

Department of Architecture

The MIT Department of Architecture is dedicated to a socially responsible, technologically sophisticated, environmentally sensitive, and culturally engaging vision of architecture. It is also dedicated to a high level of research to engender a critical sense of self-consciousness for the discipline, with a heightened awareness of the evolution of debates, discourse, and polemics. The program is distinguished in that it includes within one department the many disciplines required for an architecture curriculum; more significantly, it creates the opportunity for each discipline to have specialized advanced degree programs. We incorporate outstanding research and teaching programs in each of five discipline groups: Architectural Design; Building Technology; Design and Computation; History, Theory, and Criticism (HTC); and Art, Culture and Technology (ACT). Following its merger with the Center for Advanced Visual Studies in 2010, ACT became a more autonomous entity within the School of Architecture and Planning; its academic component, however, including its subject offerings, is still under the administration of the Department of Architecture.

Graduate degrees offered are master of architecture (MArch); master of science in architecture studies (SMArchS); master of science in art, culture and technology (SMACT); and doctor of philosophy (PhD) with concentrations in building technology, design and computation, or history, theory, and criticism of architecture and art. Undergraduates can earn a bachelor of science in architecture (BSA) or a bachelor of science in architecture studies (BSAS) with concentrations in one of the five departmental discipline streams (architectural design; visual arts; building technology; history, theory, and criticism of architecture and art; or design and computation) and can minor in architecture and history of art and architecture.

The commonly shared attributes of the department that cut across all of the discipline groups are our devoted and spirited teaching, the grounding of architecture in both social and material issues, interdisciplinarity, and the remarkable internationalism of our faculty, students, teaching, and research. The faculty includes architects, landscape architects, urbanists, building technologists and engineers, historians of art and architecture, artists, and specialists in various areas of architectural research.

Personnel

Professor of building technology Leslie Norford served as associate department head, associate professor of architecture Andrew Scott served as MArch program director in the fall and coordinator of the professional degree accreditation project in the spring, associate professor of architecture J. Meejin Yoon was the undergraduate program director, associate professor of the history of architecture Arindam Dutta was the SMArchS program director, and associate professor of computation Takehiko Nagakura was the chair of the Committee on Graduate Students. Associate professor of architecture and urbanism Alexander D’Hooghe was named director of the Center for Advanced Urbanism, a joint venture with the Department of Urban Studies and Planning (DUSP). Together with discipline group directors, they served as a cabinet to meet with the department head in an advisory and coordinating capacity.

John Ochsendorf and Renée Ellen Green were promoted to full professor and Kristel Smentek to associate professor without tenure, effective July 1, 2013. David Friedman retired effective July 1, 2013. Two searches concluded with the appointment of assistant professor of architecture and urbanism Miho Mazereeuw (effective January 1, 2013) and assistant professor of the history of architecture Lauren Jacobi (effective July 1, 2013). A new search was launched for faculty in architectural urbanism.

Visiting Committee

The department held its biennial meeting with the Visiting Committee in April, chaired by Gregory Turner. Areas of discussion included the transition of leadership, the importance of raising the student population to achieve a critical mass, and the necessity of space, resources, and facilities to achieve it. Also discussed were the department's rising visibility within the Institute in spite of its small cohort, strengthening the architectural design core as a unifying discipline for the department, and possible improvements to the undergraduate experience. Finally, it was also emphasized that the department's unique position relative to research and design must be communicated to a broader community, both within MIT and beyond its walls.

Architectural Design

Faculty and Staff

Personnel listed in Architectural Design were professors Julian Beinart, Michael Dennis, Anton García-Abril, Adèle Naudé Santos, Anne Spirn (joint appointment with DUSP), Nader Tehrani, and James Wescoat; associate professors Alexander D'Hooghe, Mark Goulthorpe (on leave, spring), Andrew Scott, and J. Meejin Yoon; assistant professors Joel Lamere, Miho Mazereeuw, Ana Miljacki, and William O'Brien Jr. (on leave); senior lecturer Shun Kanda; professors of the practice Yung Ho Chang (spring), Philip Freelon (fall), and Sheila Kennedy; professor without tenure (retired) Jan Wampler (fall); principal research associate Reinhard Goethert; Belluschi lecturer Brandon Clifford; lecturers Cheri Abbanat, Lorena Bello (Independent Activities Period [IAP], spring), Matthew Bunza (spring), Yolande Daniels (fall), Oscar Grauer (spring), Mark Hash (spring), Young Joon Kim (spring), Parker Lee (IAP), Miho Mazereeuw (fall), Olga Mesa (spring), Franco Micucci (fall), Cristina Parreño, Skylar Tibbits, and Victor Trahan (spring); and technical instructors Christopher Dewart and Justin Lavalley.

Program Notes

The new required subject for incoming MArch students is dedicated to fabrication using the department's newly acquired state-of-the-art equipment and is intended to introduce the importance of "making" as a foundation for the transformation of the building industry, the interrogation of the means and methods of fabrication, and the production of innovative techniques of construction. Much work has gone into retuning the core sequence as a new series of junior leaders have stepped in to coordinate semesters 1, 2, and 3. A particular emphasis has been placed on the coordination between the various disciplines, the importance of technological speculation within an institute whose reputation and brand depends on it, and a broader focus on sustainability as a vehicle to bring the various elements of architectural pedagogy to synthesis within the third

semester. At the option studio level, a new emphasis on research work is emerging in order to bring the particular focus of the various faculty to prominence within the sequence of the pedagogy. The thesis program has also been recalibrated to bring advisors to students one semester earlier, to offer them design critiques, and to provide reviews at an earlier stage of conceptualization.

Studio study sites included Japan's northeastern coast, coastal Louisiana, Caracas, San Francisco, Providence, and the Salton Sea. The studio addresses issues such as building at and above the waterline, inflatable structures and the use of air as a structure for the architectural envelope, museum exhibition space, contemporary integrated housing design, building for a resilient city, and understanding urban voids.

The design discipline group lecture series organized by Lamere hosted Jeannette Kuo, Luke Bulman, Caitlin Lempres Bostrom, and Richard Peters in the fall and Cameron Wu and Jimenez Lai in the spring.

Admissions

Students in the MArch degree program are admitted at two levels: year 1 for those who come from undergraduate backgrounds in other areas of study and year 2 for those who come from undergraduate programs in architecture and thus receive one year of advanced standing in our 3.5-year graduate program. In spring 2013, there were 518 applicants; 51 were admitted, with 24 targeted for year 1 by the committees (resulting in 17 enrolled) and four targeted for year 2 (resulting in one enrolled). (These figures reflect raw data as of April 2013. Actual enrollment data as detailed in the annual Yearly Enrollment Report released in October 2013 can vary slightly.)

Faculty Activities and Achievements

Architectural design faculty members who also practice as architects include Beinart, Chang, Clifford, Dennis, D'Hooghe, Freelon, García-Abril, Goulthorpe, Kanda, Kennedy, Mazereeuw, Miljacki, O'Brien, Santos, Scott, Tehrani, and Yoon. Faculty members lectured widely, entered and placed in competitions, conducted research, and served as guest critics and jurors. They were well represented in the architecture and popular media, as well as in exhibitions worldwide. Selected individual achievements are as follows.

Julian Beinart was feted by current students and alumni following his last class of 4.241J/11.330J Theory of City Form.

Skylar Tibbits received a 2013 Architectural League of New York Prize, a Next Idea Ars Electronica Award, and the Visionary Innovation Award from the Manufacturing Leadership Summit. He started the Self-Assembly Lab at MIT and his 4D Printing Project, released at TED2013, has received extensive coverage.

Brandon Clifford received a 2013 Architectural League Prize for Young Architects and Designers, and his winning Design Biennial Boston project, "Helix," was exhibited at

the Boston Society of Architects space. The work associated with his 2011 SOM Prize in Architecture, Design, and Urban Design was published as *Volume: Bringing Surface into Question*.

In addition to completing architectural projects in Spain and Mexico, Anton García-Abril received a Royal Institute of British Architects Fellowship, and curated the Spanish Pavilion at the 2012 Venice Biennale with Debora Mesa.

Ana Miljacki organized the “Under the Influence” symposium at MIT, curated (with Howeler and Yoon) the Audi Urban Future Award project for the Boswash (Boston to Washington, DC) metropolitan region, received a Design Biennial Boston Award, and contributed to three books.

Cristina Parreño won second prize in the competition for the VIP lounge at the International Art Fair ARCO Madrid 2013 and received a commission for her Paper Chandeliers design for the ARCO Foundation Hall.

Nader Tehrani’s firm won five prestigious awards for designs ranging from silverware to residential and academic projects and received the commission to design the University of Toronto’s new School of Architecture and Planning. He was also selected for a curated exhibition of visionaries of digital architecture organized by Greg Lynn.

James Wescoat co-organized (with Aga Khan Planning and Building Services) the Workshop on Design for Social Change, held in December in Mumbai. He also contributed to two National Research Council Water Science and Technology Board reports.

Wescoat and Shun Kanda wrote about rapid visual site analysis for post-disaster landscape planning in *Landscape Review*.

Meejin Yoon received the 2013 Irwin Sizer Award for Most Significant Improvement to MIT Education.

Building Technology

Faculty and Staff

Personnel listed in Building Technology were professors Leon Glicksman and Leslie Norford; associate professors John Fernández (on leave), John Ochsendorf, and Christoph Reinhart; and lecturers Leonard Morse-Fortier (fall) and Andrea Love (spring). Glicksman served as director of the group while Fernández was on leave at the Singapore University of Technology and Design (SUTD). Norford continued as associate department head. Ochsendorf was promoted to full professor effective July 1, 2013.

Program Notes

The Edward and Mary Allen Lecture in Structural Design, a newly endowed lecture, will bring a leading structural designer to campus each year to share his or her work and interact with students. Joerg Schlaich delivered the inaugural lecture in October

2012 and critiqued student designs of a skybridge over Vassar Street. The program hosted three important events: a meeting of the Construction History Society of America organized by Ochsendorf; a two-day conference on high-performance buildings organized by Fernández in association with *dasHAUS*, an exhibition of advanced technologies for passive house design; and a sustainable urban design symposium organized by Reinhart. The Building Technology lecture series hosted Meredith Elbaum, Claire Maxfield, Stella Oggianu, Matthias Rudolph, Jelene Srebric, and Peter von Buelow.

Faculty Research

Faculty and their research groups continue to develop design tools for architects related to building energy, daylighting, natural ventilation for urban weather, building materials, urban energy and material flows, and structures. Projects include development of design tools to predict building energy use and urban heat island effects (Glicksman, Norford, Reinhart); work on natural ventilation designs with the US-China Clean Energy Research Center on energy efficient buildings (Glicksman); research on thermal properties of advanced aerogels used as building insulation and a prototype wall panel (Glicksman and Lorna Gibson of the Department of Materials Science and Engineering); studies of high-performance cooling systems, interactions of buildings with smart electrical grids, and thermal and fluid dynamics in the near-surface urban environment (Norford); a three-year study of the sustainability of Kuwait's built environment, supported by the Kuwait-MIT Center (Ochsendorf and Reinhart); research on structural design, masonry mechanics, and the history of construction and sustainable design (Ochsendorf); the release of *umi* (urban modeling interface), a new urban modeling environment for operational energy use, daylighting, and urban walkability (Reinhart); work on understanding the resource intensity of urban economies, including production of an online tool to offer quick assessments of per capita energy and material intensity at various scales; and the first large-scale typological characterization of the urban resource intensity of global cities (the Urban Metabolism Group, led by Fernández).

Faculty Achievements

Leon Glicksman received the 75th Anniversary Medal from the American Society of Mechanical Engineers' Heat Transfer Division.

Leslie Norford was appointed Singapore–MIT Alliance for Research and Technology (SMART) professor of the built environment for 2013 in recognition of his work as lead investigator of the Center for Environmental Design and Modeling, a SMART interdisciplinary research group.

John Ochsendorf curated *Palaces for the People: Guastavino and America's Great Public Spaces*, an exhibition supported by the National Endowment for the Humanities; the exhibit, on view at the Boston Public Library from September 2012 to February 2013, had more than 40,000 visitors. Also, Ochsendorf delivered the Gilbreth Lecture at the National Academy of Engineering in October 2012. The Mapungubwe Interpretive Centre in South Africa, designed in consultation with Ochsendorf and his students, received the 2012 Wienerberger Brick Award in Design.

John Fernández completed his second book, *Sustainable Urban Metabolism* (coauthored with Paulo Ferrao), to be released by the MIT Press in fall 2013. While on leave at the Singapore University of Technology and Design, Fernández served as lead faculty of the Sustainable Built Environment Grand Challenge, was codirector of the International Design Center, and contributed to the development of the Center for Innovative Cities. He continued to serve as head of pillar for the SUTD Architecture and Sustainable Design Department.

Together with PhD candidate Alstan Jakubiec and Eduardo Berlin from the Modern Development Studio, Christoph Reinhart developed the Cambridge Solar Map, an online service that allows homeowners to evaluate the potential of installed photovoltaic solar cells on their rooftops. The map has been visited over 30,000 times and has been featured in, among other publications, *Smithsonian* magazine (March 2013), *ArchDaily* (June 2013), and *Atlantic Cities* (October 2012). The underlying simulation technologies were published in *Solar Energy* and licensed by MIT's Office for Technology Development to Mapdwell, a new startup that will expand the technology to other cities.

History, Theory, and Criticism of Art and Architecture

Faculty and Staff

Personnel listed in History, Theory, and Criticism were professors Stanford Anderson, Mark Jarzombek, Caroline Jones, Nasser Rabbat, and James Wescoat; associate professors Arindam Dutta and David Friedman (on leave); assistant professor Kristel Smentek (on leave, fall); and lecturers Christopher Drew Armstrong (fall) and Kazys Varnelis (fall). Jones served as director of the group. Jarzombek completed a sixth year as associate dean. Dutta completed his third year as director of the SMArchS program. Friedman retired effective July 1, 2013.

Program Notes

Thanks to the leadership of Santos and Tehrani, HTC for the first time was able to offer summer funding as part of the Presidential Award package for incoming and already admitted PhD students, allowing the program to be highly competitive on its merits rather than losing candidates due to funding levels. In June, the occasion of Friedman's retirement was observed with a public symposium, "Deeper History," attended by three of HTC's founding faculty members (Stanford Anderson, Wayne V. Andersen, and Henry A. Millon). Jarzombek took on the challenge of turning his successful 4.605x A Global History of Architecture class into a massive open online course.

Admissions

In spring 2013, HTC received 84 applications (69 PhD and 15 SMArchS). Faculty ranked 15 PhD applicants into three lines; of the five candidates admitted, four accepted admission for fall 2013. Two SMArchS applicants were offered admission and both accepted

Selected Faculty Activities and Achievements

HTC faculty conducted research travel and lectured worldwide. Their work was well represented in essays, book chapters, conferences, and exhibition catalogues, as well as on advisory boards. Selected accomplishments include the following: Caroline Jones received a prestigious Radcliffe Fellowship for the 2013–2014 academic year; Mark Jarzombek co-organized a two-day workshop, “Teaching the Global History of Architecture,” that examined current challenges in the field; and Tongji Press published a Chinese edition of Stanford Anderson’s book *Eladio Dieste: Innovation in Structural Art*.

MIT Program in Art, Culture and Technology

The MIT Program in Art, Culture and Technology focuses on art as a research practice, developing methods for critical design investigation and experimentation as well as models for collaboration in culture engagement. The unit resides outside the department and reports directly to the dean of the School, although the academic side of ACT continues to be administered through the department.

Faculty and Staff

Personnel listed in the program were associate professors Ute Meta Bauer (on leave), Ellen Renée Green, and Gediminas Urbonas; assistant professor Azra Aksamija; professor without tenure (retired) Joan Jonas (fall); visiting professor Antoni Muntadas (spring); and lecturers Howie Chen (spring), Florian Hecker (spring), Angel Nevarez, and Jesal Kapadia. Green served as director of the program and was promoted to full professor effective July 1, 2013.

Program Notes

For additional information on the program, refer to ACT’s separate report to the president.

Design and Computation

Faculty and Staff

Personnel listed in Design and Computation were professors Terry Knight (on leave, spring) and George Stiny, associate professors Takehiko Nagakura and Lawrence Sass, associate professor of the practice Dennis Shelden (fall), principal research scientist Kent Larson, and lecturer Mine Ozkar (spring). Nagakura served as director of the group.

Program Notes

The group hosted talks by Paul Crowther, Neeraja Balachander, and Mark Johnson in the fall and by Bige Tuncer, Caitlin Mueller, Ryan Schmidt, Zoe Coombes, and Maggie Orth in the spring. The group’s faculty prepared to move to a consolidated new space in Room 7-304.

Selected Faculty Achievements

Lawrence Sass played a leadership role in the new MIT/Tata Center frugal engineering program in India and continued in the multiyear research program (2010–2019) with SUTD to teach, develop courses, and engage in studies in prototyping and manufacturing.

Terry Knight was a participant and grantee in Santander–Top USA Massachusetts, a new joint research and exchange program between universities in Brazil and Massachusetts, and was the keynote speaker at the Digital Alberti conference in Portugal.

Takehiko Nagakura offered a new collaborative workshop, Palladio Digitale, to bridge computational research activities, the technology industry, and history as a discipline. His film *Palace of Soviets* was shown at the *Le Corbusier in Moscow* exhibition.

Master of Science in Architecture Studies Program

The SMArchS is an advanced degree that reflects the idea that architecture and its ancillary disciplines are not just professional pursuits but also fields of knowledge and inquiry. The program is organized into six areas of study representing disciplines taught in the department: architecture and urbanism; building technology; design and computation; history, theory, and criticism; the Aga Khan Program for Islamic Architecture; and, new this year, architectural design. Dutta served as program director. Goulthorpe led the new design stream.

The new design stream attracted the highest number of applications among the discipline streams, reflecting a substantial interest in this area of study. A faculty committee has been convened to oversee course offerings and students in this area, which is seen also as providing a synthetic role for cross-disciplinary initiatives. The SMArchS committee was successful in restructuring the overall admissions process to better allocate and achieve desired target populations but recognizes that more work is needed to address concerns across disciplines. SMArchS admissions results in spring 2013 were 333 applications, 38 admitted, 28 targeted, and 28 enrolled.

The program realized a long-term goal to strengthen its sense of identity when renovations began for a common room equipped with meeting space, work and storage space, and a pantry. The thesis structure continued to be formalized to allow more cross-disciplinary input. The faculty colloquium received additional funding to bring in higher profile speakers and will continue to work to ensure that all fields are adequately represented.

Undergraduate Program

The undergraduate program is a pre-professional degree program that prepares students for a master of architecture professional degree program. Design education focuses on studios supplemented by coursework in building technology; computation; history, theory, and criticism; and the visual arts. Undergraduate majors may choose to focus on these disciplines in lieu of architectural design following established curricular requirements. Yoon, Norford (in his role as undergraduate officer), and administrator for

academic programs Renée Caso continued to support and strengthen the undergraduate experience. Faculty members who served as undergraduate advisors, in addition to Norford and Yoon, were Aksamija, Glicksman, Knight, Ochsendorf, Sass, Smentek, Spirn, Stiny, Urbonas, and Wescoat.

The Departments of Architecture and Urban Studies and Planning jointly offered “Discover Architecture and Planning” at the Institute’s Freshman Pre-Orientation Program in August, with nine participants. The department participated in the Minority Introduction to Engineering and Science program in the summer of 2012 by offering financial support for an architecture design component.

A new course open to all majors, 4.110J/MAS.330J Design Across Scales: Integrative Design across Disciplines, Scales, and Problem Contexts, was taught by Yoon and assistant professor of media arts and sciences Neri Oxman through the support of the d’Arbeloff Fund for Excellence in Education and the MIT Center for Art, Science & Technology (CAST). The goal was to create a new pedagogical platform for design education that cuts across various disciplines and scales. The course explored the relationships among design, science, and engineering and examined how transformations in science and technology have influenced design thinking and vice versa. Twenty undergraduates from five majors enrolled, along with three Wellesley exchange students and 19 graduate students from across MIT and Harvard.

In an effort to promote greater intellectual rigor and independent thinking, we continue to encourage our undergraduates to complete a senior thesis. Five seniors completed theses this spring reflecting a range of areas of concentration, from architecture design to computation and building technology.

Eight sophomores entered the department in 2012–2013, joining 13 juniors and 16 seniors to bring the total number of undergraduate majors to 37.

Aga Khan Program for Islamic Architecture

The Aga Khan Program for Islamic Architecture (AKPIA) at MIT is a leading program in the study of architecture in the Islamic world. Outreach activities included a lecture series, a travel grant program open to all students in the School of Architecture and Planning, and a visiting postdoctoral program. Faculty, listed in the department under the History, Theory, and Criticism Program, were professors Nasser Rabbat, director of the program, and James Wescoat. In 2012–2013, the program numbered seven PhD and six SMArchS students.

Program Activities

AKPIA admitted one new PhD student and three new SMArchS students and graduated two SMArchS students in 2012–2013. The program hosted three postdoctoral fellows (Suna Cagaptay, Beniamino Polimeni, and Cinzia Tavernari), each of whom presented a public lecture. In addition, AKPIA hosted talks by Pamela Karimi, Nancy Steinhardt, Claire Anderson, and Christiane Gruber, as well as presentations by travel grant recipients Mariko Davidson, Sofia Lopez, Layla Shaikley, and Jenine Kotob. In April, Rabbat organized an AKPIA symposium, “Right to Architecture.”

Faculty Activities

Rabbat published and lectured widely; served on a number of boards, including those of the Qatar Foundation, the *International Journal of Islamic Architecture*, and the *Journal of Modern Art and the Arab World*; and co-organized an Islamic architectural history PhD dissertation workshop in Honolulu. Wescoat offered new subjects on green infrastructure planning and landscape theory, contributed to a book and monograph on the Indus Basin in Pakistan and the Himalayan glaciers, addressed historical and contemporary water and natural hazards issues in the region in other publications, served on the Task Force on Disaster Risk Reduction in Village Planning for the Aga Khan Development Network and MIT campus planning committees, and chaired the National Research Council's Committee for Strategic Research for Integrated Water Management in Large Deltaic Regions.

Across the Department

Enrollments

As of October 2012, Course 4 counted a total of 265 students: 37 undergraduates and 228 graduate students. Graduate students were enrolled as follows: 116 MArch, 47 SMArchS, 5 SMBT, 11 SMACT, 41 resident PhD, and 8 nonresident PhD. (Note that Center for Real Estate students are no longer counted in the Department of Architecture in the Institute's annual Yearly Enrollment Report.)

Lectures

The fall department guest speakers were Christian Kerez, Anton García-Abril, Franco Micucci, Yolande Daniels, Michael Sorkin, Tomas Saraceno (cosponsored by CAST), and Masaaki Kanai and Hartmut Esslinger. In the spring speakers were Jose Selgas, Wolfgang Lorch, Nasrine Seraji, Young Joon Kim, Victor Trahan, Valerio Mosco, and Mario Carpo. Toyo Ito, 2013 Pritzker Prize laureate, presented a special lecture on May 30. Joerg Schlaich presented the inaugural Edward and Mary Allen Lecture in Structural Design. Benedetta Tagliabue presented the 19th Pietro Belluschi Lecture. Matthias Kohler presented the 7th Goldstein Architecture, Engineering, and Science Lecture. Patricia Patkau presented the 24th Schein Lecture. Discipline group lectures are mentioned in the relevant sections above.

Publications and Exhibitions

Thresholds, edited and produced by students, is a journal noted for developing diverse architectural themes in each issue with contributions from both within and outside MIT. The themes were "Socio-" for issue number 40 (edited by Jonathan Crisman) and "Revolution!" for issue number 41 (edited by Ana Maria León). Keller Gallery exhibitions curated by Sarah Hirschman were *Objects by Architects* (September), *Form Active Textiles—Felecia Davis* (October), *Certain Aspects of Architectural Form—Liam O'Brien Jr.* (November), and *DUSP Greenhouse* (December/January). Irene Hwang joined the staff in the spring as coordinator of publications and exhibitions to help develop strategies for department publications and to oversee installations in the Keller Gallery. Exhibitions included *Fair Use* (February), *Feelings Contexts* (March), *Incremental Change* (April), and *Beginnings: Drawing Early Architecture* (May–August).

Architecture Student Council

The Architecture Student Council (ASC) reaches out to the department as an entirety and acts as a student representative body for academic affairs. Because the department has a relatively small student population, ASC serves as an umbrella organization to facilitate the varied interests of students. ASC leaders for the 2013 calendar year were as follows: Ulises Reyes and Susanno Pho, co-presidents; Rena Yang, secretary; and Elizabeth Galvez and Wenfei Xu, co-treasurers. Programs and events in 2012–2013 included an ice cream social, an interdepartmental BBQ, outreach activities with Harvard and DUSP, “Brunches for Anonymous 8” events (subsidized by Graduate Student Life grants), Friday night happy hours (in association with DUSP), “thesis helpers,” fireside chats and town hall meetings with the department head, and the Beaux-Arts Ball (with Harvard).

Nader Tehrani
Department Head