

Enabling Innovation: Designing Research Facilities, July 27-30 2020
Professor Elazar Edelman & Dr. Tolga Durak

Day One - Welcome and Introduction to Innovation Spaces

| Time | Topics | Instructor(s) | Readings/ Assignments |
|-------------|--|----------------------|----------------------------------|
| 9am-5pm | Course Information and Outline; the MIT Experience | | |
| | Definition: what do we mean by innovation spaces | | |
| | Types of innovation spaces | | |
| | GMP / GLP Facilities | | |
| | | | |
| | <i>Lunch break</i> | | |
| | | | |
| | High Containment Labs | | |
| | Makerspaces | | |
| | Open discussion at the end of the day | | |
| | | | |
| | After-class complimentary reception/networking activity for participants, traveling companions, and faculty | | |

Day Two - Design and Construction

| Time | Topics | Instructor(s) | Readings/ Assignments |
|-------------|--|----------------------|----------------------------------|
| 9am – 5pm | DoF – Campus Construction <ul style="list-style-type: none"> • Process: conception to operating • Project case study | | |
| | MIT Nano case study | | |
| | | | |
| | <i>Lunch break</i> | | |
| | | | |
| | Outside A&E Firms | | |
| | SA+P / Campus Services and Stewardship | | |
| | DOF – FEG | | |
| | | | |

| | | |
|--|--|--|
| After-class group/ networking activity | | |
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Day Three - Regulations, Compliance and Risk

| Time | Topics | Instructor(s) | Readings/ Assignments |
|-----------|--|---------------|--------------------------|
| 9am – 5pm | Human Subject / Animal Research Animal CRO (CBSET) Human/Clinical Trials Tufts NCAT Hospital-based IRB Clinical CRO | | |
| | IP and Export Control | | |
| | | | |
| | <i>Lunch Break</i> | | |
| | | | |
| | <i>Safety and Risk Considerations</i> | | |
| | Open discussion at the end of the day | | |

Day Four - Technology, Tools and Operations

| Time | Topics | Instructor(s) | Readings/ Assignments |
|-----------|---|---------------|--------------------------|
| 9am – 5pm | Incubators / Core Facilities | | |
| | Campus tours or Presentations (participant dependent) | | |
| | | | |
| | <i>Lunch break</i> | | |
| | | | |
| | Innovative Space Startup Exercise (participant dependent) | | |
| | Course Wrap-up: next steps | | |