Reaching out in wake of tsunami
Students, staff raise money to help rebuild Southeast Asia

Denise Brehm

Sasa Brown
News Office

MIT has about 300 students and many other researchers and alumni from India, Sri Lanka, Thailand, Indonesia and other countries in Southeast Asia where coastal areas were destroyed by the tsunami. Many of these members of the MIT community may have been visiting their homes when the tsunami crashed onto land Dec. 26.

Like countless families around the world, MIT is taking pains to contact students and other community members who were in the area during the disaster.

The International Students Office sent an e-mail to students from affected countries on Dec. 29, asking them to “let us know that you are okay.” Just over 80 of those students have responded to date, according to Danielle Guichard-Ashbrook, director and associate dean for international students. She anticipates hearing from many more students as phone and computer service is slowly restored to those areas.

“Though we are tremendously distressed as we see the rise in casualties and the horrific photos of the devastation, our deepest hope is that a natural disaster of this scale presents an opportunity for all nations to work together to assist their fellow human beings in need,” the letter said. “Our thoughts and prayers are with you, your family members and your friends. Let us know if we can help in any way.”

The MIT Alumni Association has set up an electronic message board for alumni and other community members to gain information about friends and family from South Asia.

Community groups have also initiated fundraising campaigns to send money to the regions hardest hit to support humanitarian relief efforts following the tragedy.

Student groups join together

Working together, three student organizations at MIT—the Association for India’s Development-MIT (AID-MIT), Sangam, and South Asian Students (SAS)–set up donation collection booths in Lobby 10 and the Student Center beginning Jan. 3, collecting donations to aid survivors of the tsunami that is estimated to have killed more than 150,000 people in 11 different countries.

The groups have raised close to $2,000. They plan to use some of the funds to purchase a community fishing boat, along with a supply of nets. The supplies would be donated to a fishing cooperative so many fishermen would benefit. With estimates from AID’s contacts in Chennai, India, they expect the total cost to be around $1,000, said AID’s Vidya Jonnalagadda, a postdoctoral associate in biological engineering who is from Hyderabad in southern India.

Jonnalagadda, who has been collecting donations in Lobby 10, said she felt overwhelmed by the generosity and caring she has seen at MIT. “When we see students donating a crumpled dollar bill dug from the pocket of their jeans, it is really touching, because it perhaps represents their lunch money,” said Jonnalagadda, adding that some people have been very emotional, which has been especially moving. “Really, it is not the dollar amount of the donation that is so touching, it is the concern that they show,” she said.

AID is planning a dinner and silent auction to be held in Walker Memorial on Jan. 20 at 7 p.m. All proceeds will go towards tsunami relief. AID-MIT has also set up a web site to post updates from the volunteers at their Chennai branch.

Sri Lankan students pitch in

Additional funds are being collected by the Sri Lankan Student Association (SLSA), which has raised nearly $1,400 in donations that they collected at a booth in the lobby of Building E52. They will continue to collect money over the coming months to help with the reconstruction effort, said former SLSA president and postdoctoral associate Sanith Wijesinghe, who received his Ph.D. in aeronautics and astronautics in 2002. He is from Colombi, Sri Lanka, just under 15 miles from the coast, he planned to travel to his country on Jan. 6 to assess the situation himself and report back to the SLSA on his findings.

Sasha Brown

Deborah Douglas, curator of science and technology for the MIT Museum, studies some of the 600 historic slide rules acquired by decided to find an appropriate home for the collection and selected the MIT Museum.

“We feel there’s no better place than MIT, one of the premier universities in the world, to house this historic collection,” said Quinby, director of quality, commercialization and technical support. “And we are very excited that it will be preserved and accessible. Visitors, especially younger people such as my children, will learn to appreciate the slide rule’s role in shaping our world.”

It is a privilege to serve as the first steward of this collection, says Deborah Douglas, the museum’s curator of science and technology. “It has a strong appeal to the MIT community, but to be provocative, one could argue that the slide rule is the most important technology of the 20th century that historians have not studied.”

Reduction in chemo doses is a real possibility

Christina Yoon
Center for Cancer Research

MIT biologists may have found a way to decrease the dose of chemotherapy agents needed to tackle cancer, a feat that would also reduce toxic side effects.

Cancer cells are unique because they divide faster than ordinary cells; this also makes them susceptible to chemotherapy. While chemotherapy is an effective treatment against fast-growing tumors, it is also associated with toxic side effects because of the high doses required to be effective.

Researchers from MIT’s Center for Cancer Research have suggested a new approach to achieving the same response using a lower dose of chemotherapetry thereby limiting the harmful side effects of the drugs. Their approach involves making cancer cells more sensitive to these agents.

In a paper published in the Jan. 7 issue of Molecular Cell, a research team has shown that by altering the way they make their DNA, certain cancers could be treated with a much reduced dose of chemotherapy.

“Our work uses a concept of cancer biology that is not well understood. We are changing the biology of the cancer cell so that it is more sensitive to chemotherapy,” said John D. Hanczyc, an associate professor of chemical engineering.

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Students represent U.S. at historic physics conference

Three MIT undergraduates and a recent alumna will represent the United States at a conference in Paris this week where they will speak before 2,000 other scientists, and 500 outstanding students from 80 countries with the most famous equation ever written, E=mc^2.

The United Nations has officially declared 2005 the International Year of Physics, and more than 200 countries will be participating in the year-long celebrations with public lectures, museum exhibits and educational projects.

The four students affiliated with MIT, have been awarded the 2004 Frank Press Prize for Outstanding Research in Mathematics by an Undergraduate Student.

This prize, presented annually by the American Mathematical Society, the Mathematical Association of America, and the Society for Industrial and Applied Mathematics, was presented on Jan. 6 at the Joint Mathematics Meetings in Atlanta, Ga.

Barton has won other competitions in math as well as computer programming. When still a freshman, he led an MIT team to a second-place finish in the company's annual programming contest. In 2002, he and Shiuguru Miyagawa, MIT senior, worked on and developed several projects, including an online course and an exhibit on Computer Ethics, "which makes use of text wrapped around visual materials."

"Our course, 'Visualizing Cultures,' will be a good test of how new technology to present complex information to a general audience can be done," said Dower. "This work is expensive, so we will have to find the next level," Dower said.

Dower, 66, came to MIT in 1991. A Fellow of the American Academy of Arts and Sciences, he received the B.A. from Amherst College and the M.A. and Ph.D. from Harvard. At MIT, he was the Henry R. Luce Professor of International Cooperation from 1991-96 and the Eliot E. Morison Professor of History from 1996-2003.
**Political reporter will speak at MLK breakfast**

Political reporter Gwen Ifill will be the keynote speaker for MIT's 31st annual celebration of the life and legacy of Dr. Martin Luther King Jr.

The theme for this year's celebration is “Justice and Equal- ity for All. America’s Moral Dilemma.”

Ifill will deliver remarks at the celebratory breakfast in Walker Memorial’s Morsa Hall on Thurs- day, Feb. 3 at 7:30 a.m. MIT President Susan Hockfield will host the breakfast.

Ifill holds two of the most highly respected posts in her field. She is moderator and managing editor of Washington Week, the longest-running public affairs program on public television, and senior correspondent for The NewsHour with Jim Lehrer.

On The NewsHour with Jim Lehrer, PBS's nightly newscast, Ifill is a familiar presence as both a correspond- ent and a moderator. She helps provide its trademark in-depth coverage of current events with a unique mix of informed debates, comprehensive reviews and expan- sive feature stories. Ifill spent several years as a Washing- ton Week panelist before assuming the moderator's chair in 1999.

Prior to joining PBS, Ifill served at NBC News for five years as chief congressional and political correspondent. While at NBC she covered national political stories for NBC Nightly News with Tom Brokaw, Today, Meet the Press and MSNBC.

Ifill also worked as a reporter at papers such as The New York Times, where she covered the White House and politics, The Washington Post, where her focus was national and local affairs, The Baltimore Evening Sun and The Boston Herald American.

Ifill grew up in New York City and lives in Wash- ington, D.C. She is a graduate of Simmons College in Boston and has received eight honorary degrees. She serves on the board of the Institute of Politics and the University of Maryland’s Philip Merrill College of Journalism.

The breakfast honoring Martin Luther King is open to students and other members of the MIT community. Space is limited and reservations must be made by Tues- day, Feb. 1. To request an invitation, go to the MLK web site.

The program begins this fall; it was approved officially at the Dec. 15 faculty meeting. Though CDO will be part of the School of Engineering, it will have its own offices and will be led by co-directors Freund and Jaime Peraire, professors of aeronautics and astronautics. The inter-departmental program will draw on a variety of courses from engineering, mathematics and the Sloan School.

Through creating this MIT CDO is recognizing CDO as a key element of engineering education; it is an idea whose time has come, said Freund, who credited the ease with which the new program passed through the Institute’s approval process to CDO’s immediate relevance. “It is an idea whose time has come,” Freund said.

MIT will be one of the first institutions to offer a degree program in the field. MIT experts have long worked with Peraire and Freund to bring the program to fruition.

For the first few years, the program will be small, accepting only 20 to 25 students annually. Eventually, it may accept as many as 35 students. Freund expects it will take between 12 and 24 months for students to complete the program. Degree require- ments will consist of three core classes, two restrictive electives, one unrestricted elective and a thesis. Additional MIT programs will serve doctoral students whose research relies on computational methodologies. Such students will have the opportunity to earn a dual degree to both gain and certify their knowledge in the field.

“Today and tomorrow the high tech- nology sector will demand engineers and scientists who understand how to do efficient computation on the problems in their field,” added Freund. With applications ranging from computational biology to airline scheduling to telecommunications design, students who gain proficiency in these skills will be in high demand for these skills right now,” he said. The program’s first class of students will complete the program in three years as a junior for a year-long project in the performing, lit- erary, visual or media arts.

**MIT book catalog published**

The MIT Press has created a new catalog exclusively for the MIT community, featuring its MIT and MIT-related titles. The catalog brings together the full text of new, backlist, and some less well-known titles that MIT readers may enjoy dis- cussing with colleagues, professors, and students. It also includes commentaries to the entertaining “Nightwork,” a his- torian of student hacks, and illustrated books about MIT and on Boston/Cambridge life.

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**ITnewsnet upgrade boosts external connectivity**

IS&T recently reconﬁgured its external Internet con- nections, lowering costs while effectively doubling MIT's connectivity bandwidth. Contributions from all on-campus vendors—Sprint, Level 3 and Cogent—now provide MIT with Internet connectivity to the same eXtensible Internet Exchange Point (XIEP) as the Institute will still have Internet access through the other two vendors. The increased bandwidth includes new high-speed Ethernet connections to Level 3 and Sprint.

These new connections are routed via the Boston Area Metro Fiber Ring, which MIT, Harvard, North- eastern University and Boston University recently acquired from Sprint. This new service provides the Institute with additional existing network connections to Comcast, Northern Crossroads (Boston area GigaPort), Ableline (Internet2) and the Energy Sciences Network (ESnet).

**IAP provides computing insights**

Once again, IS&T is offering a flurry of IAP events. Informative sessions for the second half of January focus on some networking; best practices in web publishing; and MIT’s evolving e-mail system. For a complete listing, see the IAP web site. Digital text is compiled by Information Services and Technology.
Plastic packaging helps monitor ocean pollutants

Christina Yoon
Center for Cancer Research

A new study from the MIT Center for Cancer Research provides the first mice models of endometriosis and endometrioid ovarian cancer, two major gynecologic diseases that are frequently associated with cancer.

The work was reported in an online publication in Nature Medicine on Dec. 26.

Endometriosis is a gynecologic disease characterized by the presence of functional uterine tissue outside the uterus. This disease is extremely prevalent in the general population and is a major cause of infertility; moreover, women with a long history of endometriosis are at a higher risk for developing endometrioid ovarian cancer, a subtype of epithelial ovarian cancer. Ovarian cancer is the most deadly of gynecologic cancers and is characterized by the presence of functional uterine tissue outside the uterus. This disease is extremely prevalent in the general population and is a major cause of infertility; moreover, women with a long history of endometriosis are at a higher risk for developing endometrioid ovarian cancer, a subtype of epithelial ovarian cancer.

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In endometriosis, endometrial tissue such as clumps and mussels. But the levels accumulated by the animals do not correspond to researchers’ models, Gschwend said. The levels in the mud and animals were much lower than expected.

In part that mismatch was due to the presence of soils and clams. Collectively referred to as black carbons, these solids include diesel soot from buses and cinders from forest fires. Black carbons get carried by wind or washed out by rainfall and end up in places like Boston Harbor. There, says Gschwend, they mix with the mud and grab hold of many organic chemical pollutants, making it harder for cells to identify and quantify the chemicals. Taking that process into account, Amy Marie Accardi-Dey (Ph.D. 2003) discovered that predictions of chemical levels using animal samples were off by a factor of 40. (Accardi-Dey did her graduate work in the joint program between MIT and the Woods Hole Oceanographic Institution.)

Since animals are ify indicators of what’s around them in mud and water, various researchers decided to put out a material that would absorb the chemical of interest. Gschwend described the first material chosen as “little bags of fat,” plastic bags filled with the triglyceride trilinolein. Rachel Adams, a Ph.D. student in civil and environmental engineering, found that the bags often broke and released the trilinolein. Eventually researchers realized that the plastic alone could be the trick.

That plastic, Gschwend points out, is cheap, strong, easy to clean, and can be replaced in air or water or mud for a short time to collect molecules of interest. “Any- thing that we throw away may go randic in a plastic milk bottle knows you can’t rinse out the plastic,” he said. “It’s going to stick for a long time because the smell compounds have diffused into it.”

Working in Quincy and Dorchester Bay, Gschwend and colleagues insert plastic strips into the mud and water column to accumulate chemicals for a day or two. Back in the lab, they analyze the strips to identify and quantify the chemicals.

Thus far, Gschwend says that the amount of pollutants indicated by the plastic samples is less than would have been expected, reinforcing the inferences of the model calculations. Another finding is that the material isn’t about financial profit; he’s using plastics to better understand chemicals in the environment.

In a project funded by in part by MIT Sea Grant, Gschwend, a professor in the Department of Civil and Environmental Engineering, is using plastic to collect data on levels of organic pollutants in Boston Harbor waters and sediments. The data can be used to determine which areas pose risks to the animals living there—and the humans who eat them—and to make decisions about which areas should be targeted for cleanup efforts.

A single molecule, MAPKAP Kinase-2, was discovered to be important in controlling both the DNA damage-repair process and also divide much faster. The discovery that the MAPKAP Kinase-2 pathway is involved in the DNA damage-repair process is remarkable in its similarity to other pathways involved in the response to other types of DNA damage, Manke said. In fact, clinical trials are under way to test the effectiveness of combining a drug that blocks the MAPKAP Kinase-2 pathway with chemotherapy to see if lower doses of chemotherapeutic agents may be used. The results of this MIT study suggest yet another new approach for improving a patient’s response to chemotherapy.

Other researchers include postdoctoral fellow Daniel Lin and Mary Stewart, former postdoctoral fellow Anhco Nguyen and graduate student Andrew Ellia. The work was supported by the National Institutes of Health and the Burroughs-Wellcome Fund. Manke is supported by a Koch Graduate Fellowship.
Astronomers have discovered evidence for physics beyond Einstein’s theory of general relativity. This artist’s conception shows a galactic black hole being orbited by a rope in spacetime—a distortion in the fabric of space itself.

The immediate need for medicine is a top priority, said Wjesinghe, who was grateful that his own family in Colombo is safe. He will spend the next month with them while he looks at funding more long term help in Sri Lanka such as rebuilding homes and buying fishing boats and nets to help the survivors and try to chance to feel that there’s at least some chance for a better tomorrow," said Susnowitz. "With 150,000 dead and thousands still missing, I think we all appreciate the chance to help the survivors and try to assist them to rebuild their lives and livelihoods.

A board of directors representing various organizations has been appointed to supervise and monitor the efficiency of the work and present a report after-ward, according to Tenzin L. Priyadarshy, the Buddhist chaplain at MIT. "One of the issues that concerns us is whether our contribution reaches those who are suffering. You can be assured that every dollar of your contribu- tion is being used 'as intended directly,'” said Priyadarshy, who will go to Sri Lanka to help with these relief efforts. He asks that contributions be sent to MIT-Prajnopaya, which is a 501(c)3 nonprofit organization, at 60 Harvard Road, Cambridge, MA 02141, or to MIT-Prajnopaya in Room W11-004.

Giant telescope will keep an eye on planets in other solar systems

MIT astrophysicists and their colleagues are excited about the successful heritage of the two 6.5-meter Magellan telescope, the first of which began science operations in early 2000. "The immediate need for medicine is a top priority," said Wjesinghe, who was grateful that his own family in Colombo is safe. He will spend the next month with them while he looks at funding more long term help in Sri Lanka such as rebuilding homes and buying fishing boats and nets to help the survivors and try to chance to feel that there’s at least some chance for a better tomorrow," said Susnowitz. "With 150,000 dead and thousands still missing, I think we all appreciate the chance to help the survivors and try to assist them to rebuild their lives and livelihoods.

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TSUNAMI

MIT News Office

Elizabeth Thomson

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TSUNAMI

Continued from Page 1

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Vacant looks could be Eureka! moments

Nearly 20 percent of American adults say they think more deeply or creatively in July, when the days are longer and much of the nation's bumper traffic; think of it as a potential breeding ground for your next big idea.

Survey respondents said the ideal conditions for creative thinking are solitude (66 percent) and quiet (47 percent), although 61.5 percent said while working with others, and 23.3 percent said that being under pressure ruined in a fire, they were surprised by their diligence. "When I looked back there were flames coming out," he said. It took firefighters 12 hours to extinguish the blaze.

The cause of the fire that devastated the 10-unit apartment building in Cambridge's Central Square is still unknown.

Austin, a Ph.D. candidate who bought his condominium in June for $254,000, showed up for his office hours on Dec. 1 after spending the night working to fix it so I might as well be at work." Austin that morning. Immediately, she knew something was wrong. "He looked exhausted," she said. When she learned of the fire, the Chiang sprang into action, e-mailing the class, her dorm (McCormick Hall), even alumni on the dorm's mailing list. In just one week, she had gathered enough funds to buy Austin on the morning of the last class of the semester. "He has been a really good TA, always open to us all," said Chiang. "It was time for someone to help him out."
Un-leveling the playing field

What happens when a choreographer pulls the floor out from beneath her graceful, agile, well-trained dancers? What happens when gravity shifts beneath their feet?

“TILT,” a new collaboration between video artist Ellen Sebring (M.S.VisS 1990) and acclaimed Boston choreographer Paula Josa-Jones, explores that new frontier. The performance combines large-screen video, live dancers, and a gravity-disrupting mechanism called a “levitron” to discover new realms of movement.

Starting Sunday, Jan. 16, the artists will conduct a four-day workshop for students to create performance elements for “TILT,” including choreography, lighting, and a rudimentary levitron designed by Geoff Benson. The workshop will culminate in a lecture demonstration on Saturday, Jan. 22 at 3 p.m. in Krege Auditorium. Performers will include Alissa Cardone and Ingrid Schatz, both members of Paula Josa-Jones’ dance company Performance Works, and members of MIT’s Kinaesthetics Lab, a student choreography group.

The performers will experiment with ways to mirror on stage the tilt effect, which was created by camera movement in the videotape. Sebring notes that when gravity is disrupted, the dancers are thrown out of balance, evolving new types of dance movement. “We hope to get some ideas as to how to build a more sophisticated levitron in the future,” she said.

Josa-Jones and Sebring have collaborated for the past 15 years on a wide range of works for dance and film. Most recently, they created a video version of “RIDE,” Josa-Jones’ work for dressage horses and dancers currently under development as a Broadway-style production under the direction of professors John Dower and Shigeru Miyagawa. Sebring was selected by the American Film Institute’s Directing Workshop for Women to direct a film in Hollywood; she has directed more than 30 documentaries on visual artists, dance, and theater. In 2004 she received a residency to compose music for “DIVE,” an interactive video installation featuring Josa-Jones, which also will be screened at the Jan. 23 event in Krege.
MIT EVENT HIGHLIGHTS JANUARY 12 - 16

Science/ Technology
Performance
Architecture/ Planning
Humanities
Music
Film
Sports
Business/ Money
Special Interest
Featured Event

PSC TSUNAMI RELIEF PROJECT

“They Look Like Priests”
The MIT Student Art Association (SAA) published a 2005 calendar that matches images made by SAA artists to quotations by Lao Tsu, the six-century B.C. Chinese philosopher. The calendars sell for $15 each; $12 for students. Bulk discounts are offered. To order, e-mail SAAhelp@mit.edu. “They Look Like Priests” depicts May in the calendar.

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Go Online! For complete events listings, see the MIT Events Calendar at: http://events.mit.edu.
Go Online! Ofﬁce of the Arts website at: http://web.mit.edu/arts/office.

SCIENCE/ TECHNOLOGY

MONDAY January 17
Martin Luther King, Jr. Holiday Institute Closed

TUESDAY January 18
Introduction to Self Defense Skills Course Focus on practical ground-fighting skills; self-defense from knife, gun, and blunt weapon and from multiple attackers. For beginners. Duport Wrestling Room. 9-11am. 253-SWIM.

WEDNESDAY January 19
Physics IA: Fundamental Symmetry in Physical Law Noon-1:30pm. Room 6-120, 253-SWIM.

The Perils Earth: Understanding Natural Hazards Professor Karry Emanuel talks about New England’s hurricane risk. Noon. Room 54-915. 253-3382.

GIF: Introduction to ArchGIS 2-5pm. Room 37-320.

Colloquial Mechanisms of Learning: Why You Anyone? The Problem of Suffering Talk by Professor Scott Hughes 1:30pm. Room 6-120. 253-8523.

American Jews: Belonging, Believing, and Belonging Rabbi Ben Lankston speaks on the current state of American Judaism. 7:10pm. W11 Boardroom. 253-2982.

THURSDAY January 20
Avoiding Plagiarism or Who’s Line Is It, Anyway? 10:30am-Noon. Room 14-132

GIF: Introduction to ArcGIS 2-5pm. Room 37-320.

Colloquial Mechanisms of Learning: Why You Anyone? The Problem of Suffering Talk by Professor Scott Hughes 1:30pm. Room 6-120. 253-8523.

Why Me? Why Anyone? The Problem of Suffering Trilogue with members of the Jewish, Lutheran, Episcopal, and Hindu communities on the meaning and purpose of suffering. 3-630pm. W11 Main Dining Room. 253-2982.

FRIDAY January 21

GIF: Introduction to ArcGIS 2-5pm. Room 37-320.

Colloquial Mechanisms of Learning: Why You Anyone? The Problem of Suffering Talk by Professor Scott Hughes 1:30pm. Room 6-120. 253-8523.

Math Department Music Recital Annual concert that gives mathematics community a chance to perform for each other. 3-5pm. Killian Hall.

SATURDAY January 22
The Late Night Triad (2003) Video work, featuring The Tonight Show with Jay Leno, Late Night with Conan O’Brien, Late Show with David Letterman. 24 hours a day. Media Test Wall. Whitaker Bldg 5F.

Varya Women’s Gymnastics vs. RIC, Ursinus, and Wilson 2pm. Du Pont Gym. 253-SWIM.

Beginners / All Level Tango Classes Taste what Argentine Tango is all about. No partner necessary and no previous experience required. 2-4:30pm. Sidney-Pacific Multi-Purpose Room.

Milonga: Social Tango Night Tango music all night, plenty of partners to dance with and new people to meet. Sponsored by the Graduate Student Council and the Sidney-Pacific House Council. 9pm- Sidney-Pacific Multi-Purpose Room.

SUNDAY January 23
Varya Men’s and Women’s Swimming vs. Tufts University 1pm, Zesiger Sports and Fitness Center Pool. 253-SWIM.

International Folk Dancing (participatory) 8pm, Lobdell Dining Hall (2nd floor). 253-FOLK.

January Object of the Month Illustration from Van de Graaff Generator, 1933. All day. Hallway across from 14N-118. 253-5136.

EDITOR’S CHOICE

PSC TSUNAMI RELIEF PROJECT

Go Online! For complete events listings, see the MIT Events Calendar at: http://events.mit.edu.

MIT EVENT HIGHLIGHTS JANUARY 17 - 23

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Physics IA: Fundamental Symmetry in Physical Law Noon-1:30pm. Room 6-120, 253-SWIM.

The Perils Earth: Understanding Natural Hazards Professor Karry Emanuel talks about New England’s hurricane risk. Noon. Room 54-915. 253-3382.

Learn a Bisl Yiddish Michael Katz discusses the origins of the Yiddish language. 5-7pm. W11 Hillel Center. 253-2982.


Israelji Folk Dancing (participatory) Lobby 13. 484-5267.

THURSDAY January 20
Knit By Numbers Share knowledge or learn from scratch for an hour of knitting. Bring project. Also on Jan. 20 and 27. Noon-1:30pm. Room 2-237.

Bridge Tournament Teams of four tournament. Noon-8pm. Room 2-209.

What can you do with a degree in science? Lecture by Marilyn Wilson on the many career paths open to those with science degrees. 3-5pm. Room 3-133. 253-4733.

Varya Women’s Ice Hockey vs. Salve Regina University 7pm. Johnson Ice Rink. 253-5265.

Garden State LSC Film. $3. 2pm. 36-200. 253-8881.

FRIDAY January 21

GIF: Introduction to ArchGIS 2-5pm. Room 37-320.

Colloquial Mechanisms of Learning: Why You Anyone? The Problem of Suffering Talk by Professor Scott Hughes 1:30pm. Room 6-120. 253-8523.

Why Me? Why Anyone? The Problem of Suffering Trilogue with members of the Jewish, Lutheran, Episcopal, and Hindu communities on the meaning and purpose of suffering. 3-630pm. W11 Main Dining Room. 253-2982.

SATURDAY January 22
The Late Night Triad (2003) Video work, featuring The Tonight Show with Jay Leno, Late Night with Conan O’Brien, Late Show with David Letterman. 24 hours a day. Media Test Wall. Whitaker Bldg 5F.

Varya Women’s Gymnastics vs. RIC, Ursinus, and Wilson 2pm. Du Pont Gym. 253-SWIM.

Beginners / All Level Tango Classes Taste what Argentine Tango is all about. No partner necessary and no previous experience required. 2-4:30pm. Sidney-Pacific Multi-Purpose Room.

Milonga: Social Tango Night Tango music all night, plenty of partners to dance with and new people to meet. Sponsored by the Graduate Student Council and the Sidney-Pacific House Council. 9pm- Sidney-Pacific Multi-Purpose Room.

SUNDAY January 23
Varya Men’s and Women’s Swimming vs. Tufts University 1pm, Zesiger Sports and Fitness Center Pool. 253-SWIM.

International Folk Dancing (participatory) 8pm, Lobdell Dining Hall (2nd floor). 253-FOLK.

January Object of the Month Illustration from Van de Graaff Generator, 1933. All day. Hallway across from 14N-118. 253-5136.