MIT Innovation 101

A guide to innovation at MIT and
the MIT Innovation & Entrepreneurship Community

MIT Office of Innovation
Lauren Tyger, Program Manager

What is Innovation?

Innovation

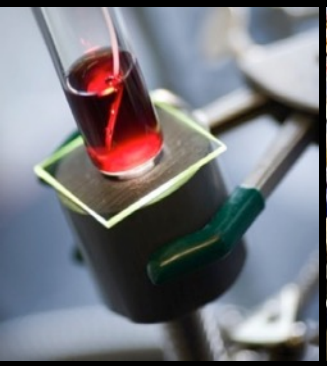
[in-*uh*-**vey**-sh*uh*n]

noun

At MIT, innovation is the process of taking ideas from inception to impact.
Focus is on the *entire* journey, *not* products or services.

We emphasize that an idea is the match between a problem and a solution.

Innovation is everywhere. Certainly at startups—but also at corporations, nonprofits, governments, and universities.



You are an Innovator

Innovation is in our DNA

The MIT community is driven by a shared purpose: to make a better world through education, research, and innovation.

The mission of MIT Office of Innovation is to support MIT's innovative people, programs, and partnerships by

- catalyzing the innovation headquarters
- enabling MIT's innovation programs
- stewarding the wider I&E community—ensuring MIT's continued impact in the global innovation economy

Innovation @ MIT

By the Numbers

$1.85B

$ research expenditures FY21

~6,000

Number of publications by faculty

354

Number of patents issued in 2022

Sources: TLO FY22 Annual Report & https://web.mit.edu/facts

Innovation @ MIT

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Selected Honors

59
National Medals of Science

79
MacArthur Fellows

6
Pulitzer Prizes

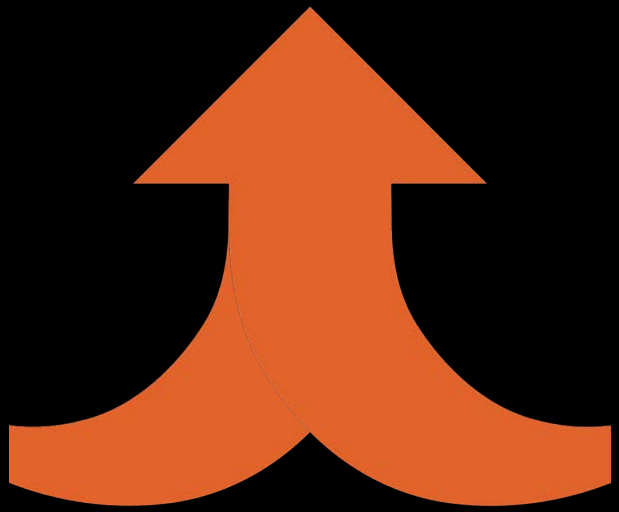
98
Nobel Prizes

30
National Medals of Technology and Innovation

Sources: TLO FY22 Annual Report & https://web.mit.edu/facts

Pathways to Impact
Innovation-driven Enterprises (startups!)

IMPACT



‘Lab-based Startups’

Emerging from faculty-led MIT labs

MIT IP

~30/year

‘Dorm-based Startups’

Emerging from our student community

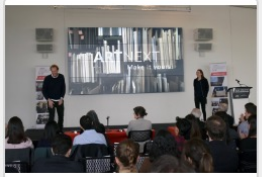
STUDENT IP

~100/year

MIT Innovation Ecosystem

Departments / Labs / Centers / Student Groups

MIT Departments, Labs & Centers


$15K Creative Arts Compet...

BU Law Clinics - Technolog...

Gordon-MIT Engineering L...

I&E Librarian

Legatum Center for Develo...

Lemelson-MIT Program

Martin Trust Center for MIT...

D-Lab

Enterprise Forum of Cambr...

Hong Kong Innovation Node

New England I-Corps @ MIT

Office of Innovation HQ

MIT International Science a...

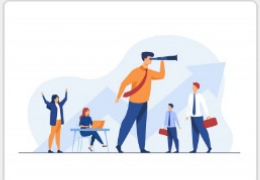
MIT Online Maker Commun...

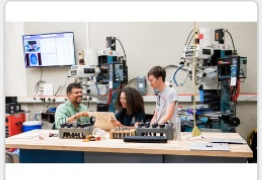
MIT Sandbox Innovation Fu...

MIT Solve

MIT Venture Mentoring Ser...

PKG Center for Public Servi...


PKG IDEAS Social Innovatio...


Project Manus

OSATT-Technology Licensi...

Innovation.mit.edu/resources

MIT Student Groups

Africa Business Club

Black Business Student

Design for America MIT Cha...

First Generation College Gra...

Global Security Technology ...

Global Startup Workshop

Hispanic Business Club

MIT $100K Entrepreneurship...

MIT Biotech Group

MIT Entrepreneurship Club

MIT Food and Ag Club

MIT Hacking Medicine

MIT Sloan Blockchain Club

MIT Sloan Entrepreneurship ...

Sloan Business Club

Sloan Pride

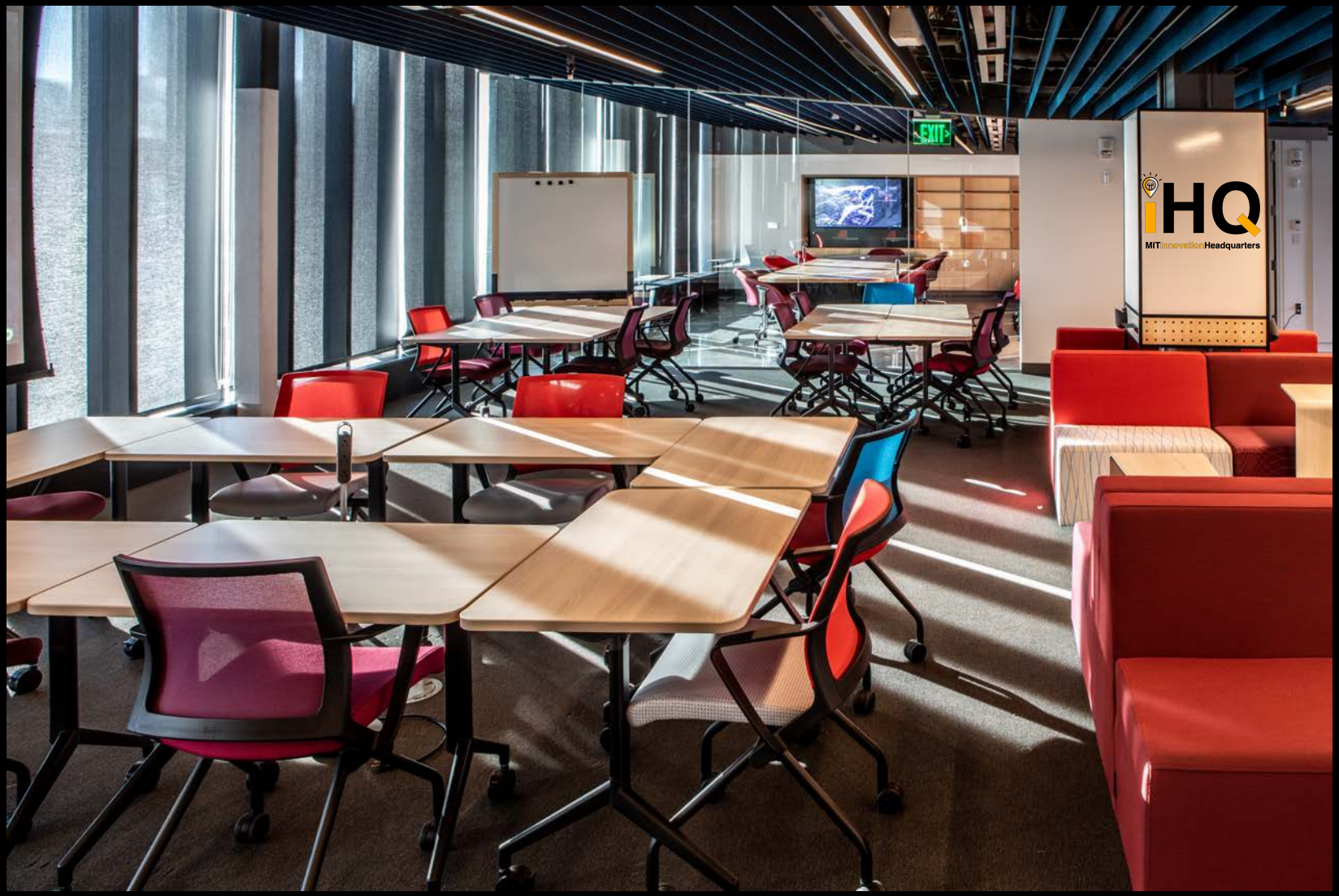
Sloan Women in Manageme...

StartLabs

ihq.mit.edu/student-community

What can an Innovator look like?

MIT’s home for innovators


EXIT
iHQ
MITInnovationHeadquarters

How do I start to navigate the I&E community?

1. Sign up for iHQ weekend access & newsletter
ihq.mit.edu/student-community/student-after-hours

2. Attend I&E Resource Roundup – 9/13
   Stata Center 11:30AM-1:30PM
   Free grilled cheese!

3. Reach out!
   innovation@mit.edu

orbit