The elements may have forced indoors the long awaited festivities, but the spirit and enthusiasm remained undaunted throughout an informal two-hour toast to Charles M. and Rebecca Vest, known fondly as Chuck and Becky, in honor of their 14 years at MIT.

Hundreds paid tribute to “The Vest Years” during a 70-minute program in the Kirsch Auditorium and a two-hour festival on the “student street” inside the Stata Center on Saturday, Sept. 18. Professors, students, staff and their families greeted the honored guests on that rainy afternoon as they walked along the indoor street lined with food stalls, games, jazz combos, a cappella singing groups, and even a 12-foot-tall Elvis impersonator.

In the program portion of the day, speakers representing the entire MIT community honored the man who described himself as MIT’s “chief symbol” of the last decade and a half. Host Philip Khoury, dean of the School of Humanities, Arts and Social Sciences, noted what all had come for—to “pay tribute to Chuck Vest and his 14 superb and exciting years” as MIT president.

Though the Vests have hosted many celebrations for various honorees in more than a dozen years, this was the first in

Crowd celebrates ‘The Vest Years’

$11M gift buoys study of marine microbes at MIT

Marine microbes shape the chemical composition of the Earth’s oceans and atmosphere, yet we know essentially nothing about them. Now, thanks to major grants from the Gordon and Betty Moore Foundation, MIT researchers aim to learn dramatically more about some of the most important organisms on the globe.

Professors Penny Chisholm and Ed DeLong are among the four Moore Foundation investigators in Marine Science selected nationally. Each inaugural investigator will receive almost $5.5 million over the next five years through the foundation’s new marine microbiology initiative, which was established to “generate new knowledge regarding the composition, function and ecological role of microbial communities in the world’s oceans,” according to foundation literature.

President Charles M. Vest applauded the Moore Foundation for its decision to make this major commitment to understanding the genetic inventory of microbial ecosystems in the ocean and the role they play in critical planetary processes.

“This marine microbiology initiative will generate important new knowledge for the future of our planet and will establish the Gordon and Betty Moore Foundation as a leader in funding scientific research in this emerging field,” said Vest.

Dean of Engineering Thomas L. Magnanti said the work of Chisholm and DeLong exemplifies MIT’s strong commitment to serving the MIT community in their honor at the Stata Center. In fact hundreds enjoyed the gala festivities as they paid tribute to the “Vest Years at MIT.”
First faculty meeting sets optimistic tone

President Charles M. Vest announced the formation of a task force for the MIT Community, which held its first meeting Sept. 17. Vest has asked the task force to review and articulate the appropriate goals for MIT’s programs to provide health care and health insurance to our undergraduate and graduate students, employees and retirees in terms of access to care, quality of care, and the costs of providing care.

In carrying out its work, the task force will review and assess how well current arrangements are achieving these goals. The task force will also be asked to consider what long-term goals the MIT Community can reasonably expect, given the financial resources available in the Boston area.

In their comments, current and former faculty officers emphasized many of the Institute’s initiatives that had been announced by Vest, including plans to increase faculty compensation and benefits for faculty and academic staff, and costs of renovation and renewal of MIT’s campus facilities.

In response to a question from Paul Gray on the cost and sustainability of OCW, Marianne Howard noted that the original projections on OCW—using out-of-pocket costs of $100 million—have been adjusted. “We’ve been pleasantly surprised to see that we have driven the creative and teaching talent to make OCW a success in the global educational marketplace. OCW will cost about $5 million a year to sustain,” she said.

OCW report extols progress

We’ve heard from people in Afghanistan, Iraq, the Sudan. Imagine what it means that they find our site even with a civil war going on.

Anne Margules
Executive Director of OCW

This is an appropriate time to perform a comprehensive review of MIT’s health care and health insurance programs to ensure that they are well matched to the needs of the MIT community in light of the rapidly changing health care market and the expansion of health care coverage provided by employers such as the state of Massachusetts.

Faculty on the task force include Joskow, Mary Boyce (mechanical engineering), Gerald Fink (biology and the Whitehead Institute for Biomedical Research) and Lydia Chilton, a senior in economics.

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McGovern Institute names Desimone as director

Sarah H. Wright

The McGovern Institute at MIT, a leading research and teaching institute committed to advancing the understanding of the human mind and communications, announced Sept. 20 the selection of Rob- ert Desimone as its new director, pending approval of his appointment as a tenured professor at the institute. Desimo- ne is currently the scientific director of the Intramural Research Program of the National Institutes of Mental Health.

Desimone will succeed founding direc- tor Phillip A. Sharp, a Nobel laureate and professor of biology at MIT, who has led the McGovern Institute since it was established in 2000. He has been responsible for the establishment of its world-renowned faculty, its groundbreaking work in the investigation and understanding of the systems and processes underlying human cognition.

"I am extremely grateful for the opportu- nity that I have had to oversee the creation of this important institute and to work with its investigators, who represent some of the most distinguished scientists working in the field of neuroscience today," Sharp said. "Bob is a wonderful scientist and leader and we are very proud that he has accepted the directorship of the McGovern Institute. His vision will lead the institute in the ultimate scientific adven- ture, understanding the human brain."

"Phil Sharp has been an outstanding leader of the McGovern Insti- tute since its inception. In that role, he has worked to build an institute that is world-leading in its research and innovative in its approach," said Desimone. "I am honored by the opportunity to lead the McGovern Institute, which has world-class faculty and staff in working not only in neuroscience, but in so many of the related fields that will remain a mainstay of major research efforts in the next century."

"We all feel pretty excited about Sue's decision. At the same time, it raises a chal- lenge for the Whitehead Institute to find a new leader," said Page.

Lindquist will resign as Whitehead director as of November

Denise Brehm

Susan Lindquist announced on Sept. 14 that she will step down as director of the Whitehead Institute on or about Nov. 1 to devote herself to research. Lindquist is a professor of biology at MIT and a pioneer in the field of molecular and cellular biology. She also has been a leader in the Whitehead and the Whitehead/MIT affiliation, which Chisholm co-directs with Professor Kip Hodges of the Department of Earth, Ocean and Atmospheric Sciences.

"It is with great pride that we have this remarkable scientist in our Whitehead community that has been greatly strength- ened by her leadership," the statement said.

The board recognizes that Dr. Lindquist has been an extraordinarily effective director during a period of transition unprecedented in the institute’s history. In the past three years, she suc- cessfully implemented the transition of the Whitehead/MIT Center for Genome Research into the newly established Broad Institute while preserving opportuni- ties for joint scientific programs with Whitehead and the Broad. She also negotiated important improvements in the Whitehead/MIT and the Whitehead/MIT and the Whitehead Institute in 1991 from the University of Chicago, where she was a professor of Cell Biology, the department of molecular genetics and cell biology, and a Howard Hughes Medical Institute Investigator.

"The scientific trajectory that Sue’s on is exceptional. The output of her lab has been outstanding for many years, as it has for her lab, there is a higher level of achievement in the last three years," said her colleague David Page, a professor of biology and Whitehead researcher. "There are prizes in Sue’s future."

"Lindquist is well known for her work on proteins in yeast and fruit flies; her research provided the evidence for a new form of genetics based on the inheri- tance of proteins with new, self-perpetuat- ing genomes. This work provided a frame- work for understanding diseases such as Alzheimer's and mad cow, that are marked by changes in the brain, a process that becomes more and more important as we learn more about the natural microbial world. The Moore support represents an incredible, enabling boost to our efforts, and that of the field as a whole. This is a voyage of discovery, and is contributing to both knowledge creation as well as applied tools and technologies for basic and therapeutic research that should foster the study of brain circuits, systems biology, sensor technology, and ocean engineer- ing," said Page.

"I am thrilled about the Moore fund- ing because it allows us to take more risks in our research and refocus us on our annual grant-writing pressure. But I am even more excited about the visibility the Moore marine microbiology initiative will give our work. The introduction of genomic analysis techniques to the sea has triggered an exciting paradigm shift in biological oceanography and the Moore initiative will play a key role in this," said Chisholm, the Lee and Geraldine Martin Professor of Environmental Studies, who holds appointments in the Department of Ocean and Earth Science and Engineering (CEED) and the Department of Biology.

DeLong, who joined the MIT faculty in July after five years as director of the Monterey Bay Aquarium Research Institute, is well known for his ongoing new approaches for studying microbes.

"The broad activities of my lab are all centered on the use of new technologies, especially genomic technologies, to learn more about the natural microbial world. The Moore support represents an incredible, enabling boost to our efforts, and that of the field as a whole. This is a voyage of discovery, and is contributing to both knowledge creation as well as applied tools and technologies for basic and therapeutic research that should foster the study of brain circuits, systems biology, sensor technology, and ocean engineer- ing," said Page.

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Among the highlights of the speaking program were:

- A presentation by David Briggs, director of Lincoln Laboratory, naming asteroid number 32222 "situated about a third of the way between Mars and Jupiter" after Charles M. Vest;
- Professor Anne McCants' announcement that "Chuck Vest has been selected into the Xi Chapter of Phi Beta Kappa," the organization of which Becky Vest has been a member since the two dated at the University of West Virginia;
- An official notice from Dean of Admissions Marilee Jones that Chuck Vest has now been admitted to MIT "with the application fee waived."

Vest was also given a symbolic key to his new office, on the sixth floor of the Stata Center.

Representing MIT students, Erich Caulfield, a graduate student in electrical engineering and computer science, introduced Vest to an appreciative crowd. Caulfield reminded the audience that at the 2004 Commencement ceremony, Vest had expressed his gratitude that he would never again have to follow the eloquent graduate student to a podium.

Caulfield, who peppered his praise of Vest in bursts of amusing alliterative phrases, ended in a more serious tone. "Thank goodness we've had a chance to live and learn at the MIT that Chuck built," Caulfield said.

Greeted with a standing ovation, Vest, in his trademark humble tones, thanked all for "coming out on such a miserable day and making it so bright inside for us."

He also noted that he and Becky have enjoyed "a 14-year honey-moon at MIT and we are privileged to share our lives with you."

He went on to thank the many people "who do not have fancy titles" at MIT and listed plumbers, exterminators, "and the MIT police who saved Becky's life." He also expressed a special thanks to his longtime personal assistant, Laura Mersky, who sat in the audience.

"We have been privileged to share our lives with you these last 14 years," President Charles M. Vest told a Kirsch Auditorium audience as Rebecca, his wife of 41 years, looks on.
Solar power panels installed on Hayden Library roof

Heather Denny
MIT Libraries

There’s certainly a lot of brainpower generated under the roof of Hayden Library, and now there will be another kind of power generated on the roof as well.

Cranes hoisted 42 solar panels to the roof of the library on the morning of Sept. 15 to create a photovoltaic system that will harness sunlight for solar power. This is the third such solar power panel installation at MIT—others are on the roofs of the Student Center and Building N52—but the installation on Hayden Library is the largest.

The library’s roof was selected by MIT’s Department of Facilities for its ideal southern exposure, according to Laxmi Rao, a senior project manager with the department, who said she expects it can sign off on operational by the end of the year.

“The project is part of an ongoing initiative that Rao and others have been involved in to reduce MIT’s emissions footprint.” In 2002, the MIT Community Solar Power Initiative was awarded a $455,700 grant from the Massachusetts Renewable Energy Trust for solar installations on campus and on MIT community members’ homes in several cities and towns, including Cambridge.

“The Libraries are thrilled to be a part of this project,” said Ann Wolpert, director of Libraries. “It’s a great opportunity for us to incorporate environmentally friendly technology and be a good neighbor to the Cambridge community.”

The 13-kilowatt system on the library’s roof is expected to generate around 15,500 kilowatt-hours a year—roughly equivalent to the energy needed to power two homes for a year. The production of the electricity will result in zero greenhouse gas emissions and will supplement power provided by MIT’s co-generation plant on Vassar Street.

The other two solar power panel installations on campus generate a combined total of 11,500 kilowatt-hours.

To learn more about the MIT Community Solar Power Initiative and view photos of solar power panel installations, go to http://solarpower.mit.edu.

Gorgeous gourds

The harvest season has begun and the MIT Glass Lab reaped a good one, as displayed at Sunday’s glass pumpkin sale.

Sporting skins not often found in nature, the 1,200 glass pumpkins drew hundreds of buyers and browsers. The event on Kresge Oval was scheduled to begin at 10 a.m., but the line to get into the patch started forming an hour beforehand.

By opening time the line stretched from the oval to Massachusetts Avenue, ran down the street and wound around to Amherst Street.

The Glass Lab made about 400 sales totaling $10,000, $20,000 more than last year’s total, said Peter Houk, director of the lab. The reason for the increase was not more pumpkins, but more high-end pumpkins. Prices ranged from about $30 to more than $300.

“It’s really important to me that we have a lot of pumpkins for people who can’t afford to spend more than $30 to $40,” said Houk, who does not plan to do a pumpkin sale next year to meet demand. “I don’t want to run a program that’s just about pumpkins,” he said.

After deducting for materials, the sale netted about $80,000 to put toward the purchase of materials and equipment for the lab, which is located in the Department of Materials Science.

In the photo above, shoppers choose pumpkins from the patch.

Admissions creates web portal for high school students

The MIT admissions office launched a new web portal on Monday (Sept. 13) designed specifically for high school students.

Called “MyMIT,” the portal (at http://admissions.mit.edu) will serve as a bridge between the Institute and prospective MIT students, transcending standard viewbooks and other print material by taking advantage of the web’s interactivity.

“MyMIT,” as it is officially named, will provide easy access to key MIT admissions information. By personalizing admissions processes, we will not only develop lasting relationships with candidates and communicate the true nature of our institution, but we will also be able to engage students earlier in the process,” said Dean of Admissions Martin Jones.

Prospective students can customize their portal to fit their preferences. For example, a student who indicates interests in engineering, tennis and piano will receive related features and news from the engineering, athletic and music departments. Articles will be updated to encourage frequent visits.

Three faculty named to TR100

Three MIT faculty members and 20 MIT affiliates are among the TR100, the list of top young innovators in technology named annually by Technology Review. The TR100 will be honored by the magazine next week at its Emerging Technologies Conference in Kresge Auditorium Sept. 23-24.

Vladimir Bulovic, associate professor in the Department of Electrical Engineering and Computer Science, and Martin Culpepper, assistant professor in the Department of Mechanical Engineering, were named to the list in the Nanotech category, and Darrell Irvine, assistant professor in the Department of Materials Science and Engineering, was named in the Materials category.

Among them are 100 researchers under age 35 from around the world whose work “is transforming the nature of such fields as biotechnology, computing and nanotechnology,” according to Technology Review. The researchers are named in the magazine’s October issue.

Keynote speakers at next week’s conference will include Tim Berners-Lee, director of the World Wide Web Consortium, Bob Metcalfe, founder, 3Com Corp., and Michael Hawley, director of special projects at MIT.

Internetworking devices is focus of conference

Extending the Internet to everyday devices is the focus of an MIT conference Oct. 1 that will bring together many of the original Internet architects and their current counterparts.

Imagine connecting the lights and switches in a building to the Internet. Enabling those components to “talk” to each other could reduce energy costs, improve energy efficiency, and enhance the flexibility of buildings.

Today, however, networking such everyday devices is stymied by multiple competing incompatible standards. Indeed, device networks are encountering many of the same challenges faced by the Internet as it grew, and repeating some of the same mistakes.

The Oct. 1 conference, hosted by MIT’s Center for Bits and Atoms (CBA), will look back at the lessons learned about scaling the Internet, and look ahead to extending the Internet from conventional computers to everyday devices.

The conference will also feature a new approach to the problem developed by CBA Director Neil Gershenfeld and colleagues from MIT and Xon Microsystems (a CBA industrial partner). Dubbed Internet 0 (zero), “Interde-vice Internetworking” through “end-to-end modulation,” the system is intended to be backward compatible with multiple standards for wired, wireless, optical, acoustic and printed communications.

The conference will be held in the Barton Theater of MIT’s building E15, starting at 9 a.m. The agenda and background information on Internet 0 are available online at http://cb.mit.edu/events/04.09.01/.

Attendance is based on available space. To register, contact Susan Murphy-kottari at susan@mit.edu.
Caravan of 23 enviro-friendly vehicles travelled to MIT

New England’s first alternative transportation caravan with more than 23 vehicles powered by alternative, hybrid and other more efficient, sustainable fuel systems wound its way from the Larz Anderson Museum of Transportation in Brookline to the MIT campus on Friday, Sept. 17.

The caravan, which was escorted by an alternatively fueled state police car, lacked a following when it began its alternative transportation event. This year the event was co-hosted by MIT, which is home to several laboratories working on environmentally friendly, alternative vehicles.

The five-mile caravan route ended at MIT’s Kresge parking lot, where the public was invited to learn about the latest innovations, as well as some historical examples, in alternative transportation.

The goal of the caravan and weekend festival is to demonstrate to the public that alternative transportation is being developed and is flourishing throughout New England, said festival organizer Alison Samuels. “Not only is this region a hub of research and technology in developing sustainable fuel sources, but vehicles deploying these technologies are being put into practice by some of the largest corporations.

Recent traffic studies show that Boston ranks among the 10 most congested cities in the U.S. Massachusetts is rated by the EPA as one of the non-attainment states for both primary and secondary pollutants.

The idea of clean sustainable fuels is becoming more common in New England thanks to Stanley Biss, who owns the only all-hybrid-fuel paratransit company, and the MBTA’s purchase of hybrid-fuel cars.

Other exhibitors at the event were the City of Keene, the MBTA, the Boston Public Health Commission and Tufts University, which have taken steps to reduce emissions and improve air quality.

The caravan’s vehicle lineup included Stanley Steamer, a steam-powered car; an MBTA Clean Diesel passenger bus; an American Honda GX, the top selling CNG vehicle in New England; and a session on summer camps on Thursday, Dec. 2.

Seminars to be repeated due to community interest include “Sibling Rivalry” (Friday, Nov. 12), “Reaching Your Financial Children” (Monday, Nov. 1), “Single Parenting” (Tuesday, Nov. 9), “Term Care” (Wednesday, Sept. 22), “Autism: An Unfinished Puzzle” (Tuesday, Sept. 28), “Humanizing Your Office Space to Reduce Stress” (Monday, Dec. 6), “Creating Family Rituals and Traditions” (Monday, Dec. 6), and “Family-Friendly Housing” (Wednesday, Sept. 22).

Briefings are also scheduled on child care issues, including a session on alternative work arrangements, and a session on summer camps.

Seminars to be repeated due to community interest include “Sibling Rivalry” (Friday, Oct. 29), “Raising Bilingual Children” (Tuesday, Nov. 9), “Single Parenting” (Tuesday, Nov. 9), “Creating Family Rituals and Traditions” (Monday, Dec. 6), and “Family-Friendly Housing” (Wednesday, Sept. 22).

Also new this fall is a six-week discussion group on “Raising Teens,” beginning Wednesday, Sept. 29. This peer-led group, with occasional outside speakers, is designed to provide those parenting teens and preteens with an opportunity to exchange ideas and insights on the special challenges of raising teenagers.

Members of the MIT community may submit one classified ad per week. Ads can be resubmitted, but not two weeks in a row. Submit by e-mail to tidg@mit.edu or mail to Classifieds, Site 42-140, basement is noon Wednesday the week before publication.

Seminars emphasize the non-work side of life

The MIT Center for Work, Family & Personal Life is responding to new and ongoing community interests in its midday seminar and discussion groups planned for this fall.


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Business knowledge exchanged

Soan students gave a half-day workshop, BizPlan High@MIT, to teach high school students about entrepreneurship and business plans. Juniors and seniors from the Cambridge Rindge and Latin School worked with seven MIT Sloan mentors on Sept. 18 to write simple, executable business plans and to begin thinking about entrepreneurial possibilities in their lives.

The workshop was organized by Sumit Bisniala, a director of career management, and was funded by the Public Service Center.

Development Fair

MIT faculty and other members of the MIT community interested in the many ways they can participate in international development attended this Friday’s (Sept. 24) Third Annual International Development Fair.

The event, from 1 to 3 p.m. in Lobby 13, will feature representatives from more than 40 MIT academic programs and student groups who are doing development-related work, as well as student groups representing particular countries or cultures. Each group will have a table with a display where attendees can learn about the group, get to know the people involved, and discover opportunities for participation.

Some of the groups at the IDF focus on a particular need in developing countries such as water, food, transportation and education. Others focus generally on human rights, economic analysis or the dynamics of globalization. Their work varies, too, from offering public forums at MIT that raise awareness of issues to conducting research aimed at solving particular problems for people in places overseas.

This year, as an incentive to chat with as many of the groups as possible, each attendee will receive a “Passport to Progress.” Those who get it stamped by a certain number of groups will get a development-related prize as they exit.

Co-sponsors of the IDF include the MIT Program on Human Rights and Justice, the MIT Public Service Center, the Edgerton Center, Engineers Without Borders, student groups representing particular countries, too, from offering public forums at MIT that raise awareness of issues to conducting research aimed at solving particular problems for people in places overseas.

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Asian American film festival hopes to break stereotypes

Jennifer L. Wong
Class of 2006

Celebrating Asian American talent and breaking Hollywood typecasting stereotypes are the primary goals of “Silkscreens,” the first Boston Asian American Independent Film Festival, which will be presented at MIT Friday and Saturday, Sept. 24-25. More than a thousand attendees are expected during the course of the festival, which is free of charge and open to the public.

The core committee for “Silkscreens” is made up of 30 college students from MIT, Harvard, Wellesley and Emerson College, who devoted countless hours this past summer to make their vision a reality. The two-day event will showcase the talents and creativity of the works of Asian American actors, directors, producers and filmmakers.

“Despite the growing popularity and awareness of celebrities like Lucy Liu and director Ang Lee, Asian Americans are highly underrepresented in mainstream media, films and popular culture,” said Jennifer Fang, an MIT senior in biology who is directing the festival. “Many actors are limited by Hollywood typecasting and are relegated to martial arts and second-tier roles,” she said. “The mission of Silkscreens is to break these stereotypes and demonstrate the diversity and versatility of Asian American talent in arts and entertainment.”

Greg Pak, writer and director of the 2003 film “Robot Stories,” will deliver the keynote address at the opening ceremonies Friday evening at 8 p.m. in Kresge Auditorium. “Robot Stories” has played in more than 50 festivals, won more than 30 awards, and is now playing nation-wide. Pak wrote the screenplay for “Rio Chino” and the feature film “MVP,” which premiered at the Sundance Film Festival this year.

The opening ceremonies will feature performances by recording artists of Fifth Street Productions: Robin Lang, Sophina Moon and MIT alumni Chris Vu (a.k.a. Vudoocool). Vu, who graduated from MIT in the Class of 2004, was a semifinalist last year in TV’s “American Idol.”

Rage against the machine

The banner above hung in Lobby 7 in May 1970, a month in which more than 900 U.S. colleges and universities were closed or affected by student-organized strikes. At the time, some MIT students, faculty and staff chose to protect “business as usual” following the deaths of four students shot by National Guardsmen at Kent State University in Ohio on May 4, the deaths of four students shot by police at Jackson State University in Mississippi on May 14 and 15, and the U.S. invasion of Cambodia.

On May 9, 1970 more than 150,000 protesters, mostly teenagers and young people, marched in Washington, D.C., to demonstrate their opposition to the Vietnam War, which killed 58,000 Americans and an estimated 3 million Vietnamese.

While it is no small task to explain the origins of the universe in four hours, writer, filmmaker and MIT lecturer Thomas Levenson has done just that in the four-part, two-night Nova series he helped produce for PBS that airs next week.

Levenson, who was executive producer for the show, is the author of three books. His latest, “Einstein in Berlin,” was published in 2003. Just this year, he started at MIT as a lecturer in the graduate program in science writing.

“Einstein, I absolutely love it,” said Levenson of his time at MIT. “It’s been a dream.”

For Levenson, part of the joy of working at MIT comes from the sense of community at the university. “My life as a writer and filmmaker is largely a solitary life,” he said. “Now I have colleagues who can help me think about the problems I once dealt with alone.”

Teaching at MIT is a natural evolution for Levenson, for whom writing and producing have always been about educating the public.

His latest work—“Origins”—is set to air on PBS starting next Tuesday, Sept. 28 from 8 to 10 p.m. The next two parts air Sept. 29, also beginning at 8 p.m.

The mini-series, which is billed as a lesson on “the beginnings of Earth, life and the universe,” allowed Levenson the opportunity to share the latest information regarding our origins. “It is a report from the front lines about what we really know now,” said Levenson. “This is a story that has only come together in the last few years.”

Over the course of four, hour-long segments, “Origins” explores the formation of our planet and the life on it as well as the possibility of extraterrestrial life.

Working with NOVA is “always exciting,” said Levenson. “They expect world class work. It is clearly the best science television on television.”

The final product has been Levenson—who is already working on his next projects, a book about Isaac Newton and another film about astronomy—braving. “You might pull your hair out during the process,” said Levenson of the effort to explain complicated science on television. “But the end result is worth it.”

—Sasha Brown
A virtual fluid flow display, iQuarium is an interactive exhibit designed by these MIT students as part of the Campus project to visualize and understand the hydrodynamics of swimming fish. Lab technicians can interact with virtual fish and learn how fish swim and maneuver so effortlessly. iQuarium is an ongoing exhibit in the Hart Nautical Gallery in Building 5.

Photo: Donna Covenev

### MIT EVENT HIGHLIGHTS SEPTEMBER 22 - 26

#### MONDAY September 22
- **Whitehead Institute**
  - This year’s focus: “Disease, Development and Darwin.” Admission: Fee for postdocs, students, MIT and Whitehead. 8:30am-4pm. Kresge Auditorium. 258-7403.
- **Caviar’s Presentation**
- **Compassion, Science and Personhood in Nineteenth Century America**
  - Rebecca Harzig, Bates College. 6:30pm-8pm. Room 51-495.
- **Mars Settlement Brainstorming Session**
  - Plan the first permanent settlement. Everyone welcome. Sponsored by MIT Mars Society. 6-8pm. First floor of Building 33.

#### TUESDAY September 23
- **Entrepreneurism in the New Global Economy**
  - Dinesh Deshpande, Singapore-MIT Alliance Seminar. 7-9:30pm. Room 3-370.
- **Voter Registration Booth**
  - Register to vote and find information on absentee voting for all 50 states. 10am-4pm. Lobby 10.
- **Parking**
  - **Parking Booth**
    - Register to vote and find information on absentee voting for all 50 states. 10am-4pm. Lobby 10.
- **Volleyball MIT Women’s**
  - Varsity vs. Babson. 1pm. Steinbrenner Stadium. 258-5265.

#### WEDNESDAY September 24
- **Part of the Vote**
  - Register to vote and get voting information. Free lunch 10am-12:30pm (sponsored by Dance MIX Coalition DJs and DJ Tabbal danse music).
- **Aardvark Jazz Orchestra Concert**
  - American Values: Special election-year program features “Big Oil Tango” and “Constitutional Funk Blues.” $10 donation. 452-3020.
  - **Rock the Vote**
  - **Volleyball MIT Women’s**
    - Volleyball vs. Babson. 1pm. Steinbrenner Stadium. 258-5265.
  - **Frontiers of Aerospace Power**

#### THURSDAY September 25
- **Career Fair**
  - Johnson Career Center, Rockwell Cage.
  - **Non Standard Praxis**
  - **Japanese Autumn “Tea” Party**
    - Fall party on the theme of Tsukimi or moon watching with a chado (Japanese tea ceremony) and Haiku Poetry contest. 6-9:30pm. Hulitzer Room, Ashdown House. 253-7522.
  - **Volleyball MIT Invitational**
    - 4pm. Rockwell Cage. 258-5265.

#### FRIDAY September 26
- **Hinduist Vocal Concert**
  - Ulhas Kaudikar with Andargopal Bandopadhyay on tabla. MITHAS, Sangam, $16, MIT HAMS members, $10 students. MIT stu dents free. 4pm. Wong Auditorium. 258-3791.
  - **Raymanya Dance Drama**
    - Narayana in Indian, Indonesian, and Thai classical dance styles. $7 and $10. 6:30pm-10pm. Little Kresge Theater.

### MIT EVENT HIGHLIGHTS SEPTEMBER 27 - OCTOBER 3

#### MONDAY September 27
- **Whitehead Institute**
  - This year’s focus: “Disability, Disease, Development and Darwin.” Admission: Fee for postdocs, students, MIT and Whitehead. 8:30am-4pm. Kresge Auditorium. 258-7403.
- **Caviar’s Presentation**
- **Compassion, Science and Personhood in Nineteenth Century America**
  - Rebecca Harzig, Bates College. 6:30pm-8pm. Room E1-495. 4-6pm. 253-4062.
- **Mars Settlement Brainstorming Session**
  - Plan the first permanent settlement. Everyone welcome. Sponsored by MIT Mars Society. 6-8pm. First floor of Building 33.

#### TUESDAY September 28
- **Entrepreneurism in the New Global Economy**
  - Dinesh Deshpande, Singapore-MIT Alliance Seminar. 7-9:30pm. Room 3-370.
- **Voter Registration Booth**
  - Register to vote and find information on absentee voting for all 50 states. 10am-4pm. Lobby 10.
- **Volleyball MIT Women’s**
  - Varsity vs. Babson. 1pm. Steinbrenner Stadium. 258-5265.

#### WEDNESDAY September 29
- **Part of the Vote**
  - Register to vote and get voting information. Free lunch 10am-12:30pm (sponsored by Dance MIX Coalition DJs and DJ Tabbal danse music).
- **Aardvark Jazz Orchestra Concert**
  - American Values: Special election-year program features “Big Oil Tango” and “Constitutional Funk Blues.” $10 donation. 452-3020.
  - **Rock the Vote**
  - **Volleyball MIT Women’s**
    - Volleyball vs. Babson. 1pm. Steinbrenner Stadium. 258-5265.
  - **Frontiers of Aerospace Power**