

JUMBO DAYS

Friday, April 18

7:00-8:00 **Registration**, Cousens Gymnasium
Join the admissions staff and Tufts students for breakfast.

8:00-9:00 **Welcome**, Cousens Gymnasium
Lee Coffin, Dean of Undergraduate Admissions, and students welcome you and talk about the Tufts experience.

9:30-10:15 **Choose One Class to Attend**

RED BALLOONS

Introduction to Control Systems: Operation, Components, and Classification, Nelson

Auditorium, Anderson Hall

William Messner, Professor and Chair of Mechanical Engineering

From thermostats to automobile cruise control to spacecraft guidance, feedback control systems are ubiquitous and essential in our modern world. This class introduces concepts of control systems, including the components of feedback (closed-loop) control systems and principles of operation, and how to distinguish between closed-loop and open-loop control systems.

BLUE BALLOONS

Psychology & the Legal System, Distler Auditorium,
Granoff Music Center

Sam Sommers, Associate Professor of Psychology

Many processes and procedures in the legal system can be examined critically using behavioral science methods. Drawing on perspectives from numerous areas of psychology – such as social, cognitive, developmental, and physiological—research psychologists have examined a variety of topics within the legal system, including police interrogations, eyewitness memory, jury selection and deliberations, and the insanity defense. We will discuss highlights from this growing area of research, as well as the general benefits and limitations of efforts to apply psychological research to the real-world domain of the legal system.

GREEN BALLOONS

Transition from Infectious to Chronic Disease: Water Supply and Sanitation Provision in the United States, Anderson Hall 206

Daniele Lantagne, Assistant Professor of Civil and Environmental Engineering

In this class, we will review the history of water supply and sanitation provision in the US through the lens of public health and engineering to provide insight into how the US transitioned from infectious to chronic diseases; as well as discuss the lessons learned and applicability to developing country contexts where unsafe water significantly contributes to the current burden of infectious disease.

ORANGE BALLOONS

How to Grow a Body Part, Braker Hall 001

Catherine Kuo, Assistant Professor of Biomedical Engineering

Regenerative medicine aims to grow new tissues and organs to cure disease, restore function and save lives. Working at the intersection of engineering, biology and medicine, strategies to regenerate new body parts ex vivo may integrate stem cells, scaffolds and bioreactors into a single system. This talk will focus on the development of these systems and discuss current research projects in the field of regenerative medicine.

WHITE BALLOONS

The Science in Social Science: How to Establish and Understand Relationships in the Political and Social World, Dowling Hall 745 A&B

Jim Glaser, Dean of Academic Affairs and Professor of Political Science

As social scientists, we attempt to understand and establish relationships in the political and social world. How do we know if these relationships are real or a mirage? How much confidence do we have in them and where does this confidence come from? Are we really “scientists?”

YELLOW BALLOONS

The Institute for Global Leadership, Eaton Hall 201

Sherman Teichman, Director of the Institute for Global Leadership (IGL)

Hear about how students learn through intensive engagement in classes, global research, internships, workshops, simulations, and international symposia--all involving national and international leaders from the public

and private sectors. The missions of the IGL is to prepare new generations of critical thinkers for effective and ethical leadership, ready to act as global citizens in addressing international and national issues across cultures.

BLACK BALLOONS

The End of the World, Plan B, Crane Room, Paige Hall

Charles Inouye, Professor of Japanese and Director of International Literary and Visual Studies

Is the end of the world going to happen soon? Plan A: yes, most likely. Plan B: no, maybe not.

PINK BALLOONS

June 11, 1963, Terrace Room, Paige Hall

Steven Cohen, Senior Lecturer of Education

We'll look at a significant day in the history of the civil rights movement and how it affected schools in the south and the north.

SILVER BALLOONS

Health Professions Advising, Tisch Library 304

Carol Baffi-Dugan, Director of Health Professions Advising
Tufts students who have an interest in health care and the health professions have many curricular and extracurricular opportunities available to help them explore those interests. Students, staff and community health faculty will discuss advising, curriculum, special programs and the support Tufts provides to these students.

PURPLE BALLOONS

How to Compute Averages, Tisch Library 316

Kim Ruane, Associate Professor of Math

In calculus, there are two fundamental problems we study: the tangent problem and the area problem. The Fundamental Theorem of Calculus connects these two problems in an unexpected way. The area problem is solved using something called the definite integral. One application of the definite integral is computing the average value of a function. For example, suppose you deposit \$100 in the bank at 5% interest compounded continuously. We all know how to compute the average of a finite list of numbers, but what happens when the list of numbers is infinite? In this lecture, we will see how the area problem is related to the average value problem - and in doing so, we see that adding up the infinite list of numbers and dividing by the infinite number of things in the list can be done if you're willing to understand some calculus!

RED POLKA DOT BALLOONS

Wordsworth's Vision, Balch Arena Theater, Aidekman Arts Center

Andrea Haslanger, Assistant Professor of English
Wordsworth famously claims that "poetry is the image of man and nature." In this class, we will focus on Wordsworth's poem, *Tintern Abbey*, and consider how it presents man and nature. We will discuss what Wordsworth chooses to include in the poem about his return to the Abbey and what he deliberately leaves out. What do the poem's blind spots tell us about Wordsworth's sense of place and his sense of himself?

BLUE POLKA DOT BALLOONS

The World Trade Organization (WTO) and Access to Essential Medicines in Developing Countries, Cohen Auditorium, Aidekman Arts Center

Drusilla Brown, Associate Professor of Economics and Director of International Relations
At the conclusion of the Uruguay Round of International Trade Negotiations, the WTO agreed to implement a regime of intellectual property rights protections by 2005. Intellectual property rights for most countries in the world were then governed by the Trade Related Intellectual Property Rights Agreement (TRIPS). But by 1998, it was clear that the TRIPS Agreement conflicted with the provision of essential medicines to patients in developing countries. We will review the TRIPS Agreement, its implementation and the subsequent conflict over access to antiretroviral therapy in developing countries.

10:30-11:15 **Choose One Class to Attend**

Engineering at Tufts: An Introduction, Distler Auditorium, Granoff Music Center

Linda Abriola, Dean of the School of Engineering

Kim Knox, Associate Dean for Undergraduate Education
The Tufts School of Engineering provides many opportunities to develop technical competence, leadership, and problem solving skills in our highly collaborative undergraduate program. Tufts challenges conventional disciplinary borders, building on project-based learning and problem-focused innovation. The Dean and Associate Dean will answer your questions about our programs, advising system, and more.

Metabolism and Cancer, Cohen Auditorium, Aidekman Arts Center

Stephen Fuchs, Assistant Professor of Biology
This lecture highlights historically important experiments responsible for uncovering links between increased metabolism and tumor growth, and explores modern techniques for the detection and treatment of cancer based on the same principles. In my Bio 152 course, this lecture builds off of several weeks of discussion about the central metabolic pathway in mammalian cells. Bio 152 is an advanced course for a diverse group of students at Tufts – including biology majors, engineers, community health students, and others interested in Medical, Dental, Veterinary, and Graduate programs.

The Presumption of Machiavelli OR Who's Really The Prince?, Balch Arena Theater, Aidekman Arts Center

Vickie Sullivan, Professor of Political Science and Chair of Classics
This class will examine what might be Machiavelli's intentions in writing his famous treatise, *The Prince*. The class is an immersion in political theory as it is taught at Tufts.

Water, Weather, and Warming – An Introductory Chemistry Perspective, Nelson Auditorium, Anderson Hall

Arthur Utz, Associate Professor and Chair of Chemistry
We will explore how bonding between water molecules plays a central role in Earth's weather and climate.

Fiji Mermaids and Dog-faced Boys: P.T. Barnum and the American Theatre, Anderson Hall 206

Heather Nathans, Professor and Chair of Drama and Dance

P.T. Barnum - known for the circus he helped to create and as a master of "humbug" - was also a brilliant businessman, an active advocate against drinking and slavery, and something of an enigma. He fundamentally transformed the shape of American entertainment and left a complex legacy that persists to this day. Join us for an exploration of P.T. Barnum's world of wonders and pull back the curtain on some of his most famous deceptions.

The Changing Structure of Africa's Economies,

Braker Hall 001

Margaret McMillan, Associate Professor of Economics

This class will introduce students to role of structural change in economic growth. We will apply this knowledge to growth in present day Africa. In particular, students will learn about the role of agriculture, services and manufacturing in driving Africa's recent growth. I will show that there has been a substantial decline in the share of employment in the agriculture over the past decade. Unlike in Asia, I will explain that this decline has not been matched by significant increase in the share of employment in manufacturing. We will discuss reasons for the decline in the share of employment in agriculture and the role that manufacturing might play in Africa's future growth.

Beyond Pink and Blue? Children's Gender

Development, Dowling Hall 745 A&B

Chip Gidney, Associate Professor of Child Development

Even before children are born, their families begin to "gender" them. They might choose furniture and decorations that are gender specific, begin to consider gender-specific names for them, and begin to think about their futures along gender-specific lines. Gender - the socially-constructed set of attitudes, beliefs, and behaviors often rooted in biological sex differences - is a seemingly inexorable feature of human societies. Yet, gender attitudes are very responsive to social influence. We'll examine how gender develops in children and ways that parents, caregivers, educators, and others who work with children, can foster gender equity in children and adolescents.

Composing on the Spot, Granoff Music Center 155

John McDonald, Professor and Chair of Music

Along the lines of "Write Now," an exercise I do with my project-based composition seminar, we will engage in a quick composition exercise rooted in daily life.

Egyptian Identities in the Greco-Roman

Mediterranean, Crane Room, Paige Hall

Matthew Harrington, Lecturer of Classics

We will examine the intersections of the culture and art of Egypt with the Greco-Roman world system. First, we will discuss the use of art and architecture by the Ptolemaic (Macedonian) Pharaohs to establish their power in Egypt and to compete on the international stage; second, we will investigate the fusion of Greco-Roman iconography with the indigenous religion and symbols of Egypt.

Economic Growth in the Roman Empire, Terrace

Room, Paige Hall

Bruce Hitchner, Professor of Classics

Was the economy of the Roman Empire pre-modern or modern?

Survey Magic: How Single Polls Can be Combined to Measure the Public's Mood, Tisch Library 304

Richard Eichenberg, Associate Professor of Political Science

Citizens and scholars alike are aware that a single question from a public opinion survey is close to useless as a measure of the public's preferences. However, by combining many questions from many surveys, we can measure a public "mood" that plausibly tracks American political history. The analysis also suggests that the American people pay attention to government policy and adjust their preferences accordingly. The argument is illustrated using almost fifty years of polling on the subject of defense spending in the United States.

The Politics of Securing Borders and the Identities of Disease, Tisch Library 316

Rosemary Taylor, Associate Professor of Sociology

My lecture course, *Epidemics: Plagues, Peoples and Politics*, explores the history and evolution of some of the greatest challenges to human health, from the plague of Athens to "swine flu". We consider the origins of epidemics, and the factors - rooted in biology, social relations, culture and political economy - that have shaped their development. This class will compare different explanations for the treatment of an epidemic when it is perceived to be carried into a nation by "outsiders" - specifically, how do governments treat immigrants who might be carrying infectious diseases?

11:30-2:00 **Explore Many Opportunities on Campus**

Engineering Department Visits

Learn more about the engineering departments through faculty tours and department presentations. Tours will depart from the Engineering at Tufts Session in Distler Auditorium at **11:15am**. Choose from: Anderson Hall Tour (*Mechanical, Civil and Environmental Engineering*), Halligan Hall Tour (*Electrical and Computer Engineering, Computer Science*), or Science & Technology Center Tour (*Biomedical, Chemical and Biological Engineering*). Department visits will conclude by 12:45 pm.

Visit Academic Departments

All academic departments are open for visitors. Have questions about a particular academic program? Look up the location in your Jumbo Days program and ask a Jumbo Days volunteer for directions.

Lunch, Carmichael or Dewick-MacPhie Dining Center
Enjoy lunch at one of Tufts' two main dining halls: Dewick MacPhie or Carmichael Hall. There will be student volunteers at each dining hall, and we encourage you to eat with them!

Community Fair, Under the Big Top, Academic Quad
Visit the tent and speak with various student organizations and other groups.

Visit a Residence Hall, Miller Hall

Student guides will escort visitors through one of the first year residence halls. Dorm tours will depart from in front of Miller Hall on the Rez Quad every 15 minutes. Look for the "Dorm Tour" sign.

Art Gallery Open House, Aidekman Arts Center

The Tufts University Art Gallery animates the intellectual life of the greater university community through exhibitions and programs exploring new, global perspectives on art and on art discourse.

Science at Tufts, Pearson Hall Chemical Laboratory

Visit a laboratory and meet with student researchers in various science disciplines including biology, chemistry, earth and ocean science, and physics. Guides will meet you at the entrance of Pearson Chemical Laboratory.

Athletics Open House, Tisch Sports & Fitness Center

Explore the new Tisch Sports and Fitness Center, take a tour with student athletes, or talk with coaches from Tufts' 28 varsity programs. Coaches and/or team leaders may be found in the respective coaches' office in the main athletic complex. To find the appropriate location for a team representative, please check-in with the Athletics Office on the second floor of the Tisch Sports and Fitness Center.

Student Services Open House, Dowling Hall Lobby

Stop by Dowling Hall anytime **between 12:00 and 2:00pm**

Financial Aid: Representatives from the Financial Aid office will be available to answer questions.

Study Abroad: Want to learn about Tufts' ten study abroad locations or the countless other programs

approved by Tufts to explore? Come speak to representatives from our study abroad office.

Academic Advising: Tufts offers a comprehensive advising support network for all students. Learn more about who our advisors are and how they support each student throughout his or her college career.

Student Accessibility: Learn about accommodations, services, and resources available for students with disabilities and other special needs, including chronic illness, physical limitations, and learning disabilities.

Academic Resource Center: Learn more about academic support at Tufts: tutoring, time management, study skills, writing consultations, and public speaking.

Career Services: Representatives will be available to chat about the resources at the career center, career fairs and workshops hosted throughout the year, internship placements, and more.

Hillel Open House, Hillel Center

Interested in Jewish life at Tufts? Come by to talk to students and staff, find out about our many programs and initiatives, and enjoy some kosher snacks.

Group of Six Diversity Open Houses

Learn about some of the ways Tufts celebrates diversity.

Africana Center, 8 Professors Row

Asian American Center, 14 Latin Way

International Center, Community Fair Tent, Academic Quad

Latino Center, Bolles House, 226 College Avenue

LGBT Center, Bolles House, 226 College Avenue

Women's Center, 55 Talbot Avenue

Experimental College Open House, 95 Talbot Ave

Visit the Experimental College to learn about its curriculum, philosophy, and minor options. The ExCollege is known for its interactive teaching, cutting-edge subjects, and faculty/student collaboration.

Financial Aid at Tufts, Dowling Hall 745 A&B

Patricia Reilly, Director of Financial Aid, will talk about financial aid options at Tufts. **This event will begin at 1:00pm and end at 1:45pm.**

2:00-3:00 **Parents Head to Distler, Students Head to Cohen**

A Conversation with Anthony Monaco, President of Tufts University, and Lee Coffin, Dean of Undergraduate Admissions, Distler Auditorium, Granoff Music Center

President Monaco and Dean Coffin will discuss the future of Tufts and the commitment to academic excellence, diversity, inclusion, global perspective, and the university's role in society. They will also address the academic and social support systems for students and answer questions. **This talk is for PARENTS ONLY.**

The First-Year Experience, Cohen Auditorium, Aidekman Arts Center

A panel of experts (students finishing their freshman year!) will talk about their first year and provide some advice on making the most out of your freshman year at Tufts. **This panel is for STUDENTS ONLY.**

3:15 **Thank You for Visiting!**

Farewell, Bendetson Hall

Join the Tufts Admissions staff and students for a light snack before your departure.

Optional Campus Tour

If you would like to take a tour of campus, there will be groups leaving from Bendetson Hall. Tours are one hour.

Other Events Happening on Campus

Wednesday, April 16th

- 10:30am **Passover Services & Lunch**, Hillel Center
12:00pm **Edward R. Murrow Forum on Issues in Journalism Featuring Arianna Huffington**, Cohen Auditorium, Aidekman Arts Center
8:00pm **Tufts Chamber Music**, Distler Auditorium, Granoff Music Center

Thursday, April 17th

- 4:30pm **HealthCare Strong Panel Discussion**, Lane Hall
5:00pm **7th Annual China-US Symposium**, Cabot Auditorium, Cabot Intercultural Center
8:00pm **Small Jazz Concert III**, Fisher Auditorium, Granoff Music Center
9:00pm **JAMNESTY: Tufts Amnesty Awareness Concert**, Hotung Café, Mayer Campus Center
10:00pm **You're a Good Man, Charlie Brown Musical Production**, Dewick Dining Hall

Friday, April 18th

- 12:10pm **Good Friday Ecumenical Service**, Goddard Chapel
12:45pm **Research Poster Presentations**, Tisch Library Lobby
3:00pm **Men's Tennis: Tufts v. Brandeis**, Voute Tennis Courts
3:00pm **AOII Sorority Charity Carnival**, Residential Quad
5:00pm **Passover Discussion about Hunger Issues**, Hillel Center
6:00pm **Shabbat Services and Dinner**, Hillel Center
7:30pm **Tufts Film Series Presents: Superbad**, Barnum Hall 008
7:30pm **Hawaii Club Luau**, 51 Winthrop St
8:00pm **A Night of Comedy featuring Kenan Thompson**, Cohen Auditorium, Aidekman Arts Center

Saturday, April 19th

- 11:00am **Women's Tennis: Tufts v. Trinity**, Voute Tennis Courts
12:00pm **Men's Baseball: Tufts v. Colby**, Huskins Field
1:00pm **Men's Lacrosse: Tufts v. Wesleyan**, Bello Field
4:00pm **Women's Tennis: Tufts v. Bates**, Voute Tennis Courts