

INNOVATION



MIT DESIGN INITIATIVE

John Ochsendorf, Class of 1942 Professor of Architecture / Civil and Environmental Engineering

Maria Yang, Associate Dean of Engineering / Mechanical Engineering

Reporting to Deans Anantha Chandrakasan and Hashim Sarkis

Context

- International Design Center (IDC) with support from Singapore has just concluded after ten years
- There is a need to connect and support the different and dispersed design undertakings (IDC, IDM, Design Minor/Major, MITDesignX, DesignPlus)
- Elevating design at MIT could help to address societal problems by amplifying human and creative dimensions of technology

Current Ecosystem

MIT

Course subjects and research across Institute

Interdisciplinary programs – D-Lab, Integrated Design and Management (IDM), International Design Center (IDC)

Degree programs, minors, tracks (2A)

Spaces for design - makerspaces & technology, studios, buildings

External

Stanford - Hasso Plattner

Northwestern - Segal Institute

Berkeley - Jacobs Institute

Imperial College - Dyson School

Brown-RISD - new design program

SUTD, Yale, USC, CMU, TU Delft...

Design across MIT



Biobot.io (Course 7 + Course 11) venture backed startup transforms wastewater infrastructure into public health observatories



MIT D-Lab + Course 2 - Emily Young startup Moving Health develops low cost, sustainable emergency vehicles for Africa



Ministry of Supply - engineered, high performance clothing started by Course 10, 2 and Sloan alums



Bloomertech (Course 6 + IDM) designs smart clothing to address gender gap in health analytics



Hashim Sarkis
SA+P Dean



Anantha Chandrakasan
Engineering Dean



John Ochsendorf,
Architecture; CEE
(Co-chair)



Maria Yang,
MechE
(Co-chair)



Steve Eppinger,
Sloan



John Gabrieli,
Brain & CogSci



D. Fox Harrell,
CSAIL, CMS/W



Colette Heald,
CEE, EAPS



Eric Klopfer,
CMS/W



Miho Mazereeuw,
Architecture



Stefanie Mueller,
EECS; MechE



Elsa Olivetti,
MS&E



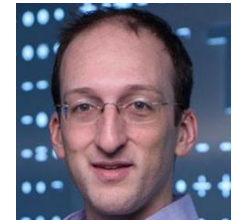
Mitch Resnick,
Media Lab



Ellen Roche,
MechE, IMES



Gilad Rosenzweig,
MITdesignX



Mike Short,
Nuclear Eng.



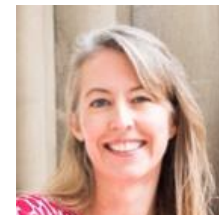
Amy Smith, D-
Lab, MechE



Scott Stern,
Sloan



Skylar Tibbits,
Architecture



Kate Trimble,
OEL



Sarah Williams,
DUSP



Danielle Wood,
Media Lab

WHITE PAPER: ENVISIONING THE FUTURE OF DESIGN AT MIT, April 2021



HUB OF DESIGN

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** In design – subject to change.*





Vision

- **Creating bold thinkers who can tackle societal problems across disciplines**
- **Supporting students and faculty financially so they can take greater risks**
- **Infusing human-centered approaches throughout an MIT education**
- **Scaling the impact globally by planting a flag for design at MIT**

POTENTIAL TRANSFORMATIONAL GIFTS



Transformative Actions

Design@MIT

- **Endowed graduate fellowships**
- **Named spaces for design in the Metropolitan Warehouse**
- **Endowed professorships**
- **Endowed programs and outreach**

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