Friday, October 16

**Family Weekend Check-in**  
11:00 a.m.–5:00 p.m.  
Alfred Lerner Hall, Broadway Lobby

**Coat Check**  
11:00 a.m.–7:00 p.m.  
Alfred Lerner Hall, Broadway Lobby

**Coffee!**  
11:00 a.m.–3:00 p.m.  
Alfred Lerner Hall, North Lobby  
Stop by any time for a caffeine break!

**Undergraduate Science and Engineering Research Showcase**  
11:00 a.m.–12:30 p.m.  
Alfred Lerner Hall, 1st Floor, Roone Arledge Auditorium  
Come learn about the amazing research Columbia students conduct across the engineering and science disciplines under the guidance of our world-renowned faculty. Columbia College and Columbia Engineering students will present their research findings in poster format.

**Campus Tour**  
11:30 a.m.–12:30 p.m.  
Departs from Alfred Lerner Hall, North Lobby  
Current undergraduate students will lead this information-packed campus tour and provide a student perspective on academic and co-curricular life at Columbia.

**LGBTQ @ Columbia**  
11:30 a.m.–12:30 p.m.  
Alfred Lerner Hall, 2nd Floor, Broadway Room  
Join LGBTQ @ Columbia for a workshop to explore the resources for Columbia LGBTQ students, allies, and families. Presented by Chris Woods, Assistant Director, LGBTQ Outreach.

**Morningside Heights Tour**  
11:30 a.m.–12:30 p.m.  
Departs from Alfred Lerner Hall, North Lobby  
With its great dining options and famous historical landmarks, Morningside Heights offers a rich and diverse landscape to its residents and visitors. This tour explores the history and evolution of the neighborhood and highlights various points of interest from 112th Street to 120th Street.
Beyond the Gates: Academics Abroad
12:00 p.m.–1:00 p.m.
Alfred Lerner Hall, 5th Floor, Room 555
Join the Office of Global Programs for a staff and student-led presentation on taking a semester abroad, the logistical elements of program choices, financial considerations, and academic credit, as well as a brief overview of other international opportunities and fellowships. Presented by Sara Ede, Associate Director of Global Education.

Columbia/Barnard Hillel – Kraft Center for Jewish Student Life
Open House and Tours
12:00 p.m.–2:00 p.m.
Kraft Center, 606 West 115th Street

Financial Aid Open House
12:00 p.m.–2:00 p.m.
Alfred Lerner Hall, 6th Floor
Visit the Office of Financial Aid and Educational Financing to meet the staff and enjoy light refreshments. Walk-ins are also welcome throughout the day from 9:30 a.m. to 4:30 p.m.

Toward Guidance of Surgical Interventions with Optics
12:00 p.m.–1:00 p.m.
Alfred Lerner Hall, 2nd Floor, Roone Arledge Cinema
There is a large range of diseases and therapies of the heart that can benefit from the information provided by a real time optical modality. It is my goal to develop tools for imaging the heart, which will provide cardiac electrophysiologists, cardiologists, and heart surgeons a view of the heart wall to aid in disease diagnosis and guide therapy. Professor Hendon will describe her laboratory’s efforts towards translation of optical coherence tomography (OCT) and near infrared spectroscopy (NIRS) combined with functional electrical analysis for monitoring and guidance of arrhythmia therapy.

Butler Library Tour and Columbia Archives Tour and Social
1:00 p.m.–2:30 p.m.
Departs from Butler 203
We invite you to join us in Butler Library, an intellectual center on campus, to hear about the ways students and faculty use our vast collections of books and online resources, take advantage of our research support services, and explore historical artifacts from the Columbia College archives. Then join Butler librarians for some cider and cookies!
**Berick Center for Student Advising Open House & CSArts Opening Reception**
1:00 p.m.–3:00 p.m.
Alfred Lerner Hall, 4th Floor, James H. and Christine Turk Berick Center for Student Advising
The heart of Columbia’s integrated advising approach, the Center warmly welcomes families and friends to tour the space and meet their student’s adviser. Learn about the academic resources available to Columbia College and Columbia Engineering students, and see the latest installment of CSArts, an initiative created to give students a space to showcase their artwork and music. Come mingle with staff and meet the talented artists behind the newest exhibit featuring work from Columbia’s visual and performing arts communities.

**Berick Center for Student Advising Peer Adviser Panel**
1:00 p.m.–2:00 p.m.
Alfred Lerner Hall, 5th Floor, Room 555
Sometimes it’s best to get the student perspective on things. Peer Advisers in the Berick Center for Student Advising are students who can bring personal perspective to advising conversations and offer firsthand accounts on their experiences with the Core Curriculum, choosing a major, extracurricular activities, and more. Join us for a panel with Peer Advisers from Columbia College and Columbia Engineering, moderated by Angie Carrillo, Associate Advising Dean.

**Dining as a Student-Athlete: A Columbia Athletics Workshop with Dining Services**
1:00 p.m.–2:00 p.m.
Dodge Physical Fitness Center, Lou Gehrig Lounge
Parents of student-athletes are invited to the Department of Intercollegiate Athletics and Physical Education for an interactive workshop hosted by Vicki Dunn, Executive Director of Columbia Dining. This workshop will educate participants about the various dining options available to the Columbia Lions!

**Robots with Hands: Where Are They?**
1:00 p.m.–2:00 p.m.
Northwest Corner Building, 5th Floor, Room 501
Robots are finding their way onto our roads (as autonomous cars) and into our homes (for example, as vacuum cleaners). However, none of these robots have arms and hands... What makes robotic manipulation so difficult in human environments? And where are the first places where we might see robot hands make a difference? We’ll try to answer some of these questions in this talk.
Art or Science? Aristotle and Hobbes on Political Expertise
1:00 p.m.–2:00 p.m.
Alfred Lerner Hall, 2nd Floor, Roone Arledge Cinema
Aristotle and Hobbes present fundamentally different ideas about what kind of expertise or knowledge is needed to govern well. Aristotle thinks of politics as an art, learned through practice and by observing master statesmen. Hobbes inverts this picture of politics, arguing that it is a kind of science and susceptible to precise demonstration. Both of these ideas of politics are visible in our politics today, but we often disagree about the areas of government where each is appropriate.

Columbia Health Open House
2:00 p.m.–4:00 p.m.
Alfred Lerner Hall, 5th Floor, Jed D. Satow Room
Parents and families play a critical role in supporting students as they negotiate the academic, social, and emotional transitions of the college years. Columbia Health offers many programs and services to support your student throughout these. Clinicians and staff members from Medical Services, Counseling and Psychological Services, Disability Services, Sexual Violence Response, Alice! Health Promotion, and Insurance and Immunization Compliance Offices will be available.

Jane Austen and the Visual Arts
2:00 p.m.–3:00 p.m.
Alfred Lerner Hall, 2nd Floor, Roone Arledge Cinema
Jane Austen refers to the visual arts in Pride and Prejudice almost as often as she refers to books. This talk looks at the role that portraits, miniatures, sketches, landscapes, and the picturesque play in Austen’s novel and in her sense of the artist’s career.

Letting Go: Challenges That Students and Families Face
2:00 p.m.–3:00 p.m.
Alfred Lerner Hall, 2nd Floor, Broadway Room
The college experience is full of transition for students—and for their families, too! Please join Dr. Cory Frank from Columbia Health’s Counseling and Psychological Services for a discussion about some of the concerns that new college students face, as well as the experience of this transition for family members.

Catalysis for a Sustainable Environment
2:00 p.m.–3:00 p.m.
Northwest Corner Building, 5th Floor, Room 501
This presentation will address the basic technology and research conducted by the Catalysis for a Sustainable Environment group within Columbia’s Earth and Environmental Engineering department, including new materials and processes to minimize greenhouse gas (carbon dioxide) from our environment.
**The Electronics Behind Funk, Grunge, and Psychedelic**  
2:00 p.m.–4:00 p.m.  
Seeley W. Mudd Building, 12th Floor, Room 1227  
Many classic electric guitar sound shaping devices are great vehicles for exploring the principles taught in undergraduate electrical engineering core courses. In this lab-based presentation, the wah, fuzz, and phaser circuit experiments from several of our undergrad lab courses will be demonstrated and discussed. Guitars will be provided.

**Tour and Demonstrations Inside the Mechanical Engineering Lab**  
2:00 p.m.–4:00 p.m.  
294 Engineering Terrace (between Fairchild and Computer Science Building)  
Drop in to see laser cutting, CNC milling, and 3D printing in action.

**Campus Tour**  
3:00 p.m.–4:00 p.m.  
Departs from Alfred Lerner Hall, North Lobby  
Current undergraduate students will lead this information-packed campus tour and provide a student perspective on academic and co-curricular life at Columbia.

**Can Mathematics and Computational Science Address the Impending Disasters Due to Climate Change?**  
3:00 p.m.–4:00 p.m.  
Northwest Corner Building, 5th Floor, Room 501  
What would happen if Hurricane Sandy happened but the sea-level had risen by a foot? Are hurricanes and typhoons like Sandy or Katrina more likely in the future due to climate change? Is the risk from total flooding due to tsunamis greater in the context of sea-level rise? These questions have become growingly critical to many communities that make their homes and livelihoods on the coastline as they more urgently ask the question, “What can we do about this threat?” Mathematicians and computational scientists have been attempting to answer questions like these through advances in models for the ocean and atmosphere, algorithmic developments, and the continued advancement of computing technologies. In this lecture we will discuss some of the ideas and advances in the field of computational modeling for storm surge and tsunamis and what the future might hold for coastal communities.

**Center for Career Education Student Panel**  
3:00 p.m.–4:00 p.m.  
Alfred Lerner Hall, 5th Floor, Room 555  
Come learn from Columbia College and Columbia Engineering students about their career exploration, internships, and other professional development experiences at Columbia.
Hostile Gods and Doomed Heroes: From Tragedy to Opera
3:00 p.m.–4:00 p.m.
Alfred Lerner Hall, 2nd Floor, Roone Arledge Cinema
Opera emerged at the end of the sixteenth century as an attempt to recreate Greek tragedy. However, the image of a world of irrational forces driving individuals to self-annihilation was incompatible with the spirit of modern theater. This lecture explores how opera and its musical reconfiguration of human emotions solved this paradox.

Columbia College Dean’s Welcome
4:00 p.m.–5:00 p.m.
Alfred Lerner Hall, 1st Floor, Roone Arledge Auditorium
Families of Columbia College students are invited to experience a true Columbia University welcome from James J. Valentini, Dean of Columbia College.

Columbia Engineering Dean’s Welcome
4:00 p.m.–5:00 p.m.
Low Memorial Library, Faculty Room
Families of Columbia Engineering students are invited to experience a true Columbia University welcome from Mary C. Boyce, Dean of The Fu Foundation School of Engineering and Applied Science.

Family Weekend Reception
5:00 p.m.–6:30 p.m.
Low Memorial Library, Low Rotunda
Join us for a casual reception to celebrate the end of a busy day. Meet fellow parents, mingle with staff representatives from offices across the University, and enjoy a glass of wine and light hors d’oeuvres with good company and live music. Be sure to wear some Columbia paraphernalia—you may receive a special gift!

Double-Decker Bus Tour of NYC
6:30 p.m.–8:30 p.m.
Departs from 116th Street and Amsterdam
Embark on a real NYC adventure! Ride a double-decker bus and experience the sights and sounds of the world’s greatest city. Preregistration is required, and this tour happens rain or shine.

Field Hockey vs. Penn
6:00 p.m.
Baker Athletics Complex, 218th Street near the corner of Broadway

Volleyball vs. Harvard
7:00 p.m.
Dodge Physical Fitness Center, Levien Gymnasium
New York Philharmonic
8:00 p.m.–9:30 p.m.
David Geffen Hall
10 Lincoln Center Plaza
Maurizio Pollini performs with the New York Philharmonic for the first time since 1994. Pick up pre-purchased tickets at the will-call window.

Just Added!

A Cappella After Party
8:30 p.m.–10:30 p.m.
John Jay Lounge
Keep the fun going after the reception with the Residence Hall Leadership Organization (RHLO), and enjoy the latest from select campus groups. Seating is first-come, first-served.

Columbia/Barnard Hillel – Kraft Center for Jewish Student Life
Shabbat Dinner (http://tinyurl.com/fw15cu)
8:15 p.m.
Kraft Center, 606 West 115th Street

Family Weekend Check-in
8:00 a.m.–11:00 a.m.
Alfred Lerner Hall, Broadway Lobby

Continental Breakfast
8:00 a.m.–11:00 a.m.
Alfred Lerner Hall, 1st Floor, Roone Arledge Auditorium

Coffee & Bagels with First-Year Hall Councils
10:00 a.m.–12:00 p.m.
Carman, Furnald, John Jay, and Wallach Halls
Join the first-year hall councils for coffee, bagels, and getting to know the spaces first-year students call home!

Like, Literally, LOL: Why It’s So Hard to Love Language Change
10:00 a.m.–11:00 a.m.
Alfred Lerner Hall, 5th Floor, Room 555
It’s one thing to say language change is okay, but another to actually experience it happening—so much of it seems juvenile, approximate, subliterate. Are linguists who decry prescriptivism truly engaging reality or just infected with an airy permissiveness? In this talk we will see why even the slangiest sounding neologisms are actually marvels of nuance and complexity.

Columbia/Barnard Hillel – Kraft Center for Jewish Student Life
Taste of NYC Brunch (http://tinyurl.com/fw15cu)
10:00 a.m.–12:00 p.m.
Kraft Center, 606 West 115th Street

SCHEDULE OF EVENTS
Columbia/Barnard Hillel – Kraft Center for Jewish Student Life
Open House and Tours
10:30 a.m.–12:00 p.m.
Kraft Center, 606 West 115th Street

Una Conversación a Cerca de la Universidad (A Conversation about College)
10:30 a.m.–11:30 a.m.
Alfred Lerner Hall, 5th Floor, Jed D. Satow Room
El capítulo escolar del Hispanic Scholarship Fund, quisiera invitarlos a participar en un dialogo a cerca de la educación universitaria y sus implicaciones. La discusión se llevará a cabo en español y ofrecerá información con respecto a el proceso sobre el camino hacia una educación universitaria. En el evento, habrá un panel compuesto de maestros, decanos, padres y consejeros financieros; que tienen un amplio conocimiento y experiencia en cuanto al proceso. Bebidas y aperitivos serán proporcionados.

Step Up, Columbia! Bystander Intervention Workshop
11:00 a.m.–12:00 p.m.
Alfred Lerner Hall, 5th Floor, Room 555
One of the most powerful roles that shapes our community at Columbia is that of a bystander. While support, assistance, and education are readily available for students who may be engaging in unhealthy behaviors (ranging from substance abuse to participating in bias-related behaviors), peers have incredible influence with each other in better decision making.

Berick Center for Student Advising Peer Adviser Panel
12:00 p.m.–1:00 p.m.
Alfred Lerner Hall, 5th Floor, Room 555
Sometimes it’s best to get the student perspective on things. Peer Advisers in the Berick Center for Student Advising are students who can bring personal perspective to advising conversations and offer firsthand accounts on their experiences with the Core Curriculum, choosing a major, extracurricular activities, and more. Join us for a panel with Peer Advisers from Columbia College and Columbia Engineering, moderated by Angie Carrillo, Associate Advising Dean.

Homecoming Carnival
12:00 p.m.–5:00 p.m.
Baker Athletics Complex, 533 West 218th Street
All Columbians—young, old, and in between—are invited to participate in face-painting, balloon-making, magic, games and interactive activities including a children and tween fencing clinic with the 2015 NCAA Championship Fencing Team.
Pre-game Picnic Under the Big Tent
12:00 p.m.–3:30 p.m.
Baker Athletics Complex, 533 West 218th Street
Enjoy a barbecue buffet lunch before cheering at the game Saturday. Each ticket includes an all-you-can-eat lunch, soft drinks, and admittance to the Columbia Homecoming Carnival. Lunch will be served 12:00 p.m.–3:30 p.m. Come back to the tent at halftime for mid-game dessert and refreshments.

Shuttle Buses to Baker Athletics Complex
12:00 p.m.–3:30 p.m.
Departs from 116th Street and Broadway
Complimentary shuttle buses will be available from the Morningside campus to and from Baker Athletics Complex, arriving approximately every 10 minutes starting at 12:00 p.m. Buses will depart from the gate at West 116th Street and Broadway and will return to campus immediately following the game. Alternatively, take the 1 train to 215th Street or take the A train to Inwood - 207th Street. For the most up-to-date information on all MTA transit schedules, visit mta.info.

Central Park Walking Tour
1:00 p.m.–4:00 p.m.
Departs from 116th Street and Amsterdam
Join local naturalist Ken Chaya for a guided tour of one of New York’s most visited landmarks.

Columbia Football vs. Penn
3:30 p.m.
Baker Athletics Complex, 533 West 218th Street

Volleyball vs. Dartmouth
5:00 p.m.
Dodge Physical Fitness Center, Levien Gymnasium

New York City Ballet
8:00 p.m.–11:00 p.m.
David H. Koch Theater, 20 Lincoln Center Plaza
The New York City Ballet presents 21st Century Choreographers at Lincoln Center.
Choose Your Sunday Adventure
All Day
Various Locations

Take a stroll in Central Park, Riverside Park, or across the Brooklyn Bridge

Central Park
59th Street to 110th Street (www.centralparknyc.org)

Riverside Park
Riverside Drive to Hudson River, W. 72 Street to St Clair Place
(www.nycgovparks.org/parks/riverside-park)

Brooklyn Bridge Pedestrian Walk (Just Over 1 Mile)
Manhattan side access: City Hall. Brooklyn side access (recommended for better views): Use either the intersection of Tillary Street and Boerum Place or via an underpass about two blocks from Front Street in DUMBO on Washington Street.

Ride a bike along the Hudson River
Rentals available at Bike & Roll, Pier 84 at W. 44th Street
www.hudsonriverpark.org

Walk the High Line Park
Multiple access points from Gansevoort Street & Washington Street to 34th Street and 12th Avenue
The High Line is a 1.45-mile-long New York City linear park built in Manhattan on an elevated section of a disused New York Central Railroad spur called the West Side Line. (www.thehighline.org)

Play a game of mini-golf at Pier 25 along the West Side Highway
225 West Street
pier25.com/mini-golf

Stroll down Manhattan’s Museum Mile
Fifth Avenue from 105th Street to 82nd Street
This stretch houses no fewer than nine world-class museums, most with shops and cafés. (travel.nationalgeographic.com/travel/city-guides/new-york-walking-tour-2/) Your student gets into many NYC museums for free with his/her Columbia ID!
**SUNDAY, OCTOBER 18**

**Visit the American Museum of Natural History**  
**Central Park West & 79th Street**  
The museum is renowned for its exhibitions and scientific collections—from dinosaur fossils to meteorites—which serve as a field guide to the entire planet and present a panorama of the world’s cultures. ([www.amnh.org](http://www.amnh.org))

**Soak in some Jazz at Lincoln Center**  
**Broadway & 60th Street**  
In the “Spirit of Swing,” Jazz at Lincoln Center aims to entertain, enrich and expand a global community for Jazz through performance, education, and advocacy. ([www.jazz.org/](http://www.jazz.org/))

**Ride the Staten Island Ferry, East River Ferry, or Circle Line**

**Staten Island Ferry**  
4 Whitehall Street ([www.siferry.com](http://www.siferry.com))

**East River Ferry**  
In Manhattan, terminals are at East 35th Street at FDR Drive and Pier 11, Gouverneur Lane at South Street, FDR Drive. The service connects Manhattan with various destinations in Brooklyn and Queens. ([www.eastriverferry.com](http://www.eastriverferry.com))

**Circle Line Cruise (2.5 Hours)**  
Pier 83, West 42nd Street and 12th Avenue ([www.circleline42.com](http://www.circleline42.com))  
Circle Manhattan as tour guides reveal Gotham’s hidden treasures.

**Options Vary by Vendor**

**See the sights at South Street Seaport**  
**19 Fulton Street**  
Enjoy food, museums, and shopping at the South Street Seaport, a historic area in Manhattan centered where Fulton Street meets the East River, adjacent to the Financial District. ([www.southstreetseaport.com](http://www.southstreetseaport.com))

**Experience the Cloisters Museum and Gardens**  
**99 Margaret Corbin Drive**  
This branch of The Metropolitan Museum of Art is devoted to the art and architecture of medieval Europe. The building and its cloistered gardens—located in Fort Tryon Park in northern Manhattan—are treasures in themselves. The Cloisters’ collection comprises approximately two thousand works of art. ([www.metmuseum.org/visit/visit-the-cloisters](http://www.metmuseum.org/visit/visit-the-cloisters))

**Tour the Museum of the Moving Image**  
**36-01 35th Avenue**  
Did you know that many NYC-based TV shows and movies are filmed in Queens? Travel to Astoria to go behind the scenes. ([www.movingimage.us](http://www.movingimage.us))