

164TH Commencement
Tufts University
Friday, May 27, 2022

Tufts

Commencement
2020

Tufts

Commencement 2020

School of Arts and Sciences

School of Engineering

School of Medicine and
Graduate School of 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

Jonathan M. Tisch College of Civic Life

University College

#Tufts2020

commencement.tufts.edu

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School of Engineering	

Welcome from the President

Two years ago, I mentioned in your Commencement Program that the deep bonds of loyalty and friendship that distinguish the Tufts community were vital as we faced the challenges of that spring together. While we conferred your degrees virtually at that time, it was no less significant and did not, in any way, diminish your accomplishments.

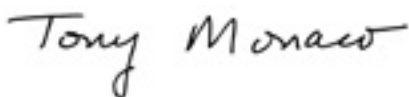
However, the opportunity to celebrate this important milestone in person is long overdue, and I am thrilled to welcome you and your families back to the Hill for this special celebration. I am sincerely thankful to all of those who have stood beside you throughout your lives at Tufts and beyond—your families, friends, teachers, advisors, mentors, and coaches.

Over the past two years, I have been overwhelmed with gratitude at the stories of our 2020 graduates who stepped up in these difficult times and channeled their energy into making a positive difference in the world. While it is true that the COVID-19 pandemic created exceptional difficulties for all of us, it also presented a unique opportunity for us to use our creativity, innovation, and resourcefulness to solve challenges not experienced in over a century.

As graduates, all of you rose to the challenge and served in your communities, launched businesses, treated patients, taught students, performed groundbreaking research, advocated for important causes, and contributed in numerous ways in not only fighting the pandemic, but also in helping our society come out of it stronger than ever before. This is the true spirit of active citizenship that Tufts instills within its students—and you all truly embody what it means to be a Jumbo.

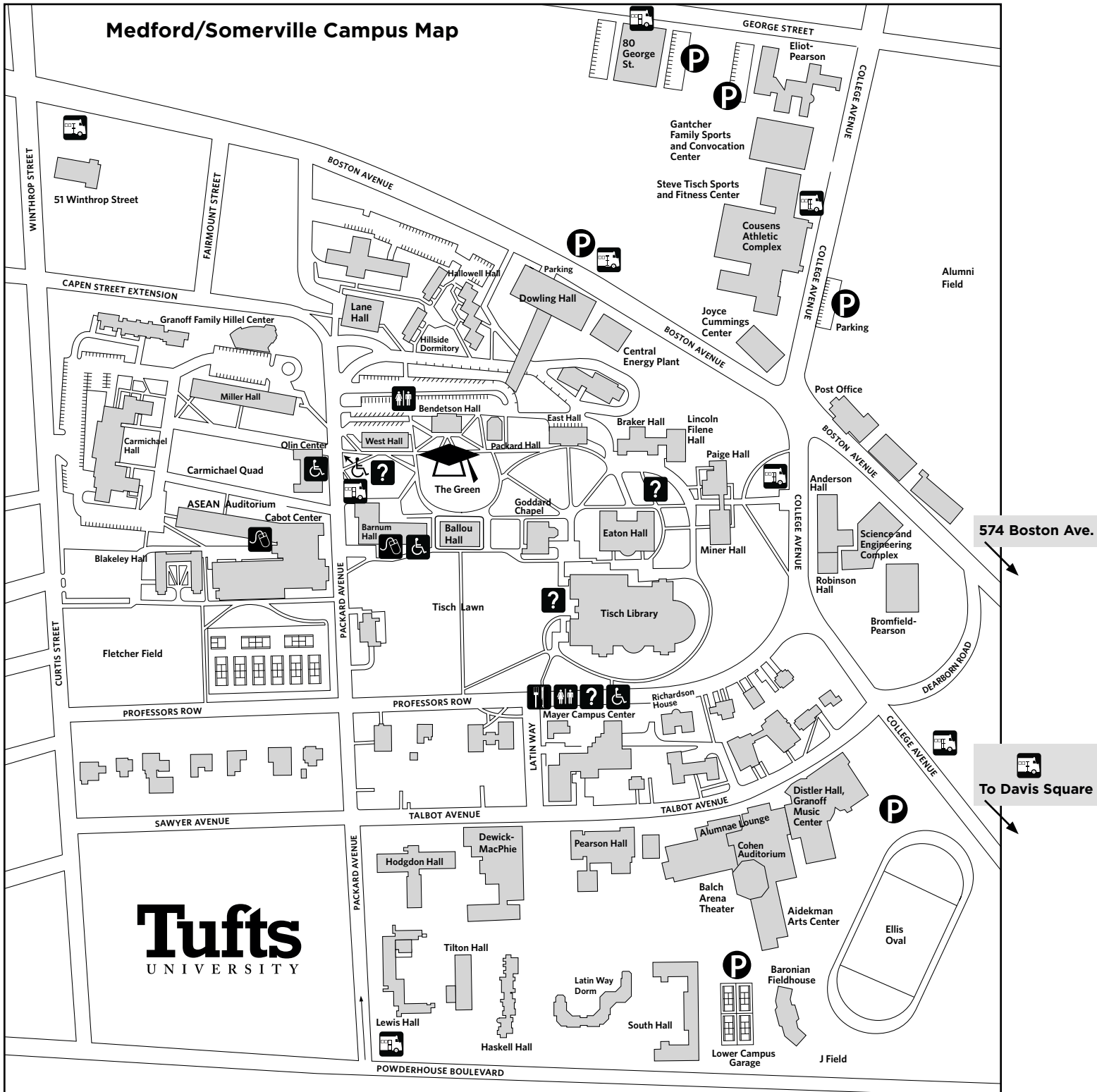
Congratulations to you, the class of 2020! You make us all proud to be a part of this unique and wonderful community, and I wish you all the very best.

Sincerely,

A handwritten signature in cursive script that reads "Tony Monaco".

Anthony P. Monaco
President

Medford/Somerville Campus Map



Shuttle Stops
Campus Loop and Davis Square



Information Booths
Packard Avenue in front of West Hall, near Eaton Hall; in front of Tisch Library, and Mayer Campus Center



Accessible Drop-off Location
Packard Avenue, next to The Green



Web Viewing Areas
Barnum Hall 008 and ASEAN Auditorium, Cabot Center



First Aid
Patrons needing medical attention should notify any uniformed official.



Graduation Ceremony Location



Restrooms
Behind West Hall and at the Mayer Campus Center



Accessible Restrooms
Barnum Hall, Olin Center, and Mayer Campus Center



Food Service
Mayer Campus Center

Tufts University Commencement

Overview of the Day

10:45–11:00 a.m.

MUSICAL PRELUDE

10:45 a.m.

PHASE I ALIGNMENT AREAS

Graduates assemble in areas as designated by marching order card or school.

SCHOOL	AREA
School of Arts and Sciences (including School of the Museum of Fine Arts)	In front of Braker Hall
Graduate School of Arts and Sciences	In front of Miller Hall
School of Engineering – undergraduate and graduate programs	In front of Miller Hall
All other schools	In front of Eaton Hall

10:45 a.m.

Chapel bells begin ringing (last warning for alignment).

11:00 a.m.*

PHASE I

Academic procession begins when the bells stop ringing.

11:15 a.m.*

ALL-UNIVERSITY COMMENCEMENT CEREMONY BEGINS.

12:30 p.m.*

RECESSIONAL—END OF ALL-UNIVERSITY COMMENCEMENT

12:30 p.m.

LUNCH ON THE LAWN

School of Arts and Sciences and School of Engineering graduates and their families are invited to lunch on the Tisch Lawn. (Tickets required.)

1:45 p.m.

PHASE II ALIGNMENT AREAS

SCHOOL	AREA
School of Arts and Sciences (including School of the Museum of Fine Arts)	In front of Braker Hall
Graduate School of Arts and Sciences	In front of Miller Hall
School of Engineering – undergraduate and graduate programs	In front of Miller Hall

2:00 p.m.

PHASE II

The ceremony for School of Arts and Sciences and School of Engineering begins on The Green at 2:00 p.m.

**Times are approximate.*

Viewing the Ceremony from Indoors

Guests are invited to view the all-university ceremony from several sites around campus. These rooms will be open at 10:00 a.m. All are handicapped-accessible.

The following sites will be screening the ceremony:

Cabot Intercultural Center, ASEAN Auditorium
Barnum Hall, Room 008

Rain Plan

Regardless of weather, Phases I and II will take place.

Note for guests: Please refrain from taking photos in the stage area during the ceremonies.

University Commencement

Order of Events

Musical Prelude	Tufts University Wind Ensemble John McCann, <i>Director</i>
Commencement Marshal	Paul J. Tringale, <i>Secretary of the Corporation</i>
Processional	
Presenter	Boris Hasselblatt, <i>Professor of Mathematics</i>
National Anthem	Chloe A. Malouf A20
Invocation	Lynn Cooper, <i>Catholic Chaplain</i>
Welcome	Anthony P. Monaco, <i>President of the University</i>
Conferring of Honorary Degrees	Anthony P. Monaco, <i>President of the University</i>
Recipients of Honorary Degrees	Neil Blumenthal, Doctor of Business Administration Lisa D. Cook, Doctor of Science Sandra Cotterell, Doctor of Public Service Ruth Moy, Doctor of Public Service James Stavridis, Doctor of Public Service Jonathan M. Tisch, Doctor of Public Service
The Commencement Address	Neil Blumenthal
Recipient of Dean Emeritus Certificate	Alan D. Solomont, Jonathan M. Tisch College of Civic Life
Recognition of Faculty Emeritus/a	Caroline Attardo Genco, <i>Provost and Senior Vice President ad interim</i>
Recognition of <i>Honos Civicus</i> Inductees	Dayna L. Cunningham, <i>Dean, Jonathan M. Tisch College of Civic Life</i>

University Commencement

Order of Events

Recognition of Degrees Conferred in Course

Anthony P. Monaco, *President of the University*

James M. Glaser, *Dean, School of Arts and Sciences*

Kyongbum Lee, *Dean, School of Engineering ad interim*

Helen Boucher, *Dean, School of Medicine ad interim*

Daniel Jay, *Dean, Graduate School of Biomedical Sciences*

Nadeem Karimbux, *Dean, School of Dental Medicine*

Rachel Kyte, *Dean, The Fletcher School of Law and Diplomacy*

Alastair Cribb, *Dean, Cummings School of Veterinary Medicine*

Dariusz Mozaffarian, *Dean, Gerald J. and Dorothy R. Friedman
School of Nutrition Science and Policy*

Peter R. Dolan, *Chairman, Board of Trustees*

Caroline Attardo Genco, *Provost and Senior Vice President ad interim*

Remarks

Peter R. Dolan, *Chairman, Board of Trustees*

Closing

Anthony P. Monaco, *President of the University*

Benediction

The Reverend Daniel Bell, *Protestant Chaplain*

Class Year Abbreviations

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

University Commencement

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!*

Academic Mace

Ceremonial maces were originally carried as a symbol of royal authority, dating back to the Middle Ages. The academic mace is a symbol of the authority invested in the president by the university's governing body. Tufts' mace is adorned with a medallion engraved with the official seal of the university and is carried before the president in academic processions in formal ceremonies such as commencement and inaugurations.

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,

Tuftonia's Day

Elliot Wright Hayes A1916

*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.*

The mahogany stand displaying the mace was designed and built by students from Medford Vocational Technical High School and was presented to President Monaco in April 2015.

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 gray. 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.

Recipients of Honorary Degrees

NEIL BLUMENTHAL, Aoz, is a co-founder and co-CEO of Warby Parker, a mission-driven lifestyle brand that offers designer eyewear and holistic vision care at a revolutionary price, while leading the way for socially conscious businesses.

Prior to co-founding Warby Parker in 2010, Blumenthal served as director of VisionSpring, a nonprofit social enterprise that trains low-income men and women to start their own business selling affordable eyewear to individuals living in developing countries.

Blumenthal was named a Young Global Leader by the World Economic Forum and one of the 100 Most Creative People in Business by *Fast Company*.

He currently serves on the board of directors of Allbirds, Sweetgreen, and the nonprofit organizations Warby Parker Impact Foundation, the Partnership Fund for New York City, and RxArt. He also serves on the board of advisors for the Mayor's Fund to Advance New York City and Responsible Innovation Labs as well as on the leadership councils of Robin Hood and Tech:NYC. He has served as a general partner of Good Friends LLC, an early-stage venture capital firm.

A native of New York City, Blumenthal received his bachelor of arts from Tufts and his master of business administration from the Wharton School of the University of Pennsylvania. His wife, Rachel, also a member of the Tufts Class of 2002, is the founder and CEO of Rockets of Awesome.

Blumenthal will receive an honorary Doctor of Business Administration degree.

LISA D. COOK is professor of economics and international relations at Michigan State University. Prior to this appointment, she was on the faculty of the Harvard Kennedy School, deputy director for Africa research at the Center for International Development at Harvard University, and a National Fellow at Stanford University. Among her current research interests are economic growth and development, innovation, financial institutions and markets, and economic history.

Cook is a research associate at the National Bureau of Economic Research and is the author of a number of published articles, book chapters, and working papers. She is on the board of editors of the *Journal of Economic Literature*, and her research has appeared in the *American Economic Review* and the *Journal of Economic Growth*,

among other journals. Her research has been funded by the National Science Foundation, the National Bureau of Economic Research, the Smithsonian Institution, Harvard Business School, and the Economic History Association, as well as others.

During the 2011–2012 academic year, she was on leave at the White House Council of Economic Advisers and has had visiting appointments at the National Bureau of Economic Research, the University of Michigan, and the Federal Reserve Banks of New York, Chicago, Minneapolis, and Philadelphia. She serves on advisory boards of the Federal Reserve Bank of Chicago, the National Science Foundation, the Opportunity and Inclusive Growth Institute of the Federal Reserve Bank of Minneapolis, and the Lemelson Center for the Study of Invention and Innovation at the Smithsonian Institution. In 2020, she was elected to the board of directors of the Federal Home Loan Bank of Indianapolis. In 2021, she was elected to the board of directors of the Federal Reserve Bank of Chicago. In January 2022, Cook was nominated by President Biden to serve on the Board of Governors of the Federal Reserve System.

From 2018 to 2020, Cook was director of the American Economic Association Summer Training Program and was president of the National Economic Association from 2015 to 2016. In 2019, for her mentorship of graduate students, she was awarded the Impactful Mentor Award by the American Economic Association Mentoring Pipeline Program and was elected to the executive committee of the American Economic Association.

Cook has been a distinguished lecturer for the scientific research honor society Sigma Xi and was recently named an Edison Fellow at the U.S. Patent and Trademark Office. She is a guest columnist for *The New York Times* and for the *Detroit Free Press* and a regular contributor on CNBC, MSNBC, and NPR. On the Biden-Harris transition team, Cook served as the deputy team lead for the Federal Reserve, Banking, and Securities Regulators Agency Review team. She is a member of the Council on Foreign Relations.

Cook was Spelman College's first British Marshall Scholar and received a second bachelor of arts in philosophy, politics, and economics from Oxford University. She earned a Ph.D. in economics from the University of California, Berkeley.

Cook will receive an honorary Doctor of Science degree.

Recipients of Honorary Degrees

In a career marked by a dedication to the health of the whole person and the community, **SANDRA COTTERELL** has served as chief executive officer of Codman Square Health Center since 2011. Codman is a community-based, outpatient health care and multiservice center in Dorchester, Massachusetts, offering comprehensive and holistic health care for all.

Since first joining Codman as its chief operating officer in 1994, Cotterell has been involved in nearly every aspect of running the center. She has built on the vision of a foundation of preventive and primary care services that engages consumers and embraces innovation without ever losing sight of its mission to provide access to the highest quality of care. Cotterell led Codman's 34,000 square-foot Gold LEED-certified expansion and transformed its 450 Washington Street location into a wellness and fitness center complete with its partner fitness center, a partner nonprofit grocery store, a community teaching kitchen, and an earned income tax clinic.

At the beginning of her career in health care, after earning her bachelor of science in nursing from Simmons College, Cotterell worked as a nurse at Massachusetts General Hospital and New England Medical Center. In 1985, she transitioned into an administrative role in the health insurance industry at Baystate Health, where she held several positions, culminating in her role as vice president of clinical services.

Cotterell currently serves on the board of directors of Boston Medical Center, BMC HealthNet Plan, the Massachusetts League of Community Health Centers, Healthworks Community Fitness, and Codman Academy Charter School, and on the Daily Table advisory board. She is the president of the Boston Accountable Care Organization board of directors. She is also a contributing faculty member at the Kraft Center for Community Health and a guest lecturer at both Harvard T.H. Chan School of Public Health and Heller School for Social Policy and Management at Brandeis University.

Every year since 2014, Cotterell's leadership of Codman has earned the center recognition as one of the Top 100 women-led businesses in Massachusetts from The Commonwealth Institute and *The Boston Globe*. In 2019, the Massachusetts League of Community Health Centers recognized her with its Outstanding CEO Award. She has also been honored with the UMass Boston's Robert H. Quinn Award for Outstanding Community Leadership for her commitment to community service

and by SCI AmeriCorps with the Idealist Award for her social connections and community engagement efforts. She was also the recipient of the Massachusetts Health Council Health Care Star Award at the council's 100th anniversary gala.

Cotterell will receive an honorary Doctor of Public Service degree.

To her leadership of the Greater Boston Chinese Golden Age Center, **RUTH MOY** brings a career in both business and human services that spans nearly 50 years. Since 1973, Moy has been leading this nonprofit dedicated to advocacy on behalf of Chinese-speaking Asian seniors and currently serves as its executive director. Prior to her appointment, she had been involved in family restaurants and real estate while raising four children.

Moy has applied knowledge that she gained as an entrepreneur to the provision of culturally and linguistically competent care and services to the community's seniors. Recognizing that political advocacy was important to secure public funds for community services, at both City Hall and the State House, she has persistently championed the creation of solutions designed to fill gaps in social services and to enhance the welfare of Asian elders in the Boston area. Among the solutions for which she has advocated is a comprehensive network of services available to a growing elderly population, including a nutrition program that delivers nearly 4,000 hot lunches to the homebound each day, three adult day health programs, and senior centers, including employment centers, with social services expanded to serve elders in neighboring towns and cities.

In 1981, Moy's vision to expand the boundaries of Chinatown, eradicate the adjacent "Combat Zone," and revitalize a depressed area resulted in the rehabilitation of the Normandy Lounge into Hong Lok House—28 units of elderly housing with HUD Section 8 and 202 program funding. In 2015, Hong Lok House was demolished, and 74 units of affordable housing were constructed and occupied in its stead.

Also in 1981, Moy established Midtown Home Health Services, which continues to hire and train home care workers who provide services that enable elders to age with dignity in their communities. Moy is a founding member of the South Cove Manor Nursing Home, a facility that serves primarily Asian elders with short- and long-term care.

Recipients of Honorary Degrees

Moy has been serving on Tufts Medical Center's Board of Governors for 15 years and is a member of Tufts Medical Center's Asian Health Initiative, which provides insights into the health needs and concerns of the Chinatown community and its elders. She was appointed to Governor Baker's Council to Address Aging and serves on the advisory board to the Executive Office of Elder Affairs. In addition, she is a co-moderator of the Chinatown/South Cove Neighborhood Council and is active in other civic groups such as the Moy Association and the Chinese Women's Association of New England.

Moy will receive an honorary Doctor of Public Service degree.

The longest-serving combatant commander in recent U.S. history, **JAMES STAVRIDIS**, F83, F84, spent 37 years in the Navy, rising to the rank of four-star admiral. Among his many commands were four years as the 16th Supreme Allied Commander at NATO, where he oversaw operations in Afghanistan, Libya, Syria, the Balkans, and counter-piracy off the coast of Africa. For nearly three years, he commanded U.S. Southern Command in Miami, charged with military operations throughout Latin America. Following his military career, he served for five years as dean of The Fletcher School. He is currently vice chair of the Carlyle Group and chair of the Rockefeller Foundation board of trustees.

During his career in the Navy, Stavridis served as senior military assistant to the secretary of the Navy and the secretary of defense. He led the Navy's premier operational think tank for innovation, Deep Blue, immediately after the 9/11 attacks. He also commanded a destroyer squadron and a carrier strike group, both in combat. In 2004, he was promoted directly from one-star rank to three-star rank.

He won the Battenberg Cup for commanding the top ship in the Atlantic Fleet and the Navy League John Paul Jones Award for Inspirational Leadership, along with more than 50 U.S. and international medals and decorations, including 28 from foreign nations. In 2016, he was vetted for vice president by Secretary of State Hillary Clinton and was subsequently invited to discuss a cabinet position with then-President-elect Donald Trump.

After attending the U.S. Naval Academy at Annapolis, Stavridis earned a Ph.D. from The Fletcher School, winning the Gullion Prize as outstanding student in his class, as well as academic honors from the National and Naval War colleges as a distinguished student.

Stavridis has published 11 books on leadership, the oceans, maritime affairs, and Latin America, as well as hundreds of articles in leading journals. Two of his most popular books are *Sailing True North: Ten Admirals and the Voyage of Character* and the novel *2034: A Novel of the Next World War*, which was a *New York Times* bestseller. His most recent book is *The Sailor's Bookshelf: Fifty Books to Know the Sea*. His 2012 TED talk on 21st-century security has close to one million views. He tweeted the end of combat operations in the Libyan NATO intervention. He is a contributing editor for *Time* and chief international security and diplomacy analyst for NBC News.

Stavridis will receive an honorary Doctor of Public Service degree.

In his role as chairman and CEO of Loews Hotels & Co and co-chairman of the board and a member of the Office of the President of Loews Corporation, **JONATHAN M. TISCH**, A76, has led the expansion and emergence of Loews as a prominent and respected hotel company with a widely praised culture that embraces the power of partnerships—with team members, guests, communities, and owners. He was voted Hotelier of the World by *HOTELS* magazine.

Recognized nationally as a statesman for the multibillion-dollar travel and tourism industry, Tisch is chairman emeritus of the U.S. Travel Association and previously served as chairman of the Travel Business Roundtable and the American Hotel and Lodging Association. Committed to a vibrant tourism industry locally, Tisch served for nearly six years as chairman of NYC & Company, New York City's official tourism agency, and was chairman of New York Rising, which was established to bring back visitors and revive the economy after 9/11. *Crain's New York Business* named him one of the Top Ten Most Influential Business Leaders and inducted him into its hall of fame, which recognizes individuals who have transformed the city in both their professional work and in their civic and philanthropic activities.

Tisch is the author of three bestselling books: *The Power of We: Succeeding Through Partnerships*, *Chocolates on the Pillow Aren't Enough: Reinventing the Customer Experience*, and *Citizen You: Doing Your Part to Change the World*. He hosted the Emmy-nominated television series *Beyond the Boardroom*.

Tisch is a champion of corporate responsibility and active citizenship. More than 25 years ago, he initiated the Loews Hotels Good Neighbor Policy, a recipient of the

Recipients of Honorary Degrees

President's Volunteer Service Award, the highest honor given by the President of the United States for community service directed at solving critical social problems. Here at his alma mater, he is currently vice-chair emeritus of the university's board of trustees and the naming benefactor of the Jonathan M. Tisch College of Civic Life. In 2017, he was honored by the New York University School of Professional Studies with the naming of the Jonathan M. Tisch Center of Hospitality, of which he has been a driving force for years. He is a founding board member and vice chairman of The Shed, New York City's cultural center for arts and ideas, and a member of the board of trustees of the Hospital for Special Surgery.

A co-owner of the New York Giants, Tisch was instrumental in bringing the 2014 Super Bowl to the New York metropolitan area and served as co-chair of the NY/NJ Super Bowl Host Committee.

Tisch will receive an honorary Doctor of Public Service degree.

School of Arts and Sciences and School of Engineering

Order of Events

The Green at 2:00 p.m.

Musical Prelude

Student and Faculty Processional

Presenter Heather Nathans, *Dean of Academic Affairs and Associate Dean for Diversity and Inclusion*

Invocation The Reverend Elyse Nelson Winger, *University Chaplain*

The Wendell Phillips Address Leticia Priebe Rocha Azo

Remarks James M. Glaser, *Dean, School of Arts and Sciences*
Kyongbum Lee, *Dean, School of Engineering ad interim*
Nancy Bauer, *Inaugural Dean, School of the Museum of Fine Arts*

Presentation of Doctoral Degree Recipients Bárbara Brizuela, *Dean, Graduate School of Arts and Sciences*
Karen Panetta, *Dean for Graduate Education, School of Engineering*

Presentation of Master's Degree Recipients Bárbara Brizuela, *Dean, Graduate School of Arts and Sciences*
Karen Panetta, *Dean for Graduate Education, School of Engineering*

Presentation of Bachelor's Degree Recipients James M. Glaser, *Dean, School of Arts and Sciences*
Kyongbum Lee, *Dean, School of Engineering ad interim*

Closing Remarks Camille Lizarríbar, *Dean of Student Affairs and Chief Student Affairs Officer*

Recessional

Tufts