Helping MIT Students Find Their Path and Start the Journey

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Agenda

• *Intro to Global Education & Career Development*

• *Survey Says…*

• *The importance of experiences and skills*

• *Parents can make a difference*
Global Education and Career Development

Empowering MIT students and alumni to achieve lifelong success through seamless access to transformative global experiences, comprehensive and holistic career services and mutually beneficial connections with employers and graduate schools.
GECD

Career Services
Helps students plan and prepare for their careers, internships, and employment. Connects them to employers & industry.

Global Education
Helps students to Study Abroad, and discover other opportunities to go abroad.

Prehealth Advising
Helps students explore and prepare for application to medical and health profession schools.
Programs and Services

**Career Services**
- Freshman/Alumni Summer Internship Program
- Campus-wide workshops
- Career fairs, networking speakers, and panels
- Graduate School Advising
- Resume critiques and mock interviews
- On Campus Recruiting

**Global Education**
- MIT-Madrid Program
- IAP Madrid Program
- Imperial & MIT Program
- IAP Language Programs
- Departmental Exchanges
- Live, Learn and Intern in China
- Other study abroad

**Prehealth Advising**
- Advising
- Mentoring
- Shadowing opportunities
- Essay critiques
- Practice interviews
- Application guidance
- Credentials Services
Taking the Pulse of our Audience

You are surrounded by people with different career experiences.

Stand, and remain standing if…
• You had clear career goals when you completed high school
• Your studies were directly connected to these career goals
• Your career goals didn’t change while you were in college
• You are still in this career field

Raise your hand, and keep it up if…
• If globalization has affected your work, company or career field
• You have been personally affected by the slowed economic recovery
Students come to MIT Ready to Focus on their Passion
Connection between Career Goals and Academic Major
Explore, Explore, Explore
Career Perspectives

Jobs of the future may not exist now

MIT Students: Versatile + Creative + Analytical = Many Career Options

A more competitive workplace requires core competencies
What skills do you think U.S. employers use to screen university students?
What Employers Look For

Skills for Success

- Leadership: 80%
- Teamwork: 79%
- Writing: 70%
- Problem Solving: 70%
- Verbal: 69%
- Strong Work Ethic: 69%
- Initiative: 66%
- Analytic/Quant: 63%
- Flexibility: 61%

% of employers seeking these attributes on a candidate’s resume

National Association of Colleges and Employers
2016 Job Outlook Survey
Where do Students Get Career Information?*

- Peers: 96%
- MIT Fall Career Fair: 90%
- Parents: 89%
- My Advisor: 75%
- Internships: 73%
- Student Groups: 73%
- Research Program: 71%
- Other Faculty: 71%
- Alumni: 70%
- My Department: 70%
- Online Platforms (i.e. LinkedIn): 69%
- MIT Career Services: 62%
- People in Your Research Group: 48%

*2017 Career Exploration Survey
Our Role
F/ASIP  
Freshmen/Alumni Summer Internship Program

Description of F/ASIP
1  a : A credit bearing seminar for 80+ freshmen.
    b : Introduces students to career exploration and development.
    c : Helps in cultivation of professional skills.
    d : Provides opportunities to find a summer internship or research experiences in the U.S. and abroad.
Advising and Mentoring

Professional Career Advisors from GECD

Teaching Assistants
(Upperclassmen who are past F/ASIP participants)

Internship Mentors
(Often MIT alumni)

WHY F/ASIP?

Exclusive Resources

Workshops and Events tailored to Freshmen

Exclusive Weekly Emails with internships

Professional Career Advisors from GECD

Targeted Employer Connections for F/ASIP students
MIT Undergraduate Summer Experiences

- **Travel**: 21.2%
- **Time Off**: 17.6%
- **Research**: 29.2%
- **Internship**: 33.8%
- **Other**: 9.8%

*Respondents could select multiple answers.

**Source**: 2013 MIT Summer Experience Survey, 47% Response Rate

- **Avg Salary**: $17.28/Hr
- **80.8%**: Reported They Had Clarified Career Goals
- **Top Locations**: MA, CA
Robust Recruiting Programs

Web-based Recruiting
• Accessible 24/7
• Top companies recruit at MIT

On-Campus Interviews
• 200+ Employers
• 4,527 on-campus interviews
• 3,665 jobs posted

Survey says
• MIT Career Services is one of the top source of employment for MIT graduates
Class of 2016 Career Outcomes

PLANS AFTER GRADUATION

<table>
<thead>
<tr>
<th>Work</th>
<th>Grad School</th>
<th>Other*</th>
</tr>
</thead>
<tbody>
<tr>
<td>52%</td>
<td>37%</td>
<td>*11%</td>
</tr>
</tbody>
</table>

*Fellowships, Education, Travel, Volunteer & Part-time Work
**Percentages may not total to 100 due to rounding

IMMEDIATE ATTENDANCE AT GRADUATE SCHOOL IS INCREASING

Over 48% not attending immediately plan to do so within 5 years.

TOP EMPLOYERS

Google
Morgan Stanley
ORACLE
McKinsey & Company
Goldman Sachs
accenture
J.P. Morgan

TOP INDUSTRIES

Computer Software
Consulting
Engineering

$84,882 AVERAGE SB SALARY

20% WORK AT A START UP

Source: MIT Graduating Student Survey
Top Hiring Organizations

- McKinsey & Company
- GE
- Amazon
- Apple
- Google
- Microsoft
- The Boston Consulting Group
- J.P. Morgan
- IBM
- Oracle
- U.S. Air Force
- Deloitte Consulting
- Goldman Sachs
- Morgan Stanley
- Harvard University
- U.S. Air Force
- Accenture
- BAIN & COMPANY
- MIT Lincoln Laboratory
- Booz Allen Hamilton
- Intel
- Boeing
- Raytheon
### DEGREE TYPES

<table>
<thead>
<tr>
<th>Degree Type</th>
<th>2016 Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD</td>
<td>35%</td>
</tr>
<tr>
<td>MEng</td>
<td>36%</td>
</tr>
<tr>
<td>MS</td>
<td>14%</td>
</tr>
<tr>
<td>MD</td>
<td>11%</td>
</tr>
</tbody>
</table>

*Respondents could select multiple responses.

### Top Schools 2010-2016

- MIT
- Stanford
- Berkeley
- Harvard

71% of graduating seniors applied to MIT for graduate school.

Source: MIT Graduating Student Survey
## 2016 MIT Pre-Med Outcomes

### Medical School Applicants

<table>
<thead>
<tr>
<th>Category</th>
<th>Applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total MIT applicants</td>
<td>116</td>
</tr>
<tr>
<td>Undergraduates</td>
<td>46</td>
</tr>
<tr>
<td>Graduate Students</td>
<td>5</td>
</tr>
<tr>
<td>Alumni</td>
<td>65</td>
</tr>
</tbody>
</table>

### Medical School Acceptance Rates

<table>
<thead>
<tr>
<th>Category</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduates using GECD Prehealth Advising Services</td>
<td>91%</td>
</tr>
<tr>
<td>National Acceptance Rates</td>
<td>41%</td>
</tr>
</tbody>
</table>

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### Top Medical Schools

- Harvard Medical School
- Stanford University School of Medicine
- The Yale School of Medicine
- Johns Hopkins School of Medicine
- Boston University School of Medicine
- Tufts University School of Medicine
- Northwestern University Feinberg School of Medicine
- University of Michigan School of Medicine
- Case Western Reserve University School of Medicine
- Washington University School of Medicine in St. Louis
MIT Pre-Med Support

Large staff of advisors

Early engagement: Discover Prehealth Freshman Pre-Orientation, Physician Shadowing, and Alumni Mentoring Programs

Active faculty involvement

Week-long seminar focusing on contemporary health and medical issues

Support all MIT applicants with institutional letter of endorsement
Premed Basics

• No “Premed” major at MIT
  – Students major in a variety of disciplines/Review Recommended Prerequisites…*MIT General Institute Requirements help fulfill these*

• Should gain **Exposure** and **Experience**

• **A Prehealth Advising Meeting is encouraged during the Freshman year**, and recommended at least one year in advance of application (spring of Sophomore year or fall of Junior year).

• **Freshmen, Sophomores, and Juniors should:**
  – **JOIN** Listserv and MIT Prehealth Advising Facebook Group: Email prehealth@mit.edu w/subject: “*Please add me to the [year] prehealth email list*” (year you plan to enter medical school)
  – **ATTEND** workshops, events, and school information sessions
  – **COMPLETE** recommended prerequisites
  – **PARTICIPATE** in MIT Physician Shadow Program
  – **GET INVOLVED** in activities (medical and non-medical)
It's never too early to start planning your global adventure. This site will guide you to MIT resources that can turn your adventurous ideas into an exciting reality!
Nearly half of all MIT undergraduates participate in at least one global experience:

Source: MIT Graduating Student Survey, 2006-13
Where Do MIT Students Go?

- 1132 undergraduates participated in MIT global opportunities in 2016-2017
- 57 Countries (Top 10: Spain, Italy, Israel, Germany, France, the UK, South Africa, Singapore, Japan and India)
MIT has a world of connections – let them begin to work for you.

Make your MIT experience a global experience.

Explore a world of opportunity, expand your vision, change your life.

Think global. Act global.

It’s never too early to plan your global experience.
Self-Reported Learning from MIT Global Experiences

- Understanding Cultural Differences: 91%
- Increased Adapability: 88%
- Cross-Cultural Communication: 84%
- Increased Self-Confidence: 75%

MIT Students with Global Experience Report Greater Gains than MIT Peers:

- Foreign Languages
- Global Awareness
- Acquiring Broad Knowledge
- Identifying Moral/Ethical Issues
- Historical/Cultural Perspectives
- Conducting Scholarly Research
- Relating to Different Races/Nations/Religions
- Understanding Social Problem Complexity

Source: 2014 Graduating Student Survey

Source: 2014 Senior Survey
MIT Global Support

Work with partner departments across MIT

Early engagement: Go Global Fair

Advise students on study abroad opportunities, department exchanges, and support student interests

Active faculty involvement
Your Role

• Support **self-assessment** and the **exploration** of strengths, interests, experiences and the world of work.

• Support selected **involvement in extracurricular activities**, especially clubs related to their fields.

• Be aware of resources and **empower them to make their own decisions** and be supportive of their choices. Encourage global experiences, including study abroad.

• Promote the **value of practical experience** in building competencies and making informed career decisions.

• Help them to **plan ahead** and to become **results-oriented**. Encourage them to **visit our office early and often**.

• Promote the hiring of MIT students at your company.
Global Education & Career Development empowers students for lifelong success.

Find your path. Start the journey.
What Questions Do You Have?