy Quach B.S. University of Massachusetts Lowell

Christina Dichoso Reginaldo\*\*\* B.S., University of California at Davis

Michelle Renee Rollet\*\*\* B.S., University of Illinois at Urbana-Champaign

Natalie Jane Royal\*\*\*†† B.S., University of Oregon

Tahnee Kaur Sidhu B.A., Tufts University Elaine Siew\*\*\* B.A., University of British Columbia, Canada

Robert Gregory Sturgeon\* B.S., University of Michigan-Ann Arbor

Mio Tamanaha†† B.S., University of Washington

Jamie Marie Tully\* B.S., Loyola University Chicago

Jenna Christine Usedom\* B.A., Pomona College

Vanessa Vega A.B., Dartmouth College M.S., Tufts University

Caitlin Gripp Vestal\* B.S., Rensselaer Polytechnic Institute

Sarah Jean Lawton Volante\*\*\* A.B., Brown University J.D., Northeastern University

Christine Michelle Wahr\*\*\*†† B.A., Emory University J.D., Northeastern University

Christopher Wang\* B.S., Santa Clara University

Rebecca Jean Warwick B.A., Wheaton College (Massachusetts)

Kevin Takeshi Watanabe\* B.S., University of Hawaii at Manoa

Hilary Alison Weismann\* B.A., Boston College

Kevin Taylor Welch\* B.S., State University of New York at Albany

Jill Marie Wiley\* B.S., Saint Louis University

Katherine Jayne Williams\* B.A., University of Wisconsin–Stevens Point

Rachel Williams B.A., Williams College

Candidates for Combined Degrees

Doctor of Veterinary Medicine and Master of Public Health

Anne M. Fleming<sup>††</sup> A.B., Dartmouth College M.B.A., Duke University

**Emily Ann Franquin** B.A., Barnard College

Lauren Michelle Krone B.S., University of Maryland

**Cecilia Whitney Murch** B.S., Denison University

# Master of Science in Biomedical Sciences and Master of Public Health

**Oliver Glen Magbual Ancheta\*** A.B., Washington University in St. Louis

Lauren Michelle Burgunder\*\*\* B.S., University of California at Davis

Arjun Chandrasekaran\* A.B., Dartmouth College

# Master of Science in Biomedical Sciences and Master of Business Administration in Health Management

Joshua Aaron Geltman\* B.S., Massachusetts Institute of Technology

Stephen Thomas Groves\* B.A., University of Pennsylvania

Arman Pirzad\* B.S., University of Kansas

# School of Medicine and Sackler School of Graduate Biomedical Sciences

The Class of 2013 Student Prizes and Awards

### American Medical Women's Association Glasgow-Rubin Academic Achievement Certificates

Sarah Elizabeth Catalano Amy Zhengjun Chong Sarah Crombie Connor Kristine Simone Corkum Brienne Danielle Cressey Christina Maria Johnson Janessa Drew Nason Keelin Flannery Roche Kinza Aleen Sentissi Daphna Yael Spiegel

### Bernard A. Berman M48 Travel Fund

Graham Brant-Zawadzki Lillian Frances Conover Brienne Danielle Cressey Timothy Daily Murtha Adam Michael Nadolski Sean Shahriar Rajaee Keelin Flannery Roche Ameer T. Shah

**Worth F. Bloom M25 Prize** Jonathan P. Brower Sally R. Greenwald

Harry H. Brenner M33 Prize Christina Maria Johnson Sarah Crombie Connor

Charles and Jane Brusch Prize Louis Insalaco Rett Quattlebaum

**Dr. Te-Wen Chang Travel Scholarship** Graham Brant-Zawadzki Adam Michael Nadolski

**Commencement Committee Award** Ameer T. Shah

# William Dameshek Undergraduate Research Award

Ian Dennis Chong Brienne Danielle Cressey Michele Lynne Esposito Ari Michael Goldminz Christopher P. LaCross Sean Shahriar Rajaee Dean Paul Schraufnagel David Paolo Trofa

William Dameshek Award in Internal Medicine Rahul Srinivasa Vedula

Dr. Ruth Marguerite Easterling Award Oluseyi Monisola Akintorin

Murray Feingold and Timothy Johnson Health Communication Academic Achievement Award Lucy Margaret Berrington

H. Jack Geiger Public Health Advocacy Award Lucy Margaret Berrington

Sydney S. Gellis Award in Pediatrics Sarah Elizabeth Catalano Amy Zhengjun Chong

**Professor Ernest Grable, M.D., Award** Sean Shahriar Rajaee

John T. Harrington, M.D., Award Keelin Flannery Roche

Dr. Marc and Diane Homer Award Andrew Fergus Mills

**George L. Howland Prize** Sarah Beth Cairo

**Dr. Frank Inserra Prize** Richard Lee Wong

**David L. Kasdon Award** Brian Matthew Corliss Robert Scott Heller Matthew Jared Shepard **Leon Levinson Prize in Physiology** Brienne Danielle Cressey David Paolo Trofa

**Martin J. Loeb Prize in Medicine** Hyejo Jun Andrew Harry Locke

Martin J. Loeb Prize in Surgery Yanik J. Bababekov Kristine Simone Corkum

Massachusetts Medical Society Scholars Award Yanik J. Bababekov Sarah Crombie Connor Sally R. Greenwald Lauren Kay Szolomayer

Medical Class of 1928 Award Daniel James Corrigan

M.D./M.P.H. and D.V.M./M.P.H. Academic Achievement Award Anne M. Fleming

M.P.H. Academic Achievement Award Kaitlyn Lee Dunn Adriana Monge Urrea

M.S., Biomedical Sciences Academic Achievement Award Carmel Shmuel Ashur Nicholas Chang Bene Vaidehi Mahadev Lauren Anne Rice

Outstanding M.S., Pain Research, Education and Policy Capstone Award Amy Vaz

**Mildred Ann Myerson Memorial Fund** Monica Sinha-Evenson

**Presidential Award for Citizenship and Public Service** Jonathan P. Brower Michael Sunoh Kwak **Phi Delta Epsilon Fraternity Award** William Carmen Hillmann

**Ethel and Reuben Russman Prize** Elizabeth Bartelt Joe

Sackler School Dean's Award Sana Mujahid

The Saltonstall Award for Excellence in Pain Research, Education and Policy Lynn Teo

Philip E. Sheridan, M.D., Prize Rett Quattlebaum

Norman S. Stearns M.D./ M.B.A. Award Anand Gopalsami

Leonard Tow Humanism in Medicine Award Sponsored by the Arnold P. Gold Foundation Chadwick Szylvian

**Upjohn Award in Pharmacology** Susan Elisabeth Eklund Geoffrey Lee Kendall

**Louis Weinstein Prize** Brian James Carney William Carmen Hillmann

**Dr. Toby Wesselhoeft Family Medicine Award** Kathleen Mulvihill McKenna Moira Aileen Rashid

Zarren Family Award Jacqueline Marie Latina

# Commencement 2013

145TH COMMENCEMENT School of Dental Medicine

Order of Events

Musical Interlude	Woodvale String Quartet
Processional	Carole Palmer, Ed.D., R.D., Faculty Marshal
	Nadeem Karimbux, D.M.D., M.M.Sc., Associate Dean of Academic Affairs and Professor of Periodontology
	Ellen Ruth Hoffman, B.A., Student Marshal
	Laura Hanson Vaccariello, B.A., Student Marshal
	Sarah A. Greenlaw, B.S., Student Marshal
Invocation	Lynn Cooper, Catholic Chaplain
Greetings and Remarks	Huw F. Thomas, B.D.S., M.S., Ph.D., Dean of the School of Dental Medicine and Professor of Pediatric Dentistry
	Robert H. Kasberg Jr., Ph.D., Associate Dean for Admissions and Student Affairs
	Kevin James Burke, B.A., President of the Class of D2013
	Ahmed Mohamed Reda Afify, B.D.S., President of the Class of DI2013
Presentation of Master's Degrees	Huw F. Thomas, B.D.S., M.S., Ph.D., Dean
	Paul C. Stark, M.S., Sc.D., Professor and Director of Advanced and Graduate Education
Hooding	James B. Hanley, D.M.D., Associate Dean for Clinical Affairs and Interim Chair and Associate Professor of Periodontology
	Paul C. Stark, M.S., Sc.D., Professor and Director of Advanced and Graduate Education
Teaching Awards	The Provost's Award for Outstanding Teaching and Service Recipient: Vangel Zissi, D.M.D.
	The Dean's Award for Excellence in Clinical Teaching Recipient: Guilherme Bonecker Valverde, D.D.S, M.Sc., Ph.D.
	The Dean's Award for Excellence in Preclinical Teaching Recipient: Kanchan Ganda, M.D.
	The Dean's Award for Excellence in Basic Science Teaching Recipient: James Michael Hall, D.D.S.
Recognition of Emeritus Certificate	Vangel Zissi, D.M.D., Director of Continuing Education and Clinical Professor of Endodontics

Order of Events

Recognition of Honors and Awards	Nadeem Karimbux, D.M.D., M.M.Sc., Associate Dean of Academic Affairs
	Joseph Giordano, D.M.D., President of the Tufts University School of Dental Medicine Alumni Association
	Асадеміс Excellence Award In Honor of Peter Delli Colli, D.M.D. and John Ficarelli, D.M.D.
Presentation of Diplomas	Huw F. Thomas, B.D.S., M.S., Ph.D., Dean
	Kathleen O'Loughlin, D.M.D., M.P.H., University Trustee and Assistant Clinical Professor of General Dentistry
	Robert H. Kasberg Jr., Ph.D., Associate Dean for Admissions and Student Affairs
Hooding	Peter Arsenault, M.S., D.M.D., Associate Clinical Professor of Prosthodontics and Operative Dentistry
	Joanne Falzone, D.M.D., Clinical Professor of Prosthodontics and Operative Dentistry
	Charles H. Rankin III, D.M.D., Interim Chair and Professor of Diagnosis and Health Promotion
	Kevin L. Ryan, D.M.D., Assistant Professor of Diagnosis and Health Promotion and Emergency Clinical Director
Oath for the Dental Graduate	James B. Hanley, D.M.D., Associate Dean for Clinical Affairs
	Note to Spectators: <b>Arrangements have been made for a professional photographer to take pictures</b> <b>of the degree recipient for both receipt of the diploma and the formal doctoral</b> <b>hooding.</b> Family members and friends of the degree recipients who still want to take photographs during the Commencement ceremony are asked to avoid blocking the view of the professional photographer and others seated in the audience.

Candidates for Degrees

# **Doctor of Dental Medicine**

**Omar Mohammad Abuzaineh** B.S., University of California at Irvine

Ahmed Mohamed Reda Afify B.D.S., Alexandria University, Egypt

Chanook David Ahn B.S., University of Wisconsin–Madison

Natasha Ghaffari Aldo B.S., Syracuse University

Marwan Adnan Alhaddadin B.D.S., University of Jordan, Jordan Postgraduate Certificate of Higher Education in Oral Biology, Université Paul Sabatier, France M.S., Université de Montpellier, France

C. Marissa R. Alikpala B.A., Colgate University B.S., Rhode Island College

Saleh Saad Al-Kharsa B.A., Case Western Reserve University

Assal Assadi-Moghadam B.A., Hollins College B.S., Virginia Commonwealth University

Amir A. Atabakhsh B.S., California State University, Northridge

Julianna Bair B.A., Rutgers-New Brunswick

**Brian Richard Beck** B.S., University of Florida M.S., Barry University

Nicholas George Bello B.S., Boston University

Michelle Martha Biewer B.S., Saginaw Valley State University

Kevin Lee Black B.S., Ohio State University

Austin F. Boehm B.S., University of New England

**Dustin Aldridge Bond** B.S., B.S., Virginia Polytechnic Institute and State University

Lindsey Joan Brangwynne B.S., University of Maine

**Brett Michael Brayley** B.S., University of Maine

Ashley Anne Brown B.A., B.A., University of Southern California Ashley Lynn Brubaker B.S., University at Buffalo

Kevin James Burke B.A., Duquesne University

**Stephen Nicholas Cagliostro** B.A., Wake Forest University

**Diego A. Camacho** B.S., University of Miami

Christine Jane Cao B.S., California State University, Los Angeles

**Carmine S. Cataldo** B.S., Wagner College M.B.S., University of Medicine and Dentistry of New Jersey

**Calvin Chang** B.S., University of California at Los Angeles

Jennifer Hiu Tung Chau B.S., California State University, Los Angeles

Wenduo Chen B.D.S., Wuhan University, China M.D.S., Fujian Medical University, China

Yu-Hsuen Jessica Chiang B.D.Sc., University of Queensland, Australia

Jonathan Chouraqui B.S., Nova Southeastern University M.S., Barry University

**Peter D. Chung** B.S., Pacific Union College

**Chadd Joseph Cockrell** B.S., University of Washington

**Caitlin A. Coleman** B.S., Quinnipiac University

Damion Omar Cooper B.S., Howard University

Danielle E. Currier B.S., Boston College

Georgia Dellas B.S., Wagner College

Arpan Desai B.S., Virginia Commonwealth University

Janice De Vito B.A., University of San Diego

Sarah Elizabeth DeWolf B.S., University of Wisconsin–Madison

**Charlene Dulce Diemandezi** B.S., California State University, Fresno

Candidates for Degrees

**Riaz Jalal Dini** B.A., University of Southern California

Katarzyna Ewa Dionne B.A., University of Vermont

Patricia Kay Domings B.A., Assumption College

**Amit B. Doshi** B.S., University of Georgia

**Graciela A. Ducasse** D.D.S., Universidad Autónoma de Santo Domingo, Dominican Republic

**Caitlin Clare Duggan** B.A., College of the Holy Cross

Matthew C. Elston B.S., California State University, Chico

**Rita Estephan** A.B., Cornell University

Maryam Nabil Farag B.A., Rutgers-Newark

Ahmed Mamdouh Farid B.Sc., McGill University, Canada

Helen Fassil B.A., Tufts University M.P.H., Boston University

Laura Whitney Fishburn B.S., Marist College

**Broc A. Flores** B.S., Villanova University

Joanna Marie Fox B.Sc., University of New Brunswick, Canada

Nicolas M. Freda B.A., Lehigh University

**Gregory S. Galasyn** B.S., Adelphi University

Rumpa Ganguly B.D.S., Calcutta University, India M.S., University of Iowa

### Hamasat Gheddaf Dam

University

D.D.S., Dr. Med. Dent., Université de Genève, Switzerland Postgraduate Certificate of Achievement in Stomatology, Oral Surgery, and Dentomaxillofacial Radiology, Université de Genève, Switzerland Postgraduate Certificate of Achievement in Occlusion and Fixed Prosthodontics, Université de Genève, Switzerland International Team of Implantology Fellowship, Harvard Alyson Shari Golomb B.A., University of Wisconsin–Madison

**Ruth Sharon Gonnella** B.S., Grove City College

Meghan Elizabeth Greabell B.S., University of Massachusetts Amherst

Sarah A. Greenlaw B.S., Villanova University

Hope Abbe Hanford B.A., University of Colorado at Boulder

Jameson Louis Hardy B.S., University of Maine

Sukhpreet Kaur Heer B.S., University of California at Davis

Justin M. Hoag B.S., College of William & Mary

Alex Hoang B.S., University of Houston

Ellen Ruth Hoffman B.A., University of Wisconsin–Madison

**Katera Faith Hopkins** B.S., University of Oregon

Daria Ronges Hornung B.S., San Francisco State University

Shobha Mahesh Hosur B.D.S., University of Mysore, India M.D.S., Kuvempu University, India

**Colin Hu** B.S., University of Illinois at Urbana-Champaign

Kentaro Ishikawa B.S., University of Michigan-Ann Arbor

**Emily Karen Joseph** B.A., College of the Holy Cross

**Gregory Thomas Josephsen** B.A., Saint Anselm College

Daniel Jun B.S., Adelphi University

**Ian Jameson Kaemmer** B.S., Duke University

**Paul R. Kalish** B.S., University at Buffalo

James Yeon-Chan Kang B.A., Boston College

Candidates for Degrees

Serena Joy Kankash B.A., Rhode Island College

Mariam K. Karimeddiny B.Sc., McGill University, Canada M.A., Boston University

**Roxanna Louise Khajavi** B.S., University of California at Los Angeles

Nour M. Khalil B.D.S., University of Medical Sciences and Technology, Sudan

Yasir Usman Khan B.S., Florida International University

Aujin Kim B.S., University of North Carolina at Chapel Hill

**Britta Lundgren Koehler** B.S., University of Connecticut

**James Lloyd Koehler Jr.** B.S., Norwich University

**Caroline Joelle Kott** B.S., Florida State University

**Stanislav Kovtun** B.S., University of Massachusetts Boston

Jeremy Nathan Krell B.S., Brandeis University

Heidi Lindner Kurland B.A., Emory University M.S., New York University

Jennifer Ellen Kusner B.S., Villanova University

Christopher Vo Lam B.A., Emory University

**Gregory D. Lane** B.A., Northwestern University

Bohyun Lee B.B.A., Sookmyung Women's University, Republic of Korea B.A., Caldwell University

Chris Joon Lee B.A., University of Washington

Christine Elizabeth Lee B.S., University of Georgia

**Christine Yuan Lee** B.S., University of California at San Diego

Janice K. Lee B.A., Tufts University

**Richard Kang Lee** B.S., Bradley University **Trish Huiyi Liang** B.A., State University of New York at Geneseo

**Rebecca Bik-Kay Liu** B.S., University of California at Los Angeles

Andrew C. Luccio B.S., University of Richmond

**Gauri Madaan** B.D.S., Rajiv Gandhi University of Health Sciences, India Postgraduate Certificate of Achievement in Dental Clinical Sciences, Queen Mary School, University of London, England

Kacey C. Mahoney B.S., Southern Utah University

Nicole Kristan Mahoney B.S., Southern Utah University

Victor Vu Mai B.S., University of California at Los Angeles

**Temitope Zainab Maiyegun** B.A., University of Pennsylvania

Kent Alan Marchant B.S., Dixie State College of Utah

Eduardo Marcuschamer Gittler D.D.S., Universidad Tecnológica de México, Mexico Postgraduate Certificate in Periodontology, Tufts University School of Dental Medicine

**Dalia A. Marouf** B.S., DePaul University

**Dustin Lee McCammon** B.S., University of Utah

Lauren A McDonough B.A., University of New Hampshire

Megan Angela McGillicuddy B.A., Colgate University

Rachel Anne McKee B.S., University of Puget Sound

Kevin Francis McNeil Jr. B.S., University of Massachusetts Amherst

Janna Ariel Melzer B.S., State University of New York at Geneseo

Heidi Adeline Meuret B.S., B.A., University of Wyoming

Kellee Ann Miller B.S., Purdue University

Monil D. Mistry B.S., University of Maryland, Baltimore

Rachel Elizabeth Misuraca B.A., Suffolk University

Candidates for Degrees

David Ken Miyasaki B.S., University of Washington

Shirwac Hassan Mohamed B.A., Tufts University

Thomas Moon B.A., Tufts University

Michael Alexander Mooney B.S., Emory University

**Peter Mpantas** B.A., State University of New York at Albany

Aaron Ridwan Mulyadi B.S., University of Georgia

Lauren Elizabeth Murphy B.A., Amherst College

Roz Najafabadi B.S., Binghampton University

Michael Mauro Neglia B.A., La Sierra University

Aimee V. Nguyen B.S., University of California at Los Angeles

**Emery Leigh Nicholas** B.A., Amherst College

Karissa Rae Nickerson B.S., Stonehill College

David Gordon Nill B.S., Worcester Polytechnic Institute

**Donghyun Noh** B.S., Georgia State University

Deepa Rao Nyayapathi B.D.S., Rajiv Gandhi University of Health Sciences, India

Nathan Oakes B.S., University of Maine

Daniel Oreadi D.D.S., Universidad Central de Venezuela, Venezuela Postgraduate Certificate of Achievement in Oral and Maxillofacial Surgery, Tufts University School of Dental Medicine

**Ravneet Kaur Otal** B.S., University of California at Los Angeles

Katherine Ashley Parét A.B., Bowdoin College

Elizabeth Park B.Sc., University of Toronto, Canada

Sarah J. Pasch B.S., Michigan State University Sharda Ketan Patel B.D.S., Gujarat University, India Certificate in Advanced Education in General Dentistry, University of California at Los Angeles

**Tejal N. Patel** B.D.S., Rajiv Gandhi University of Health Sciences, India

**Priya Keyur Patoliya** B.D.S., Gujarat University, India

Marielle E. Pedro B.S., Fairfield University

Allison Katelyn Perry B.S., University of California at Davis

Mai Tuyet Pham B.S., Boston College

Nhan Hoang Pham B.A., University of Houston

Daniella A. Phillis B.S., Villanova University

Jonathan James Pinette B.S., University of Vermont

Lauren Paige Pitluck B.S., University of South Florida

Jeremy Robert Plourde B.S.CH.E., M.S., Tufts University

Michael Christopher Popelars B.S., University of Wisconsin–Madison

Jesse J. Punch B.S., University of Massachusetts Amherst

Jessica Mi Yi Pyun B.S., University of California at Irvine

Maliha Syeda Qadri B.S., University of Central Florida

Jessica S. Raber B.A., Rutgers-New Brunswick

Errol Brent N. Ramos B.S., M.S., University of California at Riverside

Laura Elisabeth Rein B.A., Grinnell College

Christopher Joseph Rohe B.S., Indiana University Bloomington

Zachary Fredric Rosen B.A., University of Wisconsin–Madison

Mona Z. Salameh B.S., University of Massachusetts Amherst

Candidates for Degrees

Kristin Geer Saunders B.S., Mississippi State University

Matteo Ugo Sferlazzo B.A., M.A., Wesleyan University

**Bashar Altayeb Shehadeh** B.S., University of Rhode Island

**Olga Shemanyuk** B.D.S., State Medical University, Ukraine

**Eun Sup Shin** B.S., B.A., California Lutheran University

Michael Myung-kee Shin B.A., Occidental College

Sarah L. Shin B.A., Smith College

**George Albair Sifain** B.S., University at Buffalo

Jessica Ann Silva B.S., University of California at Davis

Aaronpaul Singh B.S., Adelphi University

Natalie Marie Stanley B.S., Worcester State University

John Kyle Stark B.S., University of Central Arkansas

**Erica Ann Stutius** B.A., University of Pennsylvania

Allyce Colette Sullivan Sc.B., Brown University

**Elissa Lauren Teasdale** B.A., Colby College

Zaven Tobakyan B.S., University of California at San Diego

**Denise Tong** B.S., University of California at Davis

Thanh Dan Nguyen Tran B.S., University of California at San Diego

Yen Hoang Tran B.S., University of Georgia M.S., Mississippi College

Vincent Emmanuel Trinidad B.S., B.A., University of California at Irvine

**Jeffrey Yauhorn Tsai** B.A., Pitzer College

**Douglas Chi Tak Tse** B.S., Binghamton University Daniela Gabriela Urciuoli B.A., University of Pennsylvania

Laura Hanson Vaccariello B.A., Boston College

Nga T. Vu B.A., Boston University

Mark C. Warner B.A., Tufts University

**Carlin Elizabeth Weaver** B.A., Tulane University

Julie Jacqueline Williams B.S., University of Michigan-Ann Arbor

Allison Marie Winkler B.S., University of Portland

Derek T. Wirth B.S., Washington State University

Lisa Wai Hah Wong B.A., Wellesley College

Sage Se-Jong Yoo B.S., Purdue University

**Catherine E. Young** B.S., University at Buffalo

# Masters Degree Candidates and Recipients

**Dr. Hala Al-Awami** B.D.S., King Saud University, Saudi Arabia Thesis: Potential Inhibition of Enamel Demineralization *In Vitro* by Filled Orthodontic Sealant Advisor: Dr. Gerard Kugel

**Dr. Abdulaziz Al-Ben Ali** B.D.S., Cairo University, Egypt Thesis: The Effect of CAD/CAM Lithium Disilicate Translucency on Final Color Advisor: Dr. Hiroshi Hirayama

**Dr. Muhanad S. Alhareky** B.D.S., King Faisal University, Saudi Arabia Thesis: Effectiveness of the Isolite System vs. Rubber Dam Technique While Placing Sealants in Pediatric Patients Advisor: Dr. Cheen Loo

**Dr. Abdullah Al-Mashan** B.S., D.M.D., University of Pittsburgh Postgraduate Certificate of Achievement in Prosthodontics, Tufts University School of Dental Medicine Thesis: Effect of Different Surfaces on Implant Custom Abutments in Various Heights and Total Occlusal Convergences on Retention of Cement-Retained Crowns Advisor: Dr. Kiho Kang

Candidates for Degrees

# Dr. Sadeem Almohareb

B.D.S., King Saud University, Saudi Arabia Thesis: Effect of Chronic Alcohol Consumption on Periodontal Inflammation and Improvement by the Probiotic *Lactobacillus Reuteri* 

Advisor: Dr. Driss Zoukhri

# Dr. Suha Al-Tounsi

B.D.S., King Abdulaziz University, Saudi Arabia Thesis: Effect of Fluoride Varnish, Sealants, and Caries Infiltration in Reducing the Progression of Proximal Caries in Primary Teeth Advisors: Drs. Masly Harsono, Ronald Perry

# Dr. Thomas Blanchi

D.D.S., Université de Nice-Sophia Antipolis, France Postgraduate Certificate of Achievement in Periodontology, Tufts University School of Dental Medicine Thesis: Biofunctionalization of Titanium Implant Surfaces Advisor: Dr. Terrence Griffin

# Dr. Benjamin M. F. Chan

A.B., Bowdoin College D.M.D., Tufts University School of Dental Medicine Thesis: H9-MSC (CD73+) Characterization and Determining Its Odontogenic Potential Advisor: Dr. Jonathan Garlick

# Dr. Li-Fan Chen

D.D.S., Taipei Medical University, Taiwan Postgraduate Certificate of Achievement in Periodontology, Tufts University School of Dental Medicine Thesis: Compared Ridge Changes in Stone Casts after Ridge Preservation with Either Allograft or Xenograft Using Acellular Dermal Matrix as a Membrane: A Retrospective Study Advisor: Dr. Wai Cheung

### Dr. Rabie El Huni

B.D.S., University of Benghazi, Libya Thesis: The Effect of Different Dental Ceramic Systems on the Wear of Human Enamel: *In Vitro* Study Advisor: Dr. Roya Zandparsa

# Dr. Yahya Elzarug

B.D.S., University of Benghazi, Libya Fellowship Certificate of Achievement in Implant Dentistry, Tufts University School of Dental Medicine Thesis: An *In vitro* Comparison of the Shear Bond Strengths of Two Different Gingival Colored Materials Bonded to Commercially Pure Titanium and Acrylic Artificial Teeth Advisor: Dr. Roger Galburt

# Dr. Mardeia Hamad

B.D.S., University of Benghazi, Libya Thesis: The Effect of Micro Abrasive Surface Treatments on Fiber-Reinforced Posts Advisor: Dr. Masly Harsono

# Dr. Wagdi Alfitouri Hemali

B.S., Al-Fateh University, Libya Thesis: The Influence of Veneer Thickness and the Core Thickness Ratio on the Flexural Strength and Fracture Mode of Lithium Disilicate Advisor: Dr. Yongjeong Kim

# Dr. Michail Th. Koulianos

D.D.S., University of Athens, Greece Postgraduate Certificate in Periodontology, Tufts University School of Dental Medicine Thesis: A Comparative Study of Root Coverage between Subepithelial Connective Tissue Grafts and Dynamatrix Plus® Collagen Membrane Advisor: Dr. James Hanley

# Dr. Hisham Abdullah Mously

B.D.S., King Abdulaziz University, Saudi Arabia Postgraduate Certificate of Achievement in Prosthodontics, Tufts University School of Dental Medicine Thesis: Marginal and Internal Adaptation of All Ceramic Crown Restorations Fabricated with CAD/CAM Technology and Heat Press Technique Advisor: Dr. Hiroshi Hirayama

# Dr. Pinelopi-Kleio V. Palaska

D.M.D., Aristotle University of Thessaloniki, Greece Thesis: Safety Signal Detection of Drug-Induced Cleft Lip and/or Palate Advisor: Dr. Vassiliki Cartsos

# Dr. Olivia Peiretti-Paradisi

B.A., Tufts University D.M.D., Tufts University School of Dental Medicine Thesis: A Three-Dimensional Analysis of Upper Airway Volume and Head Posture: A Comparison of Different Skeletal Malocclusions Advisor: Dr. Noshir Mehta

### Dr. Haitham Subeihi

B.D.S., University of Benghazi, Libya Thesis: Comparison of Dimensional Accuracy of Digital Dental Models Produced from Scanned Impressions and Scanned Stone Casts Advisor: Dr. Hans-Peter Weber

### Dr. Basma Tamasas

B.D.S., University of Benghazi, Libya Thesis: The Effects of Different Concentrations of Ethyl Alcohol as Drying Agent on Pit and Fissure Sealant Treatment Advisors: Drs. Masly Harsono, Gerard Kugel

### Dr. Abeer Zletni

B.D.S., University of Benghazi, Libya Thesis: Fluoride Release and Recharge of Different Fissure Sealants with Various Fluoride Preventative Treatments Advisors: Drs. Cheen Loo, Gerard Kugel

Candidates for Degrees

# Postgraduate Certificate of Achievement Candidates

ENDODONTICS

**Dr. Farah Assadipour** B.Sc., McGill University, Canada D.M.D., Tufts University School of Dental Medicine

**Dr. David L. Baker** B.Sc., D.M.D., McGill University, Canada

**Dr. Jennifer Melissa Fong** B.S., University of California at Davis D.D.S., University of the Pacific

**Dr. Joshua Aaron Goldfein** B.S., Columbia University D.M.D., University of Pennsylvania

**Dr. Rebekah Nicole Lucier** B.S., Providence College D.M.D., Tufts University School of Dental Medicine

**Dr. Natasha Karina Mulko** B.A., Dartmouth College D.D.S., Creighton University

**Dr. Kurtis Lee Wadsworth** B.A., Lehigh University D.M.D., University of Pennsylvania

# ESTHETIC DENTISTRY FELLOWSHIP

**Dr. Somphote Angkawiriyarak** D.D.S., Chulalongkorn University, Thailand

Dr. Hashim Bajawi B.D.S., King Saud University, Saudi Arabia

**Dr. Jacinto Cano Peyro** D.D.S., Universidad Alfonso X el Sabio, Spain Postgraduate Certificate of Achievement in Periodontics and Implant Dentistry, Universidad de Sevilla, Spain

**Dr. Stephany M. Cordero Andujar** D.D.S., Universidad Nacional Pedro Henríquez Ureña, Dominican Republic

General Practice Residency—One Year

**Dr. Diran Avedis Balekian** B.A., University of California at San Diego M.S., Boston University D.M.D., Tufts University School of Dental Medicine

**Dr. Farrah Zamir Beg** B.A., University of Florida D.D.S., Virginia Commonwealth University **Dr. Marion J. Hernon** B.A., Boston University D.M.D., Tufts University School of Dental Medicine

**Dr. Ernest Edward James Holden** B.S., Quinnipiac University D.M.D., Tufts University School of Dental Medicine

General Practice Residency—Two Year

**Dr. Hitesh Gulab Tolani** B.S., Wofford College D.M.D., University of Pennsylvania

Implant Dentistry Fellowship

**Dr. Rabie El Huni** B.D.S., University of Benghazi, Libya

**Dr. Khadiga Elfallah** B.D.S., University of Benghazi, Libya

**Dr. Xueying Wu** M.D.S., Shanghai Jiaotong University, China

Oral and Maxillofacial Surgery

**Dr. Shawn Matthew Marsh** B.S., Pennsylvania State University D.M.D., Tufts University School of Dental Medicine

**Dr. Robert A. P. Reti** B.S., University of Toronto, Canada D.D.S., University of Detroit Mercy

# ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

Dr. Reem A. Alansari B.D.S., King Abdulaziz University, Saudi Arabia

**Dr. Eric W. Anderson** B.S., Brigham Young University D.M.D., Oregon Health and Science University

**Dr. Andrew M. Appel** B.S., Pennsylvania State University D.M.D., Temple University

**Dr. Benjamin M. F. Chan** A.B., Bowdoin College D.M.D., Tufts University School of Dental Medicine

**Dr. Nathan M. Fowler** B.S., University at Buffalo D.M.D., University of Pittsburgh

**Dr. Sandy Gloria Goldenberg** B.S., Florida International University D.M.D., Nova Southeastern University

Candidates for Degrees

**Dr. Shahrzad Khorashadi** B.S., University of Virginia

D.M.D., Harvard University

**Dr. Pinelopi-Kleio V. Palaska** D.M.D., Aristotle University of Thessaloniki, Greece

**Dr. Olivia Peiretti-Paradisi** B.A., Tufts University D.M.D., Tufts University School of Dental Medicine

**Dr. Renee C. Pompei-Reynolds** B.A., College of William & Mary D.D.S., Columbia University

**Dr. Kevin C. Wiseman** B.S., University of Notre Dame D.D.S., Indiana University

# Pediatric Dentistry

**Dr. Jehan Ahmed AlHumaid** B.D.S., King Abdulaziz University, Saudi Arabia D.Sc.D., Boston University

**Dr. Sarah A. AlMugairin** B.D.S., King Saud University, Saudi Arabia

**Dr. Russell Takashi Choy** B.S., University of California at Santa Barbara D.D.S., University of Southern California

**Dr. Harneet Grewal** B.D.S., Baba Farid University of Health Sciences, India D.D.S., University of California at San Francisco

**Dr. Ester Sun Kim** B.A., University of Pennyslvania D.D.S., University of Maryland, Baltimore Certificate of Achievement, General Practice Residency, Tufts University School of Dental Medicine

# Dr. Eileen Marie Saunders B.S., Bucknell University

D.M.D., Tufts University School of Dental Medicine

**Dr. Robert Yuk Lung Zee** B.D.S., Ph.D., University of Sydney, Australia M.P.H., Harvard University

# Periodontology

**Dr. Mohammed Alasqah** B.D.S., King Saud University, Saudi Arabia

**Dr. Hui-Yuan Ko** D.D.S., Taipei Medical University, Taiwan

**Dr. Maha Rahmatullah Qari** B.D.S., King Abdulaziz University, Saudi Arabia Certificate of Achievement in Craniomandibular Disorders and Orofacial Pain, Tufts University of Dental Medicine

**Dr. Anthony T. Quinta** B.S., Worcester State College D.M.D., Tufts University School of Dental Medicine

**Dr. Patrick C. Shannon** B.S., Salve Regina College D.M.D., Tufts University School of Dental Medicine

**Dr. Michael S. Weisner** B.S., Union College D.D.S., New York University

Prosthodontics

Michael Ryan Butera B.S., University of Florida D.M.D., Tufts University School of Dental Medicine

Khaled Moataz El Rafie B.S., B.S., University of Texas at Dallas D.M.D., University of Pennyslvania

**Dong-soo Hong** B.S., Virginia Commonwealth University D.M.D., Tufts University School of Dental Medicine

Holly Marie Shepherd B.A., University of Kentucky D.D.S., Stony Brook University

Jongwon Yoon D.D.S., Seoul National University, Republic of Korea

Candidates for Degrees

An Oath for the Dental Graduate

I solemnly pledge to devote my efforts to the care of my patients.

As a member of society, with special obligations, I will treat all patients without prejudice, incorporating the knowledge and skills instilled in me by my teachers.

I will practice dentistry in an ethical and professional manner.

I will hold in confidence all matters related to them.

I will not hesitate to call upon my colleagues when their knowledge and skills are needed.

I will make every effort to maintain, contribute to, and enhance the quality of the dental profession.

I will constantly keep in mind that the practice of dentistry is a true mingling of science, technology, and caring.

# Commencement 2013

80тн сомменсемент The Fletcher School of Law and Diplomacy

Order of Events

**Student and Faculty Processional** 

Greetings and Remarks	Stephen W. Bosworth, Dean
Presentation of Dean Emeritus Certificate	Presented by: David R. Harris, <i>Provost and Senior Vice President</i> Recipient: Stephen W. Bosworth
Presentation of The James L. Paddock Teaching Award	Presented by: Lulu Cheng, <i>Class of 2013</i> Recipient: Professor Carolyn Gideon
Faculty Address	Carolyn Gideon, Assistant Professor of International Communication and Technology Policy
Class Address	Hyung-Joon Kim, Class of 2013
Class Address	Valerie Ullrich, Class of 2013
Presentation of Diplomas	Stephen W. Bosworth, <i>Dean</i> Master of Laws in International Law (LL.M.) Master of Arts in Humanitarian Assistance (M.A.H.A.) Master of Arts (M.A.) Master of International Business (M.I.B.) Master of Arts in Law and Diplomacy (M.A.L.D.)
Presentation of Diplomas and Doctoral Hooding	Stephen W. Bosworth, <i>Dean</i> Peter Uvin, <i>Henry J. Leir Professor of International Humanitarian</i> <i>Studies and Academic Dean</i> Doctor of Philosophy (Ph.D.)
Closing Remarks	Stephen W. Bosworth, Dean
Faculty Recessional	Music by Gainsborough Brass Ensemble. A reception under the tent on Fletcher Field will follow the ceremony.

Candidates for Degrees

# Master of Laws in International Law

**Bogdan Ovidiu Biris** Bachelor of Laws, University of Bucharest Master of Law, University of Bucharest

Lim Tuck Choy Bachelor of Laws (Hons), The National University of Malaysia

Lillian Dang Bachelor of Commerce/Bachelor of Laws, The University of New South Wales, Australia

Tania Espinosa Sānchez Licenciada en Derecho, Universidad Iberoamericana

Andrea Gonzalez R. Bachiller en Derecho, Escuela Libre de Derecho Universidad, Costa Rica

Licenciada en Derecho, Escuela Libre de Derecho Universidad, Costa Rica

Amy Heading Bachelor of Arts/Bachelor of Laws (Hons), The University of Queensland, Australia

Devika Marica Kamp Bachelor of Laws, Universiteit Utrecht Master of Laws, Universiteit Leiden

Isabella Merabova Bachelor of Law, Moscow State Institute of International Relations

James Warren Moller A.B., Stanford University J.D., Vanderbilt University

Amanda Marie Mortwedt Oh B.S., Portland State University J.D., University of St. Thomas

Juan Carlos Portilla Jaimes Abogado, Universidad de la Sabana, Colombia Magister en Derecho, Universidad Externado de Colombia

Syed Alliya Anjum Razavi LL.B., University of Kashmir, India LL.M., University of London

Samara Yvonne Sabin Mejia Licenciada en Derecho, La Universidad Nacional Autónoma de México

Juan Alberto Salinas Macías Licenciatura en Derecho, Instituto Tecnológico y de Estudios Superiores de Occidente, México

Nicole Kenyatta Talbot B.S., Northeastern University M.A., Northeastern University J.D., Northeastern University Juan David Velasco Kerguelen

Abogado, Universidad de los Andes, Colombia Especialista en Tributación, Universidad de los Andes, Colombia Master of Laws, Boston University

Sachiyo Yanagi Bachelor of Laws, Keio University, Japan J.D., Hitotsubashi University, Japan

### Master of Arts in Humanitarian Assistance

Abderahamane Bamba B.S., Karazin Kharkiv National University M.S., Karazin Kharkiv National University

Tita Gemechu B.A., Addis Ababa University M.A., Addis Ababa University

Naomi Makau B.S., Kenyatta University

**Teresia Nyutu** B.S., Kenyatta University

Sanmugan Subramaniam B.A., University of Derby

Rachael Were B.A., Kenyatta University M.A., University of Nairobi

# Master of Arts

Vijay P. Acharya B.S., Rutgers University M.Eng., Stevens Institute of Technology

Arits Aguilar-Hertz Licenciate in Law and Political Sciences, Universidad de Panamá LL.M., Tulane University

Enrique Alanis\* Licenciado en Economia, ITESM Maestro en Comercio Electronico, ITESM

Juan Antonio Arce Ordeig Licenciatura, Instituto Tecnológico Autónomo de México

**Guilherme Athia** Administração de Empresas, Pontifícia Universidad Católica de São Paulo Pós-Graduação em Marketing, Escola Superior de Propaganda e Marketing

Adonia Ayebare\* B.A., Makerere University, Uganda M.A., Long Island University

Candidates for Degrees

Almaz Baishygashev Diploma, Kazakh State University Bachelor in Jurisprudence, International Kazakh-Turkish University

Mumtaz Zahra Baloch Bachelor of Science, University of the Punjab, Pakistan Master of Science, University of the Punjab, Pakistan

**Federico Bellone** M.S., University of London

Kevin Donald Bremer B.A., American Military University

Cody Harlan Brown B.S., United States Military Academy

Laura Catherine Burns B.A., Dickinson College

Armond Caglar B.A., University of New Hampshire

Leah M. Cherne B.A., Fordham University

Morio Chijiiwa Bachelor of Laws, Keio University, Japan

Dana Andreea Costache Diploma de Licenta, Universitatea din Bucuresti Diploma de Master, Universitatea din Bucuresti

Thomas Layton Croft A.B., University of North Carolina at Chapel Hill

**Philip Daniel Cushman** B.S., The Citadel

Rui Ding Bachelor of Economics, China Foreign Affairs University

**Richard James Dorn** B.S., University of Maryland

Brian L. Dorsey B.S., University of South Carolina

Tjark Marten Egenhoff Diplom, Universität Passau, Germany Master of European Studies, Humboldt-Universität zu Berlin

Florence Ensch B.A., Trinity College, Dublin M.A., College of Europe

Melissa C. Freitag A.B., Smith College A.M., Brown University

Andrew Scott Gordon\* B.A., Fordham University Cameron L. Grams B.S., University of Wisconsin–Madison

Johanna Isabel Gutierrez Winters\* B.S., Florida Atlantic University B.A., Florida Atlantic University M.A., Florida International University

Marcus A. Hinckley B.A., Cleveland State University

Ayna Hudayverenova\* Diploma, Turkmen State University, Turkmenistan

Sol Dorotea Rosales Iglesias Bachelor of Arts, University of the Philippines Master of Social Sciences, National University of Singapore

**Pari Dileep Jhaveri\*** B.A., University of Mumbai

**Greg R. Johnson** B.S., Utah Valley University M.B.A., Naval Postgraduate School

Michael Christopher Jones B.S., United States Military Academy

Sousa A. Jossai\*\*\* Master of Science, Moscow State Institute of Steel and Alloys

Sachiko Kamidohzono Bachelor of Intercultural Studies, Kobe University, Japan

Vassilis N. Katakalidis Degree in Law, Aristotle University of Thessaloniki

**Derreck Kayongo** B.A., Messiah College

Alexandros Christoforos Kazanis Diploma, Aristotle University of Thessaloniki M.B.A., University of Macedonia

**Tina Konjic** B.A., Wright State University

**Evangelia Konstantara** Degree in Law, Aristotle University of Thessaloniki Postgraduate Degree, Aristotle University of Thessaloniki

Wilbert Arlington Lee Diploma, University of Guyana Degree, University of Guyana M.A., National Defense University

Benson Lim Bachelor of Accountancy, Nanyang Technological University, Singapore

Alexander Stewart Lorimer\* LL.B., The Flinders University of South Australia B.Com., The Flinders University of South Australia

Candidates for Degrees

Siobhan M. MacDermott B.A., Temple University M.B.A., Thunderbird School of Global Management

Akjemal S. Magtymova M.D., Turkmen State Medical Institute, Turkmenistan M.Sc., London School of Hygiene and Tropical Medicine

Anshuman Sanjeev Mainkar B.S., Jawaharlal Nehru University, India

**Eric Redpath Mehler** B.A., University of Washington

Viktorija Meikšāne\* B.S., Rigas Ekonomikas Augstskola, Latvia

Nadja Kirilova Milanova\* Diploma, Sofia University "St. Kliment Ohridski," Bulgaria

Alan Lee Miller B.S., Pennsylvania State University

Irina Mkrtchyan\* Diploma, Yerevan State Linguistic University, Armenia

Brendan Alexander Moffitt Graduate Diploma of Dramatic Art in Directing, The National Institute of Dramatic Art, Australia

**Dalia Ibrahim Mohamed Ali\*** B.A., Ain Shams University

Mark Lorin Mullinix\* B.A., University of Kansas

Haykaram Nahapetyan\* Diploma, Yerevan State University, Armenia

Alonzo Aldrich Neese III B.S., United States Naval Academy

Julianna Nielsen B.A., University of Southern Maine M.A., Middlebury College

Monica J. Nunan\* B.A., Seattle Pacific University

Ifeoma Rosemund Ojemeni Okali\* LL.B., University of Nigeria

William Frederick Parmentier II\* B.S., United States Naval Academy M.A., Boğaziçi University, Turkey

**Blasco Peñaherrera Solah** B.B.A., Atlantic International University M.B.A., Atlantic International University

Janet Janelle Phillips\* B. Arch., Virginia Polytechinical Institute and State University

Jacquelyn Pinat B.S., University of the Philippines **Carol A. Quintero** B.A., Minnesota State University, Mankato M.B.A., St. Ambrose University

Pablo E. Rabczuk\* B.S., Florida Atlantic University B.A., Florida Atlantic University

Sunil Raman B.A., Kirori Mal College, University of Delhi

Ursula Amanda Rojas Weiser\* Licenciada, Universidad Iberoamericana

**Todd Edward Romaine** B.A., University of Northern British Columbia B.S., University of Northern British Columbia M.A., University of Guelph, Canada

Ian Henry Rosenberger\*\*\* A.B., Cornell University

**Dominic Marc Scola** B.S., United States Military Academy M.S., Georgia Institute of Technology

Luke Michael Sebby\* B.S., Drexel University

Mohammad Hassan Shamin\*\*\* B.S., Purdue University

Nirav Narendra Sheth B.S., University of Alabama at Birmingham

Young Yung Shin\* B.A., Inha University, South Korea M.A., Inha University, South Korea

Christopher M. Socha B.A., Miami University

Kendra Irian Spangler B.A., State University of New York at Albany

Scott C. Stanford B.A., University of Texas at Austin

**Richard William Stickley Jr.** B.S., United States Coast Guard Academy M.A., California State University, Sacramento

Elenice Tiemi Tamashiro Bacharel em Administração, Fundação Getulio Vargas, Brazil

Ronald Daniel Thompson\* B.A., American Military University

Radoslav Totchev Diplôme d'Administration Publique, École Nationale d'Administration, France

Candidates for Degrees

Peter Thomas Traynor B.B.A., University of Massachusetts Amherst M.S., Bentley College

**Robert Emerson Tuttle** B.A., Middlebury College

Isabelle Ferd Waffubwa\* LL.B., University of Nairobi M.A., Universities of Fort Hare and Zimbabwe

**Deborah Weaver**\* A.B., Elon University M.A., Naval War College

Choo Sin Wong Bachelor of Communication Studies (Hons), Nanyang Technological University, Singapore

Yoshitaka Yamamuro Bachelor of Agriculture, University of Tokyo

Xiandeng Yi Bachelor's Degree in Arts, Beijing Foreign Studies University

**Michael David Zucker** B.A., Assumption College

### Master of International Business

Juan Sebastian Abad B.A., Universidad San Francisco de Quito

Jose Ramon Armenta Bachelor of Law, Universidad Iberoamericana

Hidemi Bessho B.A., Waseda University

Kanishk Bishnoi B. Computing, The National University of Singapore

**Justin Lyon Ettinger** B.A., Wake Forest University

Margaret C. Fitzgerald B.A., Tufts University

Anne S. Fricker B.A., Tufts University

Artavazd Hakobyan Diploma, Armenian Agricultural Academy M.S., Auburn University

Denisse Margot Hamard Avila Ingeniero de Producción, Universidad Simón Bolivar

Christopher Hornor Hickey A.B., Bowdoin College

**Tanya A. Hoke** B.A., Swarthmore College Ariel Rose Jahner B.A./B.S., American University

Morgan Chancy Lerette B.S., Northern Arizona University

James Andrew Liddell B.A., Bates College

Ahmed Sheraz Malik B.Sc., Lahore University of Management Sciences

Violet Davidzo Midzi B.B.S., University of Cape Town

**Jaya Movva** B.S., University at Buffalo

Maki Nakata B.A., International Christian University

**Brian James O'Donnell** B.A., University of Notre Dame

Heidi Ann Packard B.A., Colby College

Shashank Pasrija B.Tech., Kurukshetra University

Prateek Prasad B.Tech., Indian Institute of Technology Guwahati

Sumbul Afreen Razi B.S., Bentley University

Michael Louis Reading B.A., St. Olaf College

Nicholas Adams Roose B.A., Skidmore College

Sarah A. Ryan B.A., Boston University

Michael Jen Schlauch B.A., Northwestern University

Olga Voloshenyuk Tansil B.B.A., Middle Tennessee State University

Marina Vasilyeva B.A., St. Petersburg State University

Elliot Richard Vilders B.A., University of Michigan-Ann Arbor

Nicolás Villar Díaz Licenciado, Universidad Complutense de Madrid

Wai Yin Wong A.B., Cornell University

Benjamin B. Younkman B.A., University of California at Santa Barbara

Candidates for Degrees

# Master of Arts in Law and Diplomacy

**Ralph Vincent C. Abarquez** A.B., Ateneo de Manila University

Artin Afkhami B.A., University of California at Berkeley

Ernesto Aguilar Escobar Licenciado, Universidad Iberoamericana

Takuya Akiyama Bachelor's, University of Tokyo

Massab Al-Aloosy B.A., Michigan State University

**Mohannad Tareq Al-Suwaidan** Bachelor Degree, Kuwait University M.A., Boston University

**Ontira Amatavivat** B.A., Chulalongkorn University, Thailand

**Guktae An** B.A., Tufts University

Neha Ansari B.A. (Hons), University of Karachi, Pakistan M.A., University of Karachi, Pakistan

Themistoklis Iordanis Asthenidis LL.B., Aristotle University of Thessaloniki LL.M., Aristotle University of Thessaloniki

Kirk Christian Bansak A.B., Harvard University

**Beaudre D. Barnes** B.A., Lewis & Clark College

Anna Patricia Barrett A.B., Dartmouth College

Amogh Basavaraj B.A., LL.B. (Hons), National Law School of India University, Bangalore

Juliana Bedoya Carmona Titulo Profesional, Universidad Externado de Colombia

Mario J. Beltrán Mainero Licenciado en Derecho, Universidad Panamericana

**Tal Yedidya Bendor** B.A., The Ohio State University

Natalya Berenshteyn B.A., University of California at Los Angeles

**Jocelyn Mia Berger** B.A., Brandeis University Jasmine Bhatia B.A./B.F.A., University of Calgary M.Sc., London School of Economics and Political Science

**Cara Youell Bidwell** B.A., Northeastern University

Maliheh Birjandi-Feriz B.Sc., B.Sc., Sharif University of Technology

Lilia Ivova Bliznashka B.S., Georgetown University

Elia Giacomo Boggia B.A., University of California at Santa Barbara

Natalie Joyce Bowlus B.A., Swarthmore College

Albert Buixadé Farré Licenciado, Universitat Internacional de Catalunya

**John James Burgeson** B.A., Colorado College

**Oscar Camargo** B.A., Northeastern University

Jennifer Alexis Anne-Marie Causton B.A., McGill University

Halley Berman Chambers B.A., Wesleyan University

Natalie Lu-Ann Chang B.A., Stanford University

**Ding Chen** B.A., Tufts University

Lulu Cheng B.A., Yale University

**Emily Rebekah Chessin** B.A., Gettysburg College

Hillary Ann Stoddart Clifford B.A., Smith College

Noah Cohen-Cline B.A., University of California at Berkeley

Katherine Elizabeth Conway-Gaffney B.A., Tufts University

Jose Antonio Coto García Licenciatura, Instituto Tecnológico Autónomo de México

Paolo L. Cozzi\* B.A., Vassar College

John Mark Crowley\* B.A., Tufts University

Candidates for Degrees

Lisa J. De Bode Bachelor of Business Economics, Katholieke Universiteit Leuven Master of Business Economics, Katholieke Universiteit Leuven

Jessica Dedic B.A., Universität Münster

Mark David Deming B.A., Assumption College

Karoun Anoush Demirjian\* A.B., Harvard University

Sarah Michelle Detzner B.A., Macalester College

**Bernardo Alberto Diaz** B.S., Wake Forest University

Mariana Diaz Kraus Diploma, Universidad de Los Andes, Colombia Abogado, Universidad de Los Andes, Colombia Magister, Universidad de Los Andes, Colombia

**Brianna Yvonne Dieter** B.A., Smith College

**Lisa Anne DiPangrazio** B.A., Occidental College

Audrey Elom Donkor B.S., University of Ghana

Claire Elizabeth Duffett B.A., Syracuse University

Shuvam Dutta B.S., Singapore Management University

George Mitchell Eckel IV B.A., Colby College

Alexander Nash Ely B.A., College of William & Mary

Gizem Erdem\* Bachelor of Arts in Public Finance, Ankara University, Turkey

**Emilie Falguières** Licence en Droit, Université de Pau et des Pays de L'Adour Le Master, Université Pierre-Mendès-France

Loghman Mariwan Fattahi B.S., Georgetown University

Andrew Isaac Feinstein A.B., Brown University

Katherine Grace Ferrari A.B., Harvard University

**Geoffrey Thomas Finger** B.A., Reed College Hana Franková Master of Law, Charles University in Prague

Jacob Andrew Fromer B.A., Tufts University

Frederic L. Ganner\*\*\* Magister Artium, Ruprecht-Karls-Universität Heidelberg, Germany

Ana Garcia Licenciada, Universidad Complutense de Madrid

Adam Stone Gardner B.A., University of Massachusetts Amherst

Elise Anna Garvey B.A., Canisius College

Sachin Gaur B.E., Dehradun Institute of Technology, India

Jason Samuel Gelbort A.B., Brown University

Kathryn Lynn Genereux B.A., University of Wisconsin–Madison

Leonard Ghione Ref. Jur., Ruprecht-Karls-Universität Heidelberg, Germany

**Patrick James Gilmartin** B.A., Macalester College

**Emily Yates Ginsberg** A.B., Washington University in St. Louis

**Dana Rose Goldman** B.A., Georgetown University

**Bernardo Goriupp** Laurea, Università di Firenze

Michael Howard Graham B.A., Lewis & Clark College

Leah Frances Greenberg B.A., Carleton College

Anubhav Gupta B.A., Northwestern University

Varun Hallikeri\* B.A./LL.B., National Law School of India University, Bangalore

Elizabeth Henry B.A., Middlebury College M.A., Middlebury College

Alejandra Hernández Nájera Licenciatura, Instituto Tecnológico Autónomo de México

**Felix Hofmann** B.A., University of Passau

Candidates for Degrees

**Casey King Hogle** B.A., Carleton College

Miwa Ichijo Bachelor of Agriculture, University of Tokyo

Jelmer David Ikink B.Sc., Erasmus University Rotterdam

Atu Yudhistira Indarto Sarjana Sosial, Universitas Indonesia

Natalia Izergina B.A., Hunter College of the City University of New York

Yasodara Aruni Jayakody B.A., University of Queensland, Australia LL.B., University of Queensland, Australia

Veronica Jubera Maldonado Diplôme de Esc de Grenoble, Grenoble Ecole de Management

Patrick Kabanda B.Mus., Juilliard School M.Mus., Juilliard School

Sophie B. Kaiser B.A., University of Michigan-Ann Arbor

**Inguss Kalniņš** Diploma, University of Latvia Masters, University of Latvia

**Panagiota Kaltsa** Graduate, University of the Aegean

**Sooyeon Natasha Kang** A.B., Dartmouth College

Tallash Nailandei Kantai B.A., United States International University-Africa

Sasha Gayatri Kapadia B.A., New York University

Alexander Kaz B.A., Columbia University

Jennifer Elizabeth Keene B.A., College of William & Mary

Nathan Walter Kennedy B.A., Carleton College

**Dinar Dana Kharisma** Sarjana Ekonomi, Universitas Indonesia

**Hyung Joon Kim** B.A., Sogang University

Lami Kim B.A., Hankuk University of Foreign Studies, South Korea A.M., Harvard University Shinhee Gladys Kim B.Mus./M.Mus., Oberlin Conservatory of Music

Ashley Danielle Kinsey B.A., University of South Florida

**Reid Matthias Koester** B.A., Carleton College

Katherine Elizabeth Koleski B.A., Colby College

Daisuke Komatsu Bachelor of Maritime Safety, Japan Coast Guard Academy

Bonnie S. Kovatch B.A., Siena College

Jamie Ilana Kraut B.A., Tufts University

Hanako Kurosawa B.A., Tokyo University of Foreign Studies

Kenyon Elizabeth Laing B.A., Hamilton College

Jacqueline A. Lehmann B.A., Universität St. Gallen

Paula Lekanda Laban Licenciada, Pontificia Universidad Católica de Chile Licenciada, Pontificia Universidad Católica de Chile

Julia A. Lindau B.A., Tufts University

**Jing Ling Liu** B.A., Middlebury College

Marloucha Louina B.A., Boston University

Maciej Jan Luczywo B.A., Baruch College

Elspeth Alexandra Macdonald B.A., University of Sheffield

Colin Vilas Mahoney A.B., Brown University

Julia Summers Marion B.A., College of William & Mary

Maria Elena Martinez Murillo Cuervo Licenciatura, Instituto Tecnológico Autónomo de México

**Ray Matsumiya** B.A., Wesleyan University

Max W. Mattern B.A., University of Arizona

Candidates for Degrees

**Bretton James McEvoy** A.B., Bowdoin College

**Elizabeth Marie Mengesha** A.B., Bowdoin College

**Amila Merdžanović** B.A., Mount Holyoke College

Joshua R. Meservey B.A., Eastern University

Shelton Douglas Metcalf B.A., University of North Carolina at Chapel Hill

Sarah Marie Miano B.A., University of Virginia

Mallory Elizabeth Minter B.A., University of North Carolina at Chapel Hill

Narindra Bikka Mitya Sarjana, Parahyangan Catholic University

Andrea Molina Brunner Bachelor of Science, Colegio de Estudios Superiores de Administración M.B.A., IE Business School, Spain

**Stephen L. Monroe** B.A., Stanford University

**Cosimo Lazzaro Mortola**\*\*\* B.A., State University of New York at Geneseo

Anne Moulakis B.S., Georgetown University M.A., King's College London

Jacqueline Maria Mulders B.Ed., HAN University of Applied Sciences

Brennan Michael Mullaney B.S., United States Military Academy

**David M. A. Murphy** B.A., State University of New York at Geneseo

Kyle Andrew Muther M.A. (Hons), University of St Andrews

**Tomohiro Nagasaki** B.A., International Christian University

Yoshinori Nagashima LL.B., Keio University

**Blake Mariappa Narendra** B.A., Colorado College

Abaceen Nasimi M.D., Kabul Medical University Beatriz Navarro Ochoa Licenciatura, Instituto Tecnológico Autónomo de México

**Fumiko Nishihara** LL.B., University of Tokyo

**Tenzin Norgay** B.A., University of Delhi M.A., Maharaja Sayajirao University of Baroda

Kelly Christine O'Donnell B.A., Marquette University

Sybil Ottenstein Bachelor of Arts, Interdisciplinary Center Herzliya

David Jinki Park B.A., University of California at Berkeley M.P.A., The University of Oklahoma

Rachael Nguyen Parrish B.A., Furman University

Mario Patino B.A., The City College of New York

Annie Micaela Paulson B.A., Brown University

Micah Gabriel Peckarsky B.A., McGill University

Mollie Elizabeth Pepper B.A., Sarah Lawrence College

Jane Frances Phelan B.A., Colgate University

Katie Plathonoff Maîtrise, Université Paris 1–Panthéon–Sorbonne

John Pollock B.A., University of Notre Dame

Lesley Jeanne Pories B.A., Emory University

**Cameron McChesney Pratt**\*\*\* B.A., Hobart College

**Claire Sophie Putzeys** B.A., Colgate University

Fahmina Rahman B.Sc., London School of Economics and Political Science

Phoebe Randel B.A., University of Wisconsin–Madison

**Priya Raychaudhuri** B.A., Carleton University

**Rebecca Louise Richards** B.A., Eckerd College

Candidates for Degrees

Nachama Tirtza Rosen B.A., Barnard College

James Rosenberg B.A., Earlham College

Yerevan Adham Saeed B.A., University of Texas at Austin

Maureen Bressen Sarewitz B.A., University of Washington M.B.A., Tuck School of Business at Dartmouth

**Pia Sawhney** B.A., Bryn Mawr College M.S., New York University

Hannah Ivy Schiff B.A., Brown University

Leila Seradj B.A., University of California at Los Angeles

Nari Shim B.A., Seoul National University

Margot Anna Shorey B.A., Northwestern University

**Cecilia Fany Sibony** B.A., Colgate University

**Emily Turner Simon** A.B., Harvard University

Joseph Judah Simons B.A., McGill University

Nadja Škaljić Diplomirani Pravnik, University of Sarajevo, Faculty of Law

**Brooke Margaret Kerrigan Smith** B.A., Middlebury College

Michael Ryan Snyder B.A., Tufts University

Mariana d'Abreu e Souza B.A., University of Connecticut

Katrina Augusta Perkins Stanislaw M.A. (Hons), University of St Andrews

Nathan Robert Stell B.A., Hamilton College

Aaron Michael Steppe B.S./B.A., Michigan State University

Arun Mohan Sukumar B.A., LL.B. (Hons), NALSAR University of Law

Anissa Talantikite B.A., University of Massachusetts Amherst Jonathan G. H. Torn B.A., McGill University

Elisabeth-Anne Vogelsang Treseder B.A., Duke University

Albert Trithart B.A., Hamilton College

Daniel Martin Trusilo B.S., United States Military Academy, West Point

Valerie L. Ullrich B.A., Middlebury College

Sandra C. Urquiza B.A., University of Massachusetts Amherst

Alessandra Valconi B.A., Occidental College

**Ian Gerard van Son** B.A., Dickinson College

Luiz Guilherme Cintra Vieira Diploma, Fundação Armando Alvares Penteado

Katherine Paula Walsh B.A., University of California at Santa Cruz

**Anne Netherton Wanlund** B.A., College of William & Mary

**Tea Ward** B.B.S., University of Primorska, Slovenia

**Timothy Michael Whitteaker** B.A., College of William & Mary

**Stefan Richard Wirth** B.A., University of Delaware

Mari Kenton Wright B.A., Bates College

**Richard Charles Wright** B.S., Yale University

Yumiko Yamada Bachelor of Arts, Tokyo University of Foreign Studies

**Elizabeth S. Yepsen** A.B., Dartmouth College

Seojun Yoon B.A., Hankuk University of Foreign Studies, Republic of Korea

Mohammad Naser Yousofzay B.A., Nangarhar University

**Jiefei Yuan** B.A., Wellesley College

### The Fletcher School of Law and Diplomacy

Candidates for Degrees

### Doctor of Philosophy

Hamad H. Albloshi\*\*\* Bachelor, Kuwait University M.A.L.D., The Fletcher School of Law and Diplomacy Dissertation: The Iranian Revolution and the Discourse of the Hardline Conservatives: A Critical Analysis

### David Ethan Corbin

A.B., Bowdoin College Maitrise, Université Paris-Sorbonne M.A.L.D., The Fletcher School of Law and Diplomacy Dissertation: Allies, Agents, and Proxies? Hierarchy and the Costs of State-Armed Group Alignment: A Case Study of Syria, 1963–2010

### Erik M. Iverson

B.S., Georgetown University M.A.L.D., The Fletcher School of Law and Diplomacy Dissertation: Networked Resilience: Achieving Inter-organizational and Intergovernmental Collaboration

### Kei Koga\*

B.A., Lewis & Clark College M.A., The George Washington University Dissertation: Transformation of Security-Oriented Institutions: The Cases of ASEAN, ECOWAS, and OAU/AU

### Abigail Thompson Linnington\*\*\*

B.S., United States Military Academy, West Point M.A.L.D., The Fletcher School of Law and Diplomacy Dissertation: Unconventional Warfare in U.S. Foreign Policy: U.S. Support of Insurgencies in Afghanistan, Nicaragua, and Iraq from 1979–2001

### James Edward Platte\*\*\*

B.S., University of Michigan M.S., University of Michigan M.A., The George Washington University Dissertation: National Decision Making and Nuclear Fuel Cycles: An Analysis of Influences

### Courtney Jane Richardson\*

B.Sc., London School of Economics and Political Science M.A., The George Washington University Dissertation: The Chinese Mirror Has Two Faces? Understanding China's United Nations Peacekeeping Participation

### Alison Shirin Lawlor Russell\*

B.A., Boston College M.A., American University Dissertation: Cyber Blockades: Towards a Theory of Informational Warfare in the Digital Era

### Troy Allan Schnack\*

B.S., United States Military Academy, West Point M.A.L.D., The Fletcher School of Law and Diplomacy Dissertation: War and Voluntary Military Service: Exploring the Relationship Between Opinion Regarding War and Regular Army Enlistment and Retention, 2000–2007

### **Elizabeth Howland Stites**

B.A., Wesleyan University M.A., University of Cape Town M.A.L.D., The Fletcher School of Law and Diplomacy Dissertation: Identity Reconfigured: Karimojong Male Youth, Violence, and Livelihoods

### Bapu Vaitla\*

B.A., University of California at Davis M.S., University of California at Davis Dissertation: How Good Change Happens: The Political Economy of Child Nutrition

### Christopher Fitzgerald Wrenn\*

B.A., North Carolina State University M.P.A., Harvard University M.M.O.A.S., Air University Dissertation: Strategic Cyber Deterrence

# Commencement 2013

31st сомменсемент Cummings School of Veterinary Medicine

## **Cummings School of Veterinary Medicine** Order of Events

Musical Prelude	Symphonic Brass Quartet	
Processional		
Greetings and Remarks	Deborah T. Kochevar, D.V.M., Ph.D., <i>Dean</i>	
	David R. Harris, Ph.D., Provost and Senior Vice President	
	John H. de Jong, D.V.M., V85, University Trustee and Member of the Board of Advisors for Veterinary Medicine	
	Hugh R. Roome III, B.A., A74, M.A., G74, M.A.L.D., F77, Ph.D., F80, University Trustee and Member of the Board of Advisors for Veterinary Medicine	
Introduction of Dignitaries and Distinguished Guests	Dean Kochevar	
Faculty Address	Ray Kudej, D.V.M., Ph.D., Associate Professor of Clinical Sciences	
Class Address	Falon Gray, Class of 2013	
Class Gift	Stacey Halse, President, Class of 2013	
Presentation of Awards	Presented by: Dean Kochevar Henry E. Childers, D.V.M., Award Recipient: David Schwarz, D.V.M., Ashland Animal Hospital, Ashland, MA	
	ARTEMIS AWARD FOR CLINICAL EXCELLENCE Recipient: Orla M. Mahony, M.V.B., R94, <i>Clinical Assistant Professor of Clinical Sciences</i>	
	ZOETIS DISTINGUISHED VETERINARY TEACHER AWARD Recipient: Sandra L. Ayres, D.V.M., V93, <i>Assistant Professor of Biomedical Sciences</i>	
	ZOETIS AWARD FOR VETERINARY RESEARCH EXCELLENCE Recipient: Sam R. Telford III, S.D., <i>Professor of Infectious Disease and Global Health</i>	
Presentation of Diplomas and	Dean Kochevar	
Hooding of Graduates	M. Sawkat Anwer, D.M.V.H., Ph.D., Distinguished Professor of Biomedical Sciences	
	Sandra L. Ayres, D.V.M., V93, Assistant Professor of Biomedical Sciences	
	Robert S. Bridges, Ph.D., Professor of Biomedical Sciences; Professor of Neuroscience and Psychiatry, Tufts University School of Medicine	
	Joann M. Lindenmayer, D.V.M., V85, M.P.H., Associate Professor of Infectious Disease and Global Health	
	Alison H. Robbins, D.V.M., V92, Research Assistant Professor of Infectious Disease and Global Health	
	Linda A. Ross, D.V.M., Associate Professor of Clinical Sciences	
	Allen T. Rutberg, Ph.D., Research Assistant Professor of Biomedical Sciences	
	Charles B. Shoemaker, Ph.D., Professor of Infectious Disease and Global Health	
	Lois A. Wetmore, D.V.M, S.D., Assistant Professor of Clinical Sciences	
	Kate Beckett, Graduate Program Manager	
	Sandra Gatley, Assistant Registrar	
Administration of the Veterinarian's Oath	Kathy Reilly, D.V.M., President, Massachusetts Veterinary Medical Association	
Closing Remarks	Dean Kochevar	
Recessional	Reception for Graduates and Guests	

Candidates for Degrees

### Doctor of Veterinary Medicine

Michael Anderson B.S., University of New Hampshire

Cathryn Bedard† B.S., Worcester Polytechnic Institute M.E., Worcester Polytechnic Institute

Melissa Bisesi B.A., Northeastern University

Alison Marie Borek B.S., Lake Erie College

Kate Elizabeth Breen B.S., University of Massachusetts Amherst

**Brooke Terese Bricen** B.S., New York University

**Heidi M. Arsenault Broadley** B.A., Rivier College

Sarah Elizabeth Bronko† B.S., Georgetown University

**Ian James Brooks** B.A., New College of Florida

Jessica Mary Sanchez Brown B.A., University of Rhode Island

Heather Ann Burkart B.S., Worcester Polytechnic Institute

Monika Alida Burns† B.A., Tufts University

Elizabeth Theresa Carbone<sup>†</sup> B.S., University of California at Berkeley

Kara N. Carvalho B.S., Trinity College

Kerriann M. Casey† B.A., Connecticut College

**Bronwen Alice Childs** B.S., Cornell University

Acelyn D. Colella† B.S., University of New Hampshire

Catherine Crecraft B.A., New York University

Heather Darrow Crispell B.S., Saint Michael's College

Ashleigh R. Crowell B.A., Wellesley College

Melissa Anne Doolin B.S., Eastern Michigan University Alexis Dubin<sup>†</sup> B.A., University of California at Berkeley

Jessica L. Duncan B.S., Stonehill College

Lucy A. Eaton B.S., Marist College

Andreas Eleftheriou† B.A., Boston University M.S., University of Massachusetts Lowell

Nahvid M. Etedali† B.S., Tufts University

Ariel Brooke Fagen B.A., Wesleyan University

Anne M. Fleming† B.A., Dartmouth College M.B.A., Duke University

Mariah Nicole Foose B.S., University of Arizona

**Emily Ann Franquin**<sup>†</sup> B.A., Barnard College

**Douglas John French** B.A., University of Colorado at Boulder

Daniela Gilbert B.A., Bard College

**Taylor Nicole Goldberg** B.S., State University of New York at Albany

Suzannah Caroline Gottlieb B.S., Cornell University

**Falon Donna Gray** B.S., Howard University

William Scott Hall B.S., University of Massachusetts Boston

**Stacey Halse** B.S., University of Florida

Natalie J. Heininger<sup>†</sup> A.B., Princeton University

**Katherine M. Holmes** B.S., Wayne State University

Darcy Hutchinson B.A., Boston University

Jessica Marie Izzi B.S., Providence College M.L.A.S., Drexel University

Luke Jandreski B.S., Framingham State University

Candidates for Degrees

Laura E. Jaworski B.S., University of Massachusetts Amherst

**Robin Woocher Karfunkel** B.A., Bates College

Jay Abraham Katz B.A., Boston University

Matthew Katz B.S.B.A., Washington University in St. Louis

**Denise A. Kelley** B.S., American University

**Shannon C. Kircher** B.S., University of Arizona

Valerie Amanda Koenig B.S., University of Vermont

Lauren Michelle Krone† B.S., University of Maryland

Jonathan Kuo B.A., University of Maryland B.S., University of Maryland

**Rebecca Lambe** B.A., Tufts University

Patrick B. Landers B.A., Tufts University J.D., Boston College

Kristina A. Lang<sup>†</sup> B.A., University of California at San Diego M.S., University of Wisconsin–Madison

Katie Lee B.S., Union College

Dawn Lenihan B.S., University of Delaware

Amanda Marie Lincoln B.S., University of Massachusetts Amherst

Jana Emily Mazor-Thomas B.A., Macalester College

Lindsay R. McAuliffe B.S., Villanova University

Shannon Grace McCook† B.A., Boston University M.P.H., Johns Hopkins University

Alexis Messler B.A., Clark University M.A., Clark University

Kathryn McCallum Moore† B.S., Bates College

Jennifer Lynne Morris B.S., University of Massachusetts Amherst **Cecilia Whitney Murch** B.S., Denison University

Sean William Nash B.A., Skidmore College

Kolleen M. Nellett† B.A., Oberlin College

Lori Michelle Newman B.S., Brown University M.A., University of California at San Diego

Lindsay Nussbaum B.A., Wesleyan University

Morgan E. Oexner B.S., Worcester Polytechnic Institute

Wendy K. Parkis† A.B., Mount Holyoke College

Keiko Yamakoshi Petrosky B.A., Rice University Ph.D., University of California at San Francisco

Kathleen Marie Ponzetti B.S., Worcester Polytechnic Institute

Lori Prantil B.A., Dickinson College M.P.S., Cornell University

Jennifer Lauren Quiñones B.S., University of Massachusetts Amherst

**Rebecca C. Tanaka Reader**† B.A., Wesleyan University

Jennifer Riley B.S., Cornell University

Alexander Crown Robb<sup>†</sup> B.A., Brown University

Daniel Rothbart B.S., University of Massachusetts Amherst

Kristin Marie Smith† B.A., Wesleyan University

Jeana L. Stanisci B.A., Tufts University

**Casey Gibbons Tucker** B.A., Johns Hopkins University M.S., University of Adelaide, Australia

**Supachai Tuntithavorn** B.S., Montclair State University

Aimee Vasse B.A., Williams College

Yvonne Laurence Wakim† B.S., Suffolk University

Melissa Kai-Shuen Yu A.B., Washington University in St. Louis

Candidates for Degrees

### Doctor of Veterinary Medicine and Master of Science in Comparative Biomedical Sciences

### **Bronwen Alice Childs**

Thesis: 3-D Motion Analysis of the Equine Fetlock Joint: A Novel Imaging Modality and Its Application in the Evaluation of Protective Leg-Wear Advisor: Carl A. Kirker-Head, Vet. M.B.

Advisor: Carl A. Kirker-Head, Vet. M.

Jana Emily Mazor-Thomas Thesis: Bench and Behavior: Two Non-Invasive Techniques for Investigating Pain and Analgesia in Red-Tailed Hawks Advisor: Florina S. Tseng, D.V.M.

### Master of Science in Comparative Biomedical Sciences\*

### Sean Bradford Majoy, D.V.M., V06, R12

Thesis: Platelet Activation in a Hospitalized Population of Critically-Ill Dogs as Measured by Whole Blood Flow Cytometry, Thromboelastography, and Platelet Aggregometry Advisor: Armelle de Laforcade, D.V.M., V97

### Doctor of Veterinary Medicine and Master of Science in Laboratory Animal Medicine

Elizabeth Theresa Carbone Katie Lee Morgan E. Oexner

Cecilia Whitney Murch

**Doctor of Veterinary Medicine and Master of Public Health** Anne M. Fleming Emily Ann Franquin Lauren Michelle Krone

### Master of Science in Animals and Public Policy

Whitney Alexandra Allen\*\*\* B.S., Michigan State University

Valerie Anne Wyman Benka\* B.A., Middlebury College M.S., University of Michigan-Ann Arbor M.P.P., University of Michigan-Ann Arbor

Gabrielle Bright\*\* B.A., University of California at Santa Barbara

Heather Howle Dry B.S., College of Charleston

Nina Kathleen Farley\* B.S., Boston College

**Carin Ferdowsian** B.F.A., University of Oklahoma

Susan Flower Getty\*\*\* B.A., University of San Francisco Emily Kathleen Garvan Lines B.S., University of Vermont

Kate Danielle McPherson\*\*\* B.S., University of Maine

Jessica Salend Pynoos\*\*\* B.A., Tufts University

Hilary Quist B.S., University of California, Merced

Melissa Rothstein\*\*\* B.A., University of Maryland

**Taylor Eugenia Elizabeth Shire\*\*\*** B.S., Iowa State University M.A., Iowa State University

### Master of Science in Conservation Medicine

**Christine Victoria Avena**\*\*\* B.A., Colby College

Paula Andrea Castaño Jimenez\* M.V.Z., Universidad Nacional de Colombia, Colombia

Jeanne Lois Coffin\* B.A., Macalester College

Luz Aura de Wit Ostos\*\* M.V.Z., Universidad Nacional Autónoma de México, México

Kelly Marie Donithan\*\*\* B.S., University of Arizona

Meghan A. Hartwick\*\*\* B.F.A., New York University

Jordan Scott Mencher\* B.Sc., Dalhousie University, Canada M.S., University of Washington D.V.M., Tufts University

### Doctor of Philosophy

#### Rita Bhardwaj\*\*

B.S., CSK Himachal Pradesh Agricultural University, India M.S., CSK Himachal Pradesh Agricultural University, India Dissertation: Characterization of Three Tegumental Ectoenzymes of *Schistosoma mansoni*: Alkaline Phosphatase (SmAP), Phosphodiesterase (SmNPP-5), and ATP-diphosphohydrolase1 (SmATPdase1) Advisor: Patrick Skelly, Ph.D.

### Se Won Park

B.S., Ewha Womans University, Republic of Korea M.V.M., Seoul National University, Republic of Korea D.V.M., Seoul National University, Republic of Korea Dissertation: Regulation of NTCP and MRP2 Translocation by PKCô, Rab Proteins, and Kinesin Advisor: M. Sawkat Anwer, D.M.V.H., Ph.D.

Awards and Distinctions/Candidates for Certificates

### Awards and Distinctions

Henry L. Foster, D.V.M., Scholarships Monika Alida Burns Elizabeth Theresa Carbone Kerriann M. Casey Stacey Halse

International Veterinary Medicine Postgraduate Certificates Katherine M. Holmes Jay Abraham Katz Lori Michelle Newman

### Certificates of Internship

Dawn Abbott, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

Ellison Aldrich, V.M.D. Large Animal Surgery

Michelle Belvin, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

Heather Cringan, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

Cara Edelstein, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

Erin Fagan, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

Lindsay Goodale, D.V.M. Large Animal Medicine in a Joint Program with Massachusetts Equine Clinic

Jennifer Grady, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

Lesli Kibler, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

Katherine Moyer, D.V.M. Emergency and Critical Care Medicine

Noelle Muro, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

Melissa Restifo, D.V.M., V12 Large Animal Medicine in a Joint Program with Massachusetts Equine Clinic

Jordan Sauer, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

Lyra E. Sawzin, D.V.M. Rotating Internship in Small Animal Medicine/Surgery

### Certificates of Residency

Willem Becker, D.V.M. Small Animal Surgery

Faith Buckley, D.V.M., V09 Small Animal Medicine

Nicole Geyer Gladwin, D.V.M. Diagnostic Imaging

Adam Grochowsky, D.V.M. Emergency and Critical Care Medicine in Association with Tufts Veterinary Emergency Treatment & Specialties

Jennifer Haupt, D.V.M. Large Animal Surgery

Stephanie Krein, D.V.M. Anesthesia

David Raczek, D.V.M. Neurology

Meghan Respess, D.V.M., I10 Emergency and Critical Care Medicine

Naoko Sogame, D.V.M., Ph.D., V09 Medical Oncology

Kristen E. Thane, D.V.M., V09, I10 Large Animal Medicine

Yuki Tse, D.V.M. Emergency and Critical Care Medicine in Association with Tufts Veterinary Emergency Treatment & Specialties

Samuel Tucker, V.M.D., I10 Small Animal Medicine

### Veterinarian's Oath

Being admitted to the profession of veterinary medicine, I solemnly swear to use my scientific knowledge and skills for the benefit of society through the protection of animal health and welfare, the prevention and relief of animal suffering, the conservation of animal resources, the promotion of public health, and the advancement of medical knowledge.

I will practice my profession conscientiously, with dignity, and in keeping with the principles of veterinary medical ethics.

I accept as a lifelong obligation the continual improvement of my professional knowledge and competence.

# Commencement 2013

32ND COMMENCEMENT The Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

Order of Events

### Processional

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Master of Ceremony	Patrick Webb, Ph.D., Dean for Academic Affairs		
Welcome from the Board of Trustees	Peter R. Dolan A78, A08P, Vice Chairman, Board of Trustees		
Charge to the Graduates	Robin B. Kanarek, Ph.D., Dean		
Class Address	Rebecca J. Boulos, B.A., M.P.H., Doctor of Philosophy Degree Candidate		
Commencement Address	Ram Shrestha, N90		
Presentation of Diplomas	Stacey Herman, M.S., Associate Dean for Student Affairs		
Master of Science/ Combined Dietetic Internship Pin	Carol A. Palmer, Ed.D., <i>Director, Master's Program/Dietetic Internship</i> Kelly A. Kane, M.S., <i>Nutrition Education Coordinator, Frances Stern Nutrition Center</i>		
Master of Science	Patrick Webb, Ph.D. Stacey Herman, M.S.		
Master of Science/Master of Public Health	Patrick Webb, Ph.D. Stacey Herman, M.S.		
Master of Science/Master of Arts in Law and Diplomacy	Patrick Webb, Ph.D. Stacey Herman, M.S.		
Master of Science/Master of Arts in Urban and Environmental Policy and Planning	Patrick Webb, Ph.D. Stacey Herman, M.S.		
Master of Nutrition Science and Policy	Patrick Webb, Ph.D. Stacey Herman, M.S.		
Master of Arts in Humanitarian Assistance	Patrick Webb, Ph.D. Stacey Herman, M.S.		
Presentation of the Rebecca Roubenoff Award	Carol A. Palmer, Ed.D. Kelly A. Kane, M.S.		
Presentation of the Joan M. Bergstrom Student Award for Excellence in Global Nutrition	Robin B. Kanarek, Ph.D. Recipient: Marianne V. Santoso		
The Stanley N. Gershoff, Simon J. Simonian, and Arpi A. Simonian Prize for Research Excellence in Nutrition Science and Policy	Robin B. Kanarek, Ph.D. Recipient: Adela M. Hruby		
Irwin H. Rosenberg Award for Excellence in Predoctoral Research	Simin Meydani, Ph.D., D.V.M. Recipient: Adela M. Hruby		
Presentation of Diplomas and Hooding of Candidates for the Doctor of Philosophy	Patrick Webb, Ph.D. Stacey Herman, M.S.		
Doctoral Hooding	Jennifer Sacheck, Ph.D. Sai Krupa Das, Ph.D. Christina Economos, Ph.D. Simin Meydani, Ph.D., D.V.M. Odilia Bermudez, Ph.D. Nicola McKeown, Ph.D.	Beatrice Lorge Rogers, Ph.D. Sang Woon Choi, Ph.D, M.D. Susan Roberts, Ph.D. Alice Lichtenstein, D.Sc. Parke Wilde, Ph.D.	
Closing	Patrick Webb, Ph.D.		
	A reception will follow the ceremony in the Remis Sculpture Court.		

Candidates for Degrees

### Master of Science/Combined Dietetic Internship

**Farah M.J. Behbehani** B.A., Tufts University M.P.H., Tufts University

Janice Hey Yin Chow B.S., University of California at Berkeley

Franciel Jahmaya Dawes B.S., Texas A&M University

**Erika Paige Hval** B.S., New York University

**Brittany Louise Loriquet** B.S., University of Rhode Island

Lisa Ashley Massini B.S., University of Florida

Lingxia Sun B.S., New Mexico State University B.S., Sichuan University, China

Caitlin Yerg-Lui Wong B.S., Case Western Reserve University

### Master of Science

Lauren Denise Abda\* B.S., University of Vermont B.S., Marywood College

Kiley Michael Albrecht B.A., University of California at San Diego

Maya Yisraela Behar B.A., Vassar College

**Eliza Jane Marrow Bemis** B.A., Wellesley College

Katrina Marie Brink B.A., Truman State University

Sarah Elizabeth Buzogany B.S., University of Kentucky, Lexington B.A., University of Kentucky, Lexington

Ashley Bancroft Carter B.A., Williams College

Sabrina Diane Correll B.A., Colby College

Lisa Diane D'Agrosa B.S., University of Vermont

Linda Mary DePoto B.A., Wellesley College

**Diane Margaret Dussault** B.A., Tufts University D.C., Life Chiropractic College Meredith Brooke Epstein B.A., St. Mary's College of Maryland

**Jeffrey Morris Garber** B.A., Hampshire College

Christine Elizabeth Gary\* B.S., Tufts University

Laura Elizabeth Held\* B.A., Northeastern University

Elliot Benjamin Hohn B.S., University of Nebraska–Lincoln B.A., University of Nebraska–Lincoln

Michael Sean Horan\* B.S., University of Massachusetts Amherst

**Graham Robert Jeffries** B.A., Hampshire College

Leigh Tresham Kalbacker B.S., Cornell University

Maureen Priscilla Kelly B.S., North Carolina State University

**Elizabeth Ann Killion** B.S., Guilford College

Adam Blake Kingsbury B.S., Muhlenberg College

Jennifer Michelle LaVardera B.S., Pepperdine University

Katherine Anita Loeck B.S., University of Kansas

**Kimberly Feeney London** B.A., Cornell University

Meghan Jane Loraditch B.A., Northeastern University

Lorena Macias-Navarro B.S., Universidad Iberoamericana, México

**Devin John McDonald** B.S., Siena College

William Wade McKerchie B.A., Hamilton College

Alisha Ketan Mehta\*\*\* B.A., Tufts University

**Emily Susan Mohn** B.S., Providence College

Jacqueline Marie Parr B.S., University of Guelph, Canada D.V.M., University of Guelph, Canada

Candidates for Degrees

**Anna Christine Pfalzer** B.A., Grinnell College

Cheryl Lynne Pinzino\* B.S., Tufts University M.A., Tufts University

Xuan Qin B.S., Purdue University

Micah Elizabeth Risk B.S., Virginia Commonwealth University

Julia Anne Sabet Motlagh\*\*\* B.S., University of New England

Nadira Saleh B.S., McMaster University, Canada

Marianne Victoria Santoso B.S., University of Texas at Austin

Mackenzie Marie Sehlke B.A., Pacific Lutheran University

Emily Jennifer Schlosnagle\* B.A., St. Olaf College

Isabel Kelly Smith\*\*\* B.A., Gettysburg College

Kristina Charles Stafstrom B.S., Bates College

Andrea Margarita Talhami Lozano B.S., California State University, San Marcos

Wei Chun Julia Tang B.S., Cornell University

**Oni Orobosa Tongo** B.A., Wesleyan University

**Tai Ullmann** B.A., American University

Lainey Woodward Younkin B.S., Clemson University

Linda Y. Yung B.A., Tufts University

Master of Science/Master of Public Health

Clancey Ann Bateman\*\*\* B.A., Brown University

Laura Abigail Shaw Carroll\*\*\* B.A., Saint Mary's College of Maryland

Ellen Kay Cynar\*\*\* B.A., Lewis and Clark College

Julie Ann Grimaldi\* B.S., Cornell University Meghan E. Johnson\*\*\* B.A., University of Maryland

Adriana Monge-Urrea\* B.S., Universidad Iberoamericana, México

**Stephanie Alyse Movsesian**\*\*\* B.A., University of New Hampshire

Lucy A. Myles B.A., The Ohio State University

Lauren Elizabeth Parks\* B.A., University of New Hampshire

**Christina Dichoso Reginaldo**\*\*\* B.S., University of California at Davis

Michelle Renee Rollet\*\*\* B.S., University of Illinois at Urbana-Champaign

Natalie Jane Royal\*\*\* B.S., University of Oregon

Elaine Siew\*\*\* B.A., University of British Columbia, Canada

Jamie Marie Tully\* B.S., Loyola University Chicago

Kevin Takeshi Watanabe\* B.S., University of Hawaii

### Master of Science/Master of Arts in Law and Diplomacy

Sarah Elizabeth Clark\* B.A., University of California at Berkeley

**Elise Anna Garvey** B.A., Canisius College

Jillian Rebekah Gladstone\* B.A., New York University

**Dana Rose Goldman** B.A., Georgetown University

Sarah R. Hippert\* B.A., Bowdoin College

**Brooke Margaret Kerrigan Smith** B.A., Middlebury College M.A., Tufts University

Nicholas Raja Strutt\* B.S., Cornell University

**Cristina Melisa Valverde**\* B.A., Harvard University

Candidates for Degrees

### Master of Science/Master of Arts in Urban and Environmental Policy and Planning

Blake Elizabeth Roberts B.A., Swarthmore College

### Master of Nutrition Science and Policy

**Ghada Mahmoud Hamada** M.I.M., St. Thomas University M.B., CH.B., Alexandria University, Egypt

Dana Sami Obeid\*\*\* B.S., American University of Beirut, Lebanon

**Fatemeh Sahrapour\*** B.S., University of Texas at Austin

Tasneem Mustansir Salim\*\*\* B.S., University of Karachi, Pakistan

Amani Kamal Saqallah\*\*\* B.S., King Faisal University, Saudi Arabia

### Master of Arts in Humanitarian Assistance

Tita Mekonnen Gemechu B.A., Addis Ababa University, Ethiopia M.A., Addis Ababa University, Ethiopia

Heidi Gengenbach B.A., University of Trinity College, Canada M.S., University of Minnesota Ph.D., University of Minnesota

### **Daniel Hopkins Holmberg\*** B.A., United States International University, Africa

Teresia Wanjiku Nyutu B.S., Kenyatta University, Kenya

Rachael Ameyo Were B.Ed., Kenyatta University, Kenya M.A., University of Nairobi, Kenya

### Doctor of Philosophy

### Lauren Elizabeth Au

B.S., University of California at Berkeley M.S., Columbia University Dissertation: Contributions of Dietary Vitamin D, Weight Status, and Skin Color to Vitamin D Status and Adherence to Vitamin D Supplements in At-Risk Youth Advisor: Dr. Jennifer Sacheck

### Payal Batra\*

B.S., SVT College of Home Science, India M.S., Nirmala Niketan College, India Dissertation: Behavioral and Cognitive Correlates of Weight Loss in a Worksite Weight Loss Intervention Advisor: Dr. Sai Krupa Das

### **Rebecca June Boulos**

B.A., George Washington University M.P.H., Yale University Dissertation: How Do Health Behaviors, Stress, and Coping Influence Weight Status During Periods of Transition Advisor: Dr. Christina Economos

### Maria Carlota Dao

B.A., Boston University M.S., Tufts University Dissertation: Cardiometabolic Risk Factors, Iron Status, and Hepcidin in Obese Individuals Undergoing Weight Loss Advisor: Dr. Simin Meydani

### Melissa Fuster\*\*\*

B.A., Florida International University M.S., Tufts University Dissertation: Healthy Eating in Vulnerable Salvadorian Communities Advisor: Dr. Odilia Bermudez

### Adela Marie Hruby

B.A., Cornell University M.S., Tufts University M.P.H., Tufts University Dissertation: Magnesium, Genetic Risk, and Risk Factors for Diabetes and Heart Disease Advisor: Dr. Nicola McKeown

### Latrice Goosby Landry\*\*\*

B.A., Tufts University M.S., Tufts University Dissertation: Nutrition and Genetics as Determinants of an Atherogenic Lipid Profile in African Americans: The Jackson Heart Study Advisor: Dr. Katherine Tucker

Candidates for Degrees

### Stephanie Elizabeth Ortolano\*

B.S., Cornell University M.S., Tufts University Dissertation: The Interaction of Iron Deficiency and Psychosocial Care on Child Behavior and Cognitive Outcomes: A Longitudinal Study of Senegalese Children Advisor: Dr. Beatrice Lorge Rogers

### Abdal Monium Khidir Osman\*\*\*

B.V.Sc., University of Khartoum, Sudan M.S., University of Edinburgh, United Kingdom M.A.H.A., Tufts University Dissertation: Agricultural Change, Land, and Violence: An Examination of the Region of Darfur, Sudan Advisor: Dr. Helen Young

### Lara Kristin Park\*

B.S., McGill University, Canada M.S., Tufts University Dissertation: The Effect of Aging and Diet on the Hepatic DNA Methylome Advisor: Dr. Sang Woon Choi

### Taylor Collins Salinardi\*

B.A., Bowdoin College M.S., Columbia University Dissertation: A Worksite-Based Dietary and Behavioral Intervention for Weight Loss and Obesity Prevention Advisor: Dr. Susan Roberts

### Nicole Lee Spartano\*\*\*

B.S., Syracuse University M.S., Tufts University Dissertation: Regulation of Monocyte/Macrophage ATP-Binding Cassette Transporters and Cholesterol Efflux by Elevated Glucose and Free Fatty Acid Concentrations Advisor: Dr. Alice Lichtenstein

### Natalie Anne Halbach Valpiani

B.A., University of North Carolina at Chapel Hill M.S., Tufts University M.P.H., Tufts University Dissertation: Price Competitiveness of Fruits and Vegetables at Local Food Retail Outlets in All Seasons of the Year Advisor: Dr. Parke Wilde

