MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)
MIT International Science and Technology Initiatives (MISTI)

MIT-Israel Program

http://mit.edu/misti/mit-israel/

Annual Report AY 2008-2009

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I. OVERVIEW

As we begin our third year of the MIT-Israel Program, we are happy to provide this annual report about our current and future activities. The flagship of the MIT-Israel Program has been the placement of MIT students in professional and research internships in industry, governmental and non-governmental organizations, and universities throughout Israel for extended periods of time (12+ weeks). This past year a diverse and outstanding cohort of 33 MIT students from 13 academic departments participated in the MIT-Israel Program (described in detail in Sections II and III). These students originated from all over the United States and the world, represented a broad range of Departments across the Institute, and possessed a variety of educational levels. Additionally, The MIT-Israel Program took part in organizing 18 Israel-related events (e.g. seminars, short courses, etc.) on campus (described in detail in Section X).

The MIT-Israel program is part of the MISTI organization (MIT International Science and Technology Initiatives, http://web.mit.edu/misti/index.html) which includes nine other countries (China, Japan, India, Germany, Italy, France, Spain, Mexico, Brazil). The MISTI organization is 25 years old and has sent over 2500 MIT students abroad. MISTI programs follow in the rich and historical MIT tradition of "Mens et Manus" ("Mind and Hand"); that is real-world engagement through the pairing of ideas, innovation, and research with action, practical applications, and testing. In order to fulfill the mission of the Institute and address the greatest problems of the 21st century, this concept needs to be applied and expanded globally; "Mens et Manus et Mundus."¹ MISTI employs a unique programmatic infrastructure to accomplish this ambitious objective including;

- Proactive recruitment
- A comprehensive preparatory "tool-kit" (e.g. culture, language, politics, etc.)
- Personalized internship matching
- Hands-on experiential learning—Education linked to Research
  - Generation of new knowledge across national and cultural boundaries
  - A deeper understanding of new knowledge
  - A broader skillset to act on this new knowledge²
- Reflection
- Assessment and Improvement
- On-campus activities related to the country of interest open to the broader student population
- Re-entry, Continued Interaction (e.g. MISTI 2.0, seminars, etc.)
The goal of MISTI is to internationalize MIT education and research by preparing students for leadership in careers that go beyond national boundaries and, furthermore, to serve as a national benchmark for international education through its unique programmatic structure. More specifically, MISTI aims to educate the next generation of “globally-cognizant” engineers and scientists. During MISTI internships, students gain an appreciation of their discipline in a broader political and socio-economic context without sacrificing academic rigor. A broad cross-section of MIT students are able to build a meaningful understanding of different regions of the world and construct deep local relationships which constitute a basis for lifelong interaction. A “cultural toolkit” is provided which facilitates intercultural awareness and team building across national borders. Hands-on experiential learning, problem-solving, exposure to different pedagogies, curricula, styles of research, educational systems, etc. are crucial features of the MISTI experience. In addition, MISTI programs initiate and strengthen international collaborations and connect MIT with international centers of innovation, by employing students as global intellectual and cultural bridges. Here, students may be provided with opportunities to aid in the development of technologies that address the most important problems facing the world: e.g. “Big Science,” “Grand Challenges for Engineering in the 21st century,” such as energy, health, clean water, infrastructure, etc. MISTI also provides con-current activities on the MIT campus related to the country of interest to enable exposure to the broader student population and to further develop a local community in the country of interest. One of the key recommendations of the 2009 The MIT Global Council was to expand the MISTI model at MIT.

Why Israel? Israel is a global leader and center of innovation and entrepreneurship. Israel spends more on civilian research and development than any other country and also has one of the most educated populations in the world (including the highest density of engineers and scientists), despite limited local resources and a very challenging political environment. Israel also has the greatest number of patents per capita in the world, has the highest concentration of high-tech startups, after Silicon Valley and is ranked 2nd for the most companies on NASDAQ, after U.S. (~63). Israel's Universities are ranked among the top in the world and provide MIT students with technical experiences on par with that available on campus. Israel is unique in that it also can provide students with a rich and deep cultural experience through its long history. MIT has many connections to Israel via the several hundred MIT alumni in Israel, over one hundred Israeli graduate students on campus and the many research collaborations between MIT and Israeli scientists.
II. INTERNSHIPS

In AY 2008-2009, 33 MIT students participated in the MIT-Israel Program, 3 of whom are currently still in Israel. MIT-Israel students were selected from 13 academic departments (Civil and Environmental Engineering, Mechanical Engineering, Brain and Cognitive Science, Physics, Electrical Engineering and Computer Science, Architecture, Political Science, Chemistry, Biology, Engineering Systems Divisions, Materials Science, Mathematics, Economics, Urban Studies and Planning) and possessed a variety of academic levels (5 freshmen, 14 sophomores, 3 juniors, 5 B.S. graduates, 1 recent B.S. graduate, 1 M.S. Candidate, 1 recent M.S. graduate, 1 graduate fellow, 1 Ph.d. Candidate, and 1 recent Ph.d. graduate). 12 of our students carried out internships related to energy and the environment. Student profiles and projects are provided in detail in Section III.
MIT-Israel architecture students Katelyn Snyder and Kelly Clonts doing restoration work in Acre.

MIT Student Sandra Abago at Teva Pharmaceuticals

MIT Student Cesar Echavarria at Ben Gurion University
III. STUDENT PROFILES

Andrea Brennen
M.A Graduate, Architecture
Prof. Isaac Meir, Jacob Blaustein Institutes for Desert Research, Ben Gurion University
Sde Boker, Israel

Project; energy efficient structural form: analysis and applications

Why MISTI?
“I have always wanted to study, work, or do research abroad because I want to experience the global application of what we learn from MIT. Israel has a technologically growing market and rich culture that not many people know about, and I want to be a part of it.”

Alyssa Roque, Sophomore
Mechanical Engineering
Technion – Israel Institute of Technology
Professor Grossman, Solar Energy Laboratory

Solar energy and heat transfer
Brandon Briscoe  
Sophomore  
Economics

Prof. Michael Beenstock,  
Department of Economics,  
Hebrew University

“With MISTI Israel I gained valuable research experience while simultaneously learning about a different culture and a different perspective.”

Benjamin Epstein  
Senior  
Biological Engineering  
Prof. Yossi Yarden  
Weizmann Institute

Project: researching datasets of paleoclimatic reconstructions of temperature, greenhouse gases, and solar variability for the last 1000 years.

Project: analysis of information transfer in living cells
Bryan Hernandez, Senior
Biological Engineering
Professor Zeev Weisman
Ben Gurion University
Department of Biotechnology

“MISTI Israel—An invaluable lesson in communication and culture: an experience no MIT student should go without”

Project: NMR Modeling of Renewable Resource Potentials

Why MISTI?
“I wanted to learn more city planning issues from a comparative perspective, especially in the context of conflict over space.”

Karin Brandt
Master of City Planning
Mada al-Carmel: Arab Center for Applied Social Research
Haifa, Israel
Why MISTI?

"I want to try research abroad to find out if an international career is for me."

Katherine de Kleer
Senior
Physics/Math
Prof. Tsevi Mazeh
Beverly Sackler Institute of Astronomy
Tel Aviv University
Tel Aviv, Israel

Project: performance and analysis of photometry of transiting planets in order to search for TTV and better constrain the stellar and planetary parameters

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Carmel Dudley
Sophomore
Physics
Prof. Oren Cohen
Department of Physics
Technion

Project: studying high harmonic generation in planar waveguides

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Why MISTI?

“I want to learn about other people’s views - where they come from, what shapes them, and how they relate to mine.”

Cesar Echavarria
Freshman
Brain & Cognitive Science
Prof. Libersat
Ben Gurion University
Beersheba, Israel
Project: parasitic motor control by way of neurotoxins

Chris Peters
Junior
Mechanical Engineering
Prof. Eran Sher
Department of Mechanical Engineering
Ben-Gurion University
Beer Sheva
Project: testing and experimentation with a recently developed Micro IC Engine

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Daniel McCue
Sophomore
Economics

Professor Elise Brezis
Department of Economics,
Bar Ilan University

“This summer working at Bar-Ilan University helped me find myself academically and socially. It was both productive and eye-opening.”

Edith Reshef
Sophomore
Architecture

Shetrit Architects Ltd.
Tel-Aviv/Jaffa, Israel

Project: design of shopping mall

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Fernando Funakoshi
Senior
Chemical Engineering
Kibbutz Lotan
Lotan, Israel

Project: Feasibility of biogas production and sustainable building techniques.

“Working on a kibbutz in southern Israel was a special experience that I would never have been able to experience had it not been for the MISTI-Israel program. This collaboration has taught me skills for working on ecological projects and I met amazing people.”

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Florian Naegele
Fellow
Engineering Systems Division
ETV Motors

Project: developing over-view of the market opportunity, engineering feasibility, and business case for high efficiency, dual-power microturbines and high-voltage lithium ion batteries.

“Ever since I first heard about the dynamic, high-tech environment in Israel, I was determined to get to know more about the peculiarities, the way of doing business, and the people contributing to the entrepreneurial ecosystem.

By working at ETV motors in Israel, I am expecting to further explore a unique start-up environment, the entrepreneurial mindset behind that enables cutting-edge technology, as well as the country’s fascinating and rich culture.”

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Why MISTI?

“The mind is like a parachute: it only works when it is opened.”

The MISTI experience is a springboard for expanding my research into the area of energy and may open the door to a faculty position at Bar Ilan.”

Gilbert D. Nessim
PhD
Materials Science and Engineering

Prof. Doron Aurbach, Department of Chemistry
Bar Ilan
Ramat Gan, Israel

Project: functionalized carbon nanotube electrodes for more efficient batteries

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Ilana S. Rotmensch
Senior
Civil and Environmental Engineering

Prof. Jack Gilron
Zuckerberg Institute for Water Research, Desalination department
Ben Gurion University

“While I was working in the desalination department, I interacted and lived with students who worked on hydrology, solar energy, ecology, and environmental policy. I had the opportunity to learn so much about environmental research and engineering.”

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"I learned how much is possible when computer scientists and wet lab biologists work together in the same group on the same project and developed a great appreciation for the amazing research that is happening in Israel."

Irene Kaplow
Junior
Mathematics

Prof. Eran Segal
Department of Computer Science and Applied Mathematics
Weizmann Institute of Science
Rehovot, Israel

Project: joint computational-experimental group on creating a model of transcriptional regulation that fits experimental results.

Why MISTI?
“Life is exciting when you’re in new surroundings!”

Itamar Kimchi
Recent Alum
Physics

Prof. Joseph Avron
Department of Physics
Technion physics dept
Haifa, Israel

Project: Friedrich model of atom-photon interaction and its relevance to quantum information
“MISTI provided me with the perfect summer I think all college students dream of – conducting interesting research that will benefit my career while exploring a new and exciting culture around the world.”

Jasmine Florentine
Sophomore
Mechanical Engineering
Prof. Kribus, Department of Mechanical Engineering
Tel Aviv University
Project: developing optical simulation tools to aid solar energy research.

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Katelyn Snyder  
Sophomore  
Architecture  
International Conservation  
Center  
Akko, Israel  

“This internship gave me a chance to work in architectural conservation work- something that I’ve never gotten a chance to do at MIT. And I didn’t just work with objects from 100-200 years ago, like I would have in the States, but items that are more like a thousand years old.”

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Kelly Clonts, Sophomore  
Architecture  
International Conservation  
Center of the Israel Antiquities Authority  
Akko  

“I learned about the process of conservation and documentation - a work experience that will be very relevant in the future.”

Project: archeological preservation, historical conservation, pottery reconstruction, and architectural documentation

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Kyle Knoblock ‘11
Electrical Engineering and Computer Science
Associate Professor
Gal Kaminka
Department of Computer Science
Bar Ilan University

Project: Develop robot simulation experiments to test new theories of robot cooperation, based on game-theoretic algorithms.

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Neta Batscha, Freshman
Chemical Engineering

“...A really unique experience for me because the scientific community is extremely collaborative and I was able to see the impact that my lab’s work has on water technology in Israel”

Dr. Dror Avisar, Hydrochemistry Laboratory
Tel Aviv University

Project: investigate the presence of antibiotics in soils irrigated with treated wastewater and the potential consequences; to preserve water quality and reduce antibiotic exposure in the human and natural environments

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“MISTI Israel is more than a mere internship; it allows us to delve deeply into a new culture. The preparatory trainings and the seminar ensure that we utilize our time in Israel in the most effective way.”

Pangus Ho, Sophomore
Electrical Engineering and Computer Science
Intel Jerusalem, Israel

Project: develop software for Intel AMT
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“What do you think about MISTI?”

“MIT-Israel is a wonderful new program that allows me to conduct important field research for my dissertation, while also studying the impact of educational exchange on international relations.”

Peter Krause, Ph.D. Candidate
Political Science
Dr. Hasisi,
The Institute of Criminology Faculty of Law
Hebrew University

Project: relationships between governments and non-state actors, specifically the political effectiveness of non-state groups in influencing state policies
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"The experience this summer has been invaluable between learning more about the research process, getting to know Israeli Jews and Arabs, and making friends internationally. Being able to live in Israel for 3 months has given me the confidence I believe I will need to be successful in other areas of my life."

Rebecca Gould
Sophomore
Civil and Environmental Engineering

Professor Yiska Goldfeld
Department of Civil Engineering
Technion

Project: research on sensors that identify damage in structures

Why MISTI?

“Israel not only has a unique cultural diversity, but also its history is deeply rooted to the origins of my religion.”

Sameer Hirji
Sophomore
Department of Biological Engineering and Pre-health

Prof. Zeev Weisman,
Department of Biotechnology
Ben Gurion University

Project: developing multivariate models for quantitative prediction of oil content using low resolution NMR
Samuel Markson
Freshman
Physics

Dr. Alon Wolf
BioRobotics and BioMechanics Lab

Technion, Haifa, Israel

Project: construct skin utilizing friction anisotropy, with applications to a snake-type robot.

MIT-Israel exposed me to unbelievable opportunities: I got to learn and work at a major pharmaceutical company with as little experience as a first year student can have; witnessed first hand, how the Israelis live and deal with all the political tension around them; experienced the very exquisite and historically rich Israeli culture and traditions but best of all, got to interact and make friends with the people who are actually the center of Israel’s true beauty. I am more than glad that I was given this chance and hope that I will be able to use the connections that I made, sometime in the future...

Project: lab work- screening of polymorphs

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Sophia Lee
Freshman
Chemical Engineering
AVX

Project: replace NMP as wax solvent and component cleaning solvent after dicing

I developed an intuition about how to structure building physics tasks, run series of tests to optimize ventilation, lighting schedules in a house, use software Energy Plus effectively to simulate complicated buildings and their thermal performance. This knowledge will be of great help for my future graduate research project which aims to develop energy efficient building codes and housing models for the city of Zurich and Switzerland.

Stella V. Schieffer, Senior
Civil and Environmental Engineering
Prof. Rachel Becker
Department of Civil and Environmental Engineering
Technion

Project: review of “PCM in buildings” and execution of computer simulation runs for a comparative study on the use of PCM in residential buildings
IV. REFLECTION

Round table discussions were organized after the students returned from Israel in order to facilitate self-reflection, articulation and a deeper understanding of what they had experienced. Universally, the students found the international experience life-changing in the way they viewed themselves, Israel, MIT, the Unites States, and the world. The cultural differences they encountered provided insights into their own upbringings, local communities, and educational experiences. The students became more sensitive to communication styles and learned how to more effectively communicate in multinational teams by adjusting their own communication style to accommodate others. Numerous students reported increased self-confidence and that they learned how to be more assertive in the workplace in order to overcome cultural and language barriers. They gained an appreciation for diversity and how it relates to academic excellence, creativity, and innovation. They realized the importance of networking, the fact that it was more challenging in a multinational environment, and that new strategies needed to be developed for its most efficient use. The students were highly satisfied with the technical level and quality of the research projects arranged for them. Regarding the research process, the students were exposed to different academic, pedagogical, and scientific styles (e.g. one-on-one apprenticeship, hierarchical teams, etc.), interdisciplinary research, and varied organizational structures. Lastly, they felt (as well as their supervisors) that they had made significant scientific contributions and had an impact on the groups they were placed in.
V. ASSESSMENT AND FUTURE PLANS

The goals of the MIT-Israel Program for the upcoming year (pending fund-raising) include; increasing the number of students in the program, exploring a dedicated MIT-Israel seed fund to enable collaborations between MIT and Israeli scientists built on the MISTI Global Seed Funds model, initiating numerous Israel related programs on-campus, continuing support of the Hebrew study program, and strengthening collaboration with on-campus groups and MIT alumni in Israel.

A detailed annual assessment of the MIT-Israel Program was carried out involving individual meetings with students and supervisors, reports received from students and supervisors, an online student survey, and a post-internship meeting. Overall, both students and supervisors had very positive and beneficial personal and professional experiences. The following improvements will be explored based on feedback from the assessment.

(1) Language Skills: While most Israelis know English, Hebrew is the spoken language, and to a lesser extent Arabic. A basic knowledge of the language would help students to connect with their co-workers and strengthen their capacity to understand the culture. MIT-Israel students were offered an on-campus Ulpan. However, only a few of them took advantage of this opportunity. In order to support their learning of Hebrew we will do the following:

- Add a mandatory 8 hour Hebrew training which will be given during IAP and Spring term training (for those that have very limited knowledge of Hebrew). During this training students will learn the Alef-Bet and some basic phrases.
- Integrate 15-30 minutes of Hebrew learning in most training sessions, in which the students will learn about important Hebrew phrases and their cultural and social impact.
- Encourage students to take part in on-campus Ulpan (Hebrew classes) spearheaded by Hillel with the support of MISTI-Israel.
- Share options of online Hebrew study
- Let students know of evening Ulpan opportunities in Israel.

(2) In-Country Practical Challenges: More emphasis and deeper discussions will be carried out on in-country practical challenges such as lab work, transportation, and intercultural differences.

- Travel: MIT guidelines based on the State Department guidelines do not allow MIT students to use public transportation. They have to use private transportation (shared vans or taxis). This is very costly and constrains their capacity to see the country. Last year we discussed current guidelines with the State Department, but were not able to make any changes. The main action we will do is to collect additional information on the routes of shared vans as an alternative to taxi’s and public transportation.
- Engaging with Israelis: as many of the Israelis on campus are either on vacation or older than the MIT students, for some students it was challenging to find ways to engage with Israelis their age. We will explore the possibility that Universities match up a younger student with one of our MIT students and also explore matching up Israeli MIT alum with our students.

(3) Internships:

- The majority of the MIT Israel interns were in University settings (26). We have found that it is very helpful to set up an opportunity for students and Professor to speak prior to the internship to review the research project. Going forward, therefore, we will try to ensure that every student has the opportunity to speak with their faculty advisor prior to their internship.
- During the training we plan to build more content on expectations from students during their internship; what concrete outcomes they should be geared towards (i.e. papers, references).
- We will continue to build a more thorough checklist for our host institutions including: sending students materials prior to leaving with specific instruction on what they need to do upon arrival at host institution; facilities the institution offers; how to get internet access; etc.

(4) Seminar:
- In 2009, successful additions to the seminar in Israel were: lengthening the seminar by one day; adding a segment which students from different disciplines could take different tracks; having one activity in which we invited other MIT students that were in Israel. Based on the success this year, we will continue with the 5 day seminar next year in the same format.
ADDENDUM
VI. COUNTRY-SPECIFIC PREPARATION

_Hebrew._ Based on the strong interest of our prior classes of interns to learn Hebrew, MIT-Hillel, in collaboration with MISTI, set up an Ulpam (Hebrew Language Class) with 4 different levels of study and an opportunity to practice speaking Hebrew (see below). It had close to 40 participants. The program is taught by volunteer MIT students, Hillel staff and community members and will continue this coming year. Each class was taught for 1.5 hours each week from February to May and has continued this year in a similar format for approximately 10 weeks each semester.

- Kita Aleph I/ Level 1 Beginning Hebrew
- Kita Aleph 2/Level 1 Beginning Hebrew with emphasis on dikduk/grammar
- Kita Bet/Level 2 For students who already know the Hebrew Aleph Bet, the course teaches basic grammar, spoken Hebrew and practice of reading
- Kita Gimel/Level 3 Advanced Hebrew with a native Hebrew speaker. This class is for students who have basic conversational skills (or at list understand some Hebrew) and know how to read
- Shulchan Ivrit/Intermediate: For all levels, practicing spoken Hebrew in a fun, casual environment. News, articles from the Israeli press, Israeli literature, other Hebrew sources are the basis of discussion and conversation.

_“Israel – History, Culture and Identity” Course._ Fifty students took this for-credit MIT course with Professor Nahum Karlinsky (12 credits during the spring semester/ 9 credits during winter IAP). As with all MISTI programs, students need to acquire country-based knowledge in order to prepare themselves for their internship abroad. In addition to MISTI students, additional MIT students also enrolled. Professor Nahum Karlinsky received his Ph.D. (summa cum laude) from the Hebrew University of Jerusalem in 1996. He then began his affiliation with the Ben-Gurion Research Institute in Sede Boker. Nahum Karlinsky teaches Modern Jewish History and Israel Studies at Ben-Gurion University of the Negev, Israel. Among his books are _Counter History: The Hasidic Epistles from Eretz-Israel – Text and Context (1998)_ and _California Dreaming: Ideology, Society and Technology in the Citrus Industry of Palestine 1890-1939 (2005)._ His current research focus on Jewish Philanthropy and the Jewish Credit Cooperatives in Eastern Europe between the Two World Wars; and on The Palestinian-Arab Citrus Industry - Economic, Social and Cultural Considerations, a research project conducted jointly with Dr. Mustafa Kabha from the Open University of Israel. The purpose of this course is to give a basic understanding of modern Israel to MIT-Israel students and the general MIT student body through lectures, discussions and projects. The course provides insight into modern Israeli politics, culture and identity. Among the topics explored are: the geography of Israel; Israeli political regime, society and economy; the Arab-Israeli conflict; the Holocaust and its impact on Israel, its history and identity; Jewish ethnic relations in Israel; the Palestinian-Arab minority in Israel; is there a unique Israeli culture?; Israel's settlement projects; the struggle for Israel's identity.

_Training Sessions._ MISTI- Israel ran 4 training sessions and a full day Sunday retreat to train the students going to Israel. We explored: personal goals and visions for the internship; how to prepare for your internship; how to take note of and overcome cultural differences (models learnt with Prof. Deborah Ancona and her colleagues of the Sloan School MIT Leadership Center and Prof. Jane Dunphy of Foreign Languages and Literatures): differences between U.S and Israeli culture; places to see in Israel; safety and security: tools for understanding cross-cultural communication. We were honored to have the following participants take part in the training sessions: Eliad Shmuel of MIT Hillel; Sharon Rapoport and Itai Turbahn of the MIT Israeli Association; Rony Yedidya of the Israel Consulate in
Boston; **Ronit Ronen-Tamir** who taught Israeli folkdancing and it’s place in Israeli culture; **Udi Eran** of the International Security Program at Harvard University; and **Boaz Tamir**, PhD, ’87, Managing Partner of Montefiore Partners Venture Capital fund and Worldview.biz who spoke about “Management of Change- the New Paradigm in Israel.”

"Israel at 60: Technology, Politics, and the Israeli Psyche"
by Rony Yedidia, Consul of Israel at the Consulate General of Israel to New England.

**ABSTRACT of SESSSION**
Israel, a country comparable in size to New Jersey, in a very challenging political atmosphere, has emerged as a leader in technology worldwide. From 1950-1980 Israel focused on agricultural produce, irrigation and water management, and basic industries (textile, metal and machinery and chemicals). In 2008 it has the highest concentration of high-tech startups, after Silicon Valley (~1,200) in the world and is ranked 2nd for the most companies on NASDAQ, after U.S. It is a world-wide R&D center with Intel’s and Microsoft’s first center outside the U.S, Cisco systems only R&D center outside the U.S, and Motorola’s largest R&D center outside the U.S. Israelis have invented much of the technology used today such as instant messaging (ICQ), firewall security software, Intel wireless computer chips, numerous medicines, and miniature video camera capsules to examine internal organs, the cell phone (invented by Motorola, with it’s largest R&D center being in Israel), most of the Windows NT operating system, voice mail technology, and VOIP technology. Israel’s achievements are rooted in several unique factors:

- Geography- there is a limited local market as such there is an export oriented industry.
- Necessity of a strong defense industry has led to high intensity local research and development.
- Military training of almost all of it’s citizens trains them in innovation and project management at a very young age.
- Lack of natural resources has brought about an emphasis on technology.
- New immigrants has infused the economy with educated manpower.
- Strong government support of R&D activities + International cooperation.

All of these have contributed to the highest number of engineers and scientists (per 10,000 workers) in the world, high quality of university education and basic research, strong university–industry cooperation, many free trade agreements, mergers and acquisitions , strong foreign investment in Israel and most importantly the “Israeli spirit” = Innovation, Flexibility, Persistence.
MIT-Israel students learning about Israeli folk dancing, its’ history and impact on Israel life

Rony Yedidya, Israeli Consul to New England sharing about Israeli culture, current events, and security issues to MIT-Israel students

Boaz Tamir- PhD, ’87, Managing Partner of Montefiore Partners Venture Capital fund and Worldview.biz in training session with MIT-Israel students
VII. IN-COUNTRY SEMINAR AND EVENTS

During the students' stay in Israel, they took part in several organized activities aimed at deepening their understanding of Israeli society and widening their network: a dinner in June with MIT-Israel students, members of the MIT Hibur delegation, Technion students and Israeli MIT alum (organized by the MIT Club of Israel): a weekend that grew spontaneously out of the seminar in which Oranim students invited MIT-Israel students to Oranim for a weekend of social activities: a five day educational seminar run by Shdemot – The Center for Leadership at Oranim Academic College of Education. The aim of the seminar was to offer the students the opportunity to get a deeper insight into Israeli society, its background and how these impact its current culture. The highlights were: meeting with the Chief Scientist of the Ministry of Infrastructure; Yad Vashem and processing how the Holocaust impacted Israeli society and behavior; session with David Dolev – each student wrote an essay on an experience where he/she was culturally surprised and analyzed this based on the training and course; meeting with Israeli students from Oranim; meeting with members of the Israeli-Palestinian Parents Circle Families Forum; meeting with policy maker and professionals in the area of water management and technology in order to understand first hand Israel’s environmental, economic and technological strengths and challenges: visiting companies and tourist sites. The detailed itinerary is provided below.

Massachusetts Institute of Technology
MISTI – ISRAEL: Technology in Israel Program
Shdemot – The Center for Leadership at Oranim Academic College of Education
Dates: July 9-13, 2009
Participants: 31

(This itinerary is the property of the Department for Jewish Peoplehood-Oren. It may not be used without expressed written permission.)

Group Leader: David Dolev, Shdemot's Staff: Einat Refaeli

Goals:
Primary goal: To introduce students to issues/achievements and professionals in technology, science, engineering, the environment and their connection to Israeli society

Sub-goals: These will be woven in to the program within the context of the primary goal above
- To tour important sites in Israel
- To encourage relationships/interactions with Israelis.
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<th>Notes</th>
<th>Program</th>
<th>Day</th>
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<tbody>
<tr>
<td>Transfer: Tel Aviv</td>
<td>&quot;The Ancient World &amp; Modern Israel&quot;</td>
<td>Thursday</td>
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<td></td>
<td>Transfers from various locations</td>
<td>July 9</td>
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<td>9:30am Meeting at Tel Aviv</td>
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<td></td>
<td>• The White City of Tel Aviv: the Bauhaus preservation and development tour with Tel Aviv's City Engineer staff</td>
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<td></td>
<td>• Lunch <em>(Tel Aviv students, with David)</em></td>
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<td></td>
<td>• &quot;Mey Kedem&quot; ( Ancient Water) Park: Explore ancient Roman piers</td>
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<td></td>
<td>• Caesarea: Visit the ancient port and the Roman Amphitheater</td>
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<td></td>
<td>• Dinner <em>(Haifa students, with David)</em></td>
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<td></td>
<td>• Time to rest and refresh</td>
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<td></td>
<td>9:00pm Live Concert in Caesarea: <strong>Idan Raich</strong></td>
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<tr>
<td>Water Shoes, towel Changing</td>
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<tr>
<td>clothes</td>
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<tr>
<td>Overnight: Caesarea</td>
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<tr>
<td>Overnight: Jerusalem</td>
<td>“Connecting with the Past to Look to the Future”</td>
<td>Friday</td>
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<td></td>
<td>• <strong>Dr. Eitan Yudilevich</strong>, Executive Director of BIRD Foundation</td>
<td>July 10</td>
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<td></td>
<td>• <strong>Yad VaShem</strong>: Visit Israel's National Holocaust Museum</td>
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<td></td>
<td>• Lunch <em>(Jerusalem students, with David)</em></td>
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<td></td>
<td>• Meeting with representative of &quot;Hit'orerut Yerushalayim&quot; (the Young Adults Political Party) and Head of the Dept. for Youth and Culture in the Jerusalem Municipality</td>
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<td></td>
<td>• Time to prepare for Shabbat</td>
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<td></td>
<td>• Kabbalat Shabbat at the <strong>Kotel</strong></td>
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<td></td>
<td>• Shabbat Dinner at the hotel</td>
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<tr>
<td>Overnight: Jerusalem</td>
<td>“Turning Off Technology”</td>
<td>Shabbat</td>
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<tr>
<td></td>
<td>• Breakfast</td>
<td>July 11</td>
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<tr>
<td></td>
<td>• Free time/visits to local synagogues for Shabbat morning services</td>
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<td></td>
<td>• Lunch at the Hotel</td>
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<td></td>
<td>• Tour of the <strong>Old City</strong> by foot</td>
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<td></td>
<td>• Session with <strong>David Dolev</strong></td>
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<td></td>
<td>• Session with <strong>Ghassan Mansara</strong>, director of Anwar il-Salaam (Lights of Peace).</td>
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<td>• Israeli and Palestinian <strong>Bereaved Families</strong> Forum with MEET students.</td>
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<td></td>
<td>• Evening + Dinner on your own on <strong>Ben Yehuda Street</strong></td>
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<tr>
<td>Sunday July 12</td>
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<tr>
<td><strong>“Israel: Using our Limitations to Inspire Innovation”</strong></td>
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<td>• Session with Dr. Rachel Korazim: <em>The Holocaust and Israeli Society</em></td>
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<tr>
<td>• Dr. Shmulik Berkovitch, former advisor to Camp David Negotiation Team: <em>Jerusalem and the holy places: past-present-future</em></td>
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<tr>
<td>• Meeting with Dr. Shlomo Wald, Ministry of National Infrastructures Chief Scientist</td>
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<tr>
<td>• Lunch <em>(Bar ilan &amp; Weizmann students, with David)</em></td>
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<tr>
<td>Travel North:</td>
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<tr>
<td>• Site visits in areas of study</td>
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<td><strong>Architecture:</strong> Tour of the Baha’i Gardens and the German Colony in Haifa with Daphna Greenstein, award winning architect whose firm designed the restoration of the German Colony</td>
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<td><strong>Hi Tech in the Medical Industry:</strong> Given Imaging</td>
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<td>• Druze Hospitality and Dinner</td>
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<tr>
<th>Monday July 13</th>
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<tr>
<td><strong>“Living Water”</strong></td>
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<tr>
<td>• Prof. Emeritus Uri Shamir, Technion - (former MIT Professor and Alumnus), Senior Advisor to Israel’s Water Commissioner in the area of Water Management</td>
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<tr>
<td>• Visit Emek Hefer Biogas Plant</td>
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<tr>
<td>• Lunch <em>(Beer Sheva students, with David)</em></td>
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<tr>
<td>Drive to the Kinneret <em>(Sea of Galilee)</em></td>
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<tr>
<td>• Dr. Doron Markel, Northern Water Authority</td>
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<tr>
<td>• Mifgash (session) with Israeli Jewish and Muslim Students from <em>Green Course</em> at Oranim College – a Green Campus.</td>
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<tr>
<td><strong>Good Bye- Lehitra'ot!</strong></td>
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</table>
MIT-Israel Students in Jerusalem

MIT-Oranim Students acting out skit on “Making a Difference on the Environment,” on the shore of the Kinneret

MIT-Israel students visit Emek Hefer Biogas Plant

MIT-Israel students at Druze dinner after discussing “cultural suprises” they had encountered during internship

Meeting with Dr. Shlomo Wald, Chief Scientist, Ministry of National Infrastructures
VIII. POST MISTI ISRAEL INTERNSHIP DEVELOPMENTS

MIT News article featuring MIT-Israel Internships of Tamara Litwin, 09' who was placed with Professor Ada Yonath at the Faculty of Chemistry, Department of Structural Biology at the Weizmann Institute in Israel. Tamara’s project involved X-ray crystallography of antibiotic-resistant ribosomes. Not only did Tamara have a great experience - "I had a fantastic experience in Israel this summer, doing world-class science and experiencing a different culture at the same time," she says. But now she is fortunate enough to be able to state that she worked with Ada Yonath, the first Israeli woman to win a Nobel Prize for Chemistry.

Another example of how the MIT-Israel program has empowered our students is MIT Israel 2008 alum Naomi Stein. During the summer of 2008 Naomi worked with Associate Professor Oded Rabinovitch, Head, Department of Structural Engineering and Construction Management Faculty of Civil and Environmental Engineering, Technion - Israel Institute of Technology. She explored the potential of the characterization, development, and use of intelligence in civil engineering structures. During the summer of 2009 Naomi travelled with Prof. Rabinovitch to the SHMII-4 conference (the official conference of the International Society for Structural Health Monitoring of Intelligent Infrastructures (ISHMII)) in Zurich, Switzerland. Naomi presented a paper that introduces the set of criteria defining the nature of intelligence and a critical evaluation of the different aspects of intelligence.
IX. HOST COMPANIES AND INSTITUTIONS

Our list of participating companies and institutions and willing to host MIT student is continually growing and currently includes:

- Bar Ilan University
- Ben Gurion University of the Negev
- Haifa University
- Hebrew University
- Tel Aviv University
The students that interned at AVX, Intel, and Teva, are part of a unique relationship we have developed with the Jerusalem College of Engineering in which MIT students are doing internships at companies that have a strong relationship with the College and students from the college were matched up with MIT students to engage socially.

The Arava Power Company (APC), formed in 2006, is Israel's leading solar developer. Founded by a group of visionary people from Kibbutz Ketura, APC seeks to supply 10% of Israel's electricity needs through alliances with Kibbutzim and other land owners, especially in the south of the country.

Leading Worldwide Manufacturer and Supplier of Electronic Components
• BrightSource Energy

BrightSource Energy’s mission is to make solar energy cost competitive with fossil fuels by developing, building, owning and operating the world’s most cost-effective and reliable large-scale solar energy projects.

• Center for Jewish Arab Economic Development

The Center for Jewish-Arab Economic Development (CJAED) is a non-profit organization, established by a group of Jewish and Arab businesspeople. The guiding principle of the Center and its activities is that Jewish-Arab economic cooperation in Israel is essential for peace, prosperity and economic stability in Israel and the region at large.

• Checkpoint Software Technologies Ltd

Check Point Software Technologies Ltd. (www.checkpoint.com), a worldwide leader in securing the Internet, is the only vendor to deliver Total Security for networks, data and endpoints, unified under a single management framework.
- **Disklace**

DISKLACE presents a revolutionary software solution allowing efficient fragmentation management and control system. The company’s name best describes the concept. The name DISKLACE binds the DISK carrying the data, with a LACE in which the empty spaces are as important as the material the lace is made of.

- **ecamp**

The summer camp in Israel for children and teens, ages 8-18. Each summer eCampers from 20 different countries come together to develop their creative and tech skills, to explore the wonders of Israeli technology and to make life-long friendships in our fun-filled program.

- **ETV Motors**

Founded in 2008, the exclusive focus of ETV Motors Ltd is the research, development and commercialization of critical EV components and their integration into turbine-powered Range-Extended Electric Vehicles (REEVs).

- **Galilee Foundation for Value Education**

The Galilee Foundation for Value Education - Shorashim has engaged in education for intergroup understanding since 1992. The foundation’s central mission is to use informal education to build the Galilee as a model of civil society. The activities of the Foundation deal with bridging three major fault lines in Israeli society and the Jewish world: Jewish - Arab, Jewish - Jewish (primarily orthodox/non-orthodox), and Israel - Diaspora.
Google

Google's mission is to organize the world's information and make it universally accessible and useful. In Israel the company is committed to focus on Israeli Web surfers, advertisers and Web site operators in addition to development for worldwide operations.

Greenstein*Har-Gil Landscape Architecture and Design

The firm of Greenstein, Har-Gil offers a variety of design and planning services in the area of landscape architecture, urban and regional planning, environmental design and architecture. They have led regional landscape plans such as the Gilboa Mountains.

Hewlett-Packard

HP is a technology company that operates in more than 170 countries around the world. HP Labs Israel is an excellence center in imaging science, learning, and automation technologies. Along with innovative research in these areas, HP Labs Israel is focused on bridging disruptive technology gaps on the roadmaps of HP’s businesses. The two primary focus areas of HP Labs Israel are workflow automation for commercial printing and machine learning and knowledge extraction for IT service automation.

Intel Jerusalem via Jerusalem College of Engineering

Intel is developing small, fast, and energy-efficient technologies to help create the next revolutionary step in mobile, desktop, and data center computing—as well as technologies that power the engine of change for our entire industry. Jerusalem is home to Intel's Fab 8, Intel's first non-U.S. wafer fab. Today, Fab 8 manufactures 130 different products of three technological generations that are all integrated circuits on silicon wafers. The fab also manufactures sophisticated components for the automotive industry. Jerusalem is also home to a design and development center that develops many essential technologies, including phone line/Ethernet LAN controllers, which are a single-chip, low-cost silicon solution that enables home networking over existing telephone lines.
• Israel Antiquities Society/International Conservation Center- Acre

The International Conservation Center is a joint project of the Israel Antiquities Authority and the Old Acre Development Company and the Acre Municipality. The Center aims to: provide training in conservation professions; serve as a place of study for researchers and students; develop new public and community programs that target all tangible and intangible heritage values of the city. The center is situated in Old Acre bringing with it many advantages for studying historic structures and site preservation.

INTERNATIONAL CONSERVATION CENTER
THE OLD CITY OF ACRE

• Kibbutz Lotan Center for Creative Ecology

The Center for Creative Ecology (CfCE) is rooted in “Tikkun Olam” -- the Jewish concept for repairing and transforming the world – and started as a dream and vision. It began with a small desert organic garden, and once the Center realized how much knowledge had been accumulated, expanded to become a unique ecological center that combines hands-on, experiential environmental education within the framework of a living community.

• Leviathan Energy

Leviathan Energy was formed in 2006 in order to supply innovative, state-of-the-art technologies that will change the fundamentals of the renewable energy market on a global scale. By utilizing the physics of fluid dynamics Leviathan has created wind-, hydro-, and wave-powered products that fundamentally change the economics of investing in alternative energy technologies in these respective markets.

• Mansfeld-Kahat Architecture Firm

The firm was founded by the late Prof. Al. Mansfeld in 1935, and is firmly in the forefront of the architectural field in Israel. The firm’s work ranges from the architectural design of individual buildings to the master planning and design of large-scale urban complexes. The firm has conceived, designed, and built projects that include town and neighborhood planning, museums and cultural facilities, office
buildings, residential buildings, education and sport facilities, public and commercial complexes etc. Among it’s best-known work are The Israel Museum, Jerusalem; The Social Sciences Faculty Building, and the Art Center and School of the Art Building, Haifa University; Israel Electric Company headquarters, Haifa; Regional Hospital, Naharia; Central Carmel Cultural Center, Haifa; Layout and development plan for the Tel Hai College campus, Upper Galilee; Ramat Alon neighborhood, Haifa.

- Neurophage Pharmaceuticals

NeuroPhage’s breakthrough protein disaggregation platform for the treatment of neurodegenerative diseases and for imaging plaque is based on the pioneering discovery of Professor Beka Solomon from Tel Aviv University. She discovered the therapeutic amyloid vaccine approach to treating Alzheimer’s disease (AD), and a new way to disaggregate amyloid–β (Aβ) plaque using filamentous phage and its physical properties to interact with Aβ aggregatesUnique among disease-modifying therapies. NeuroPhage’s AD drug candidate, NPT001, safely and effectively disaggregates existing Aβ plaque in preclinical animal models.

- Provigent

PROVIGENT is the industry's leading merchant of "Systems on Chip" (SoC) products for the wireless transmission industry. Provigent solutions are ideal for cellular backhaul networks, fixed access, core networks, and private networks

- Pythagoras Solar

Pythagoras Solar brings together a unique combination of optics, materials science and advanced simulation techniques to add a new dimension to solar. Pythagoras empowers the photovoltaic (PV) industry to fully realize the opportunities of a post grid parity mass market with scalable, adaptable and cost effective solutions, optimized for a broad range of solar applications. Founded in December 2006, Pythagoras Solar has offices in California, Israel and China
• Teva Pharmaceuticals via Jerusalem College of Engineering

Teva Pharmaceutical Industries Ltd. is a global pharmaceutical company specializing in the development, production and marketing of generic and proprietary branded pharmaceuticals as well as active pharmaceutical ingredients. Teva is among the top 20 pharmaceutical companies and among the largest generic pharmaceutical companies in the world.

• Tsofen

The vision of “Tsofen - High Technology Centers” is to advance equal opportunity and minimize the inequality faced by Arab citizens of Israel by accelerating their entrance into the hi-tech industry. In this way Tsofen will also offer a solution to the problems of talent shortage and high operating costs faced by Israeli high-tech companies. Tsofen opens R&D centers in the Galilee (starting with Nazareth) that provide software development services to Israeli companies. The success of the Tsofen project will lead to Arab citizens of Israel being integrated into the Israeli hi-tech employment pool.

• ZenithSolar

ZenithSolar concentrated solar energy generation system is based on a new paradigm in optical design and high-efficiency solar cells. Founded in 2006, The ZenithSolar system is price competitive with traditional forms of energy without government subsidies. ZenithSolar is set to develop and mass produce the most reliable cogeneration solar power system - with a full vertically integrated strategy - that can be deployed as a distributed energy network.
A wide array of events were co-organized by the MIT-Israel Program, as detailed below. Some of the events were focused specifically on recruitment while others were directed to the wider MIT community and beyond with several energy related activities.

- **MIT-Israel CSAIL Informational** with Prof. Daniel Jackson on September 23rd.

- **MIT-Israel Faculty Affiliates Dinner** on September 22nd, 2008.

- **MIT - Israel Architecture and Planning Informational** with Prof. Eran Ben Joseph on October 7th, 2008.

- **Dr. Isaac Berzin on Biofuels** at Harvard Business school with Goodwin Procter LLP and Combined Jewish Philanthropies (CJP) on November 20th, 2008.

- **Shai Agassi, Founder and CEO of Better Place** - presented by MIT’s Engineering Systems Division (ESD) together with the MISTI/MIT-Israel program and others on December 4th, 2008.

- **MIT Hummus Event** with over 150 participants spearheaded by MIT Hillel with MIT Students for Israel, MIT Israeli Association and MIT-Israel on January 20th, 2009.


- **Hibur Lecture Series - "Future Cities"** by Prof. Carlo Ratti and Prof. Assaf Biderman, Wednesday, February 11th, 2009, 12:30pm, 9-152 The lecture was broadcast live to Technion, with both audiences having the opportunity to interact with the speakers. Organized by Hillel and Hibur in partnership with MIT-Israel.

- **"Israeli Post-Election Politics: Results, Challenges, and Goals "** with Mr Yisrael Ne'eman from Haifa University Tuesday, February 17, 2009, 7:00p–9:00p at W20-306. The event was being sponsored by Hillel, MIT-Israel, MITSI, MIT Israeli Students Association, and the Boston-Haifa connection.

- **Water, Energy, and Entrepreneurship**: an Israeli Case Study with Eytan Levy of Emefcy Thursday Feb. 26th, 2009, 6pm, E52-175, Organized by MIT-Israel, MIT Sloan Jewish Students Organization, Boston-Israel Cleantech Alliance.

- **The 2009 MIT Sloan Israel Trek talk** (in Israel) with Dov Moran, Founder and CEO of modumobile; founder and former CEO of M-systems with special presentation on MIT-Israel energy internships. Organized by The MIT Sloan Israel Business Club and The MIT Alumni Club of Israel in partnership with the MIT-Israel program.
- **Inventing a Better Future** with Frank Moss, Director of the MIT Media Lab, Jerome Wiesner Professor of Media Arts and Sciences, Tuesday, March 31st, 2009, 11:30 am, Organized by Hillel and Hibur in partnership with MIT-Israel.

- **Reaching your full potential as a scientist in your current and future career (in Hebrew)** with Dr. Uri Alon, Weizmann Institute, April 1st, 2009, 2:00p–4:00p, Organized by Bioabroad and MIT-Israel.


- **Historical Restoration and Archeology in the World Heritage Site - Acre, Israel**, Speaker: Shelley-Anne Peleg, Director, International Conservation Center, Israel Antiquities Authority, the Old Acre Development Company and the Acre Municipality. April 24th, 2009 1:00-2:30 pm. Organized by MIT-Israel in partnership with Hillel.

- **Israel Independence Day Barbeque**, Tuesday, April 28, 2009, 6:30 pm. Organized by MIT Israeli Association, in partnership with GSC Funding Board, Hillel and MIT-Israel.

- **Waltz with Bashir**, Organized by LSC, co-sponsored by MIT-Israel, in partnership with Hillel, the Israeli student association and the MIT Students for Israel, May 2009.

- **Jerusalem Communities Network**: Training Nonviolent Leaders Across the Cultural Divide Education, Culture, and Tourism for a Safe and Thriving Jerusalem with Hilia Tsedaka Author of “Mosaic Project,” Just Jerusalem Competition Honorable Mention Founder of Jerusalem Communities Network (http://jerusalem-mosaic.org), Thursday, May 21, 2009, 12noon – 1:30pm, Organized by MIT-Israel, DUSP, Jerusalem 2050

- **Concentrator Photovoltaics in Israel** with Prof David Faiman, Director of Israel’s National Solar Energy Center at Ben Gurion University and Chief Scientist of ZenithSolar. Wednesday, August 12, 2009, 6:30 pm. Organized by MIT-Israel in collaboration with Boston Israel Cleantech Alliance and Combined Jewish Philanthropies
David Dolev presenting to Sloan Israel Trek students and MIT alumni in Israel, March 2009, Tel Aviv


MIT-Israel affiliate Dinner: Dean Deborah Fitzgerald, Chancellor Phil Clay, MISTI Associate Director Pat Gercik, Co-President of MIT Israeli

Amit Danenberg, spouse of MIT Sloan student teaching at Ulpan (community Hebrew Class) organized by Hillel with MISTI-Israel support
XI. DONOR ACKNOWLEDGEMENTS

There have been a large number of organizations and highly dedicated individuals who have provided critical support and worked collaboratively with us. We would like to express our sincerest gratitude for your efforts. They have made a huge difference in the lives of many students.

Larry Broutman ’59, SM ’61, SCD ’63

Arie and Ida Crown Memorial Foundation (Charles Goodman ’54)

Arie and Ida Crown Memorial Memorial

Lionel C. Kimerling, Thomas Lord Professor, Department of Materials Science and Engineering

Robert and Myra Kraft Family Foundation

The Kogan Family

Edwin Roos

Arlene and Harold Schnitzer 44’


Arthur Reidel, Scintera, B.S. Mathematics ’73

Janice Rossbach 51’

Arnee R and Walter A. Winshall ’64
XII. FURTHER ACKNOWLEDGEMENTS

We would like to thank all of the student host sponsoring organizations and faculty hosts for their generous financial and administrative contributions: AVX via Jerusalem College of Engineering, ETV Motors, Intel via Jerusalem College of Engineering, Teva via Jerusalem College of Engineering, Acre’s International Center for Conservation/Israel Antiquities Authority, Kibbutz Lotan Center for Center for Creative Ecology, Bar Ilan University, Ben Gurion University, Hebrew University of Jerusalem, Tel Aviv University, Technion - Israel Institute of Technology, and The Weizmann Institute of Science

Susan Hockfield, President of MIT

Philip Khoury, Ford International Professor of History and Associate Provost at MIT

Phillip Clay, Chancellor, MIT

Itai Turbahn-EECS, Economics, 2011 and Sharon Rapoport-Physics, Minoring in Astronomy, 2010, Co-Presidents of The MIT Israeli Association

Ronen Kofman, Amit Karp, Co–Presidents, MIT Sloan Israel Business Club

MIT Hillel and its Director, Rabbi Michelle Fisher, Eliad Shmuel, Program Director, MIT Hillel

Eran Ben Joseph, Associate Professor, Landscape Architecture and Urban Planning; Chair, PhD program, MIT

Daniel Jackson, Professor of Computer Science, MIT

Diane E. Davis: Associate Dean MIT School of Architecture and Planning; Professor and Head, International Development Group Department of Urban Studies and Planning

Joseph Jacobson, MIT Associate Professor of Media Arts and Sciences

Ora Gladstone, Addir Fellows

Hibur: The Technion-MIT Link, Anat Rafaeli, Deputy Senior Vice President for International Academic Relations, Technion - Israel Institute of Technology, Merav Guttman, Orna Nagar-Hillman, Hibur students Omer Barzilai, Eliran Mesika and Itsik Hefez

The MIT Club of Israel:
Past President, Haim Alcalay, EECS ’61, President, APA Advanced Technologies President, Galya Racine, MBA 02’, Strategic Innovator, Innovation Wise
President MIT Sloan Club of Israel, Dan Grotsky, MS EECS/MBA 02’, Partner at Gas2Business Boaz Tamir, PhD, ’87, Political Science Department, Montefiore Partners Venture Capital fund

Jonathan Shapiro, Boston-Israel Cleantech Alliance

Roberta Bell-Kligler, Einat Rafaeli, The Department for Jewish Peoplehood- Oren, Shdemot

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Rami Lotem and Eytan Abraham, Bioabroad

Tami Durst, New England-Israel Business Council

Nadav Tamir, Consul General of Israel to New England

Rony Yedidia, Deputy Consul General of Israel to New England

Joel Berkowitz, New England Region Director of the American Technion Society

Ruth Gold, The American Technion Society

Ben Shamir, New England Regional Director at American Associates Ben-Gurion University of the Negev

MIT Israel Enterprise Forum and it’s Director, Ayla Matalon

Shlomo Gradman, Chairman. Israel High-tech CEO Forum

Shlomo Markel, Vice President at Broadcom Corporation
REFERENCES


2 Prof. Patrick Prendergast DoGS, Trinity College, Dublin Ireland. The role of formal graduate education as a foundation for research. Paper delivered to the Royal Irish Academy on Engineering Education at the 4th Level, held in the Chester Beatty Library, Dublin Castle June 19th, 2006.

3 Source: Central Bureau of Statistics, Bank of Israel

4 Source: IMD - Institute for Management Development, World Competitiveness Yearbook- 2004/5

5 Source: IMD - Institute for Management Development, World Competitiveness Yearboo- 2004/5

6 The Israel Export and International Cooperation Institute


8 ASSOCIATION of ALUMNI and ALUMNAE of the MASSACHUSETTS INSTITUTE of TECHNOLOGY