Thesis Shortlist

On-line Degree Application: http://student.mit.edu/cgi-docs/student.html
This includes a working thesis title: You can change your title later in the semester.
The name on your diploma must be your legal name: Your thesis can include an alternate name.
If you need to come off the degree list, email kbertin@mit.edu or thaynes@mit.edu

Dual Theses: https://oge.mit.edu/gpp/degrees/masters/simultaneous-registration-for-two-masters-degrees/

Joint Theses: https://oge.mit.edu/gpp/degrees/thesis/joint-theses/
Both authors must graduate at the same time

International students Post-Completion OPT:
https://iso.mit.edu/employment/f-1optional-practical-training-after-program-post-completion-opt/

Thesis Abstract & Images: 250- to 300-word Thesis Abstract & 1-2 images
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https://forms.office.com/pages/responsepage.aspx?id=utmvZM8Oz0q8NpNfYjW6izv0g9JEBiBOTr9SVQPibvpUNjJGTExESjM4OUdQUk00UTJNRVkJOUdQUk00UTJNRVkJOUdQUk00UTJNRVkJOUdQUk00UTJNRVkJOUdQUk00UTJNRVkJOUdQ

Formatting guidelines specific to Architecture:

Department Submission Portal: https://forms.office.com/r/WKuBW8AzuRU
For Front Matter: http://catalog.mit.edu/schools/architecture-planning/architecture/#facultystafftext
   Submit as a single, continuous page in pdf form (spreads are fine but will, therefore, be broken up)
   Page numbers or images only may go to the page edge (i.e., no headings, captions, text, etc.)

Submit approved title page information: https://thesis-submit.mit.edu
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**MIT Department of Architecture Checklist for Thesis Submittal**


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**Thesis title** on cover, title pages, + abstract corresponds to official recorded title listed on the online Degree Application, [http://student.mit.edu/cgi-docs/student.html](http://student.mit.edu/cgi-docs/student.html)

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While no e/signatures are required, you must include the signature lines. *Note: The Chair of the Committee on Graduate Students and Director of the Undergraduate Architecture Program for AY2022 is Les Norford*

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**Correct copyright logo** and statement on title page

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**Other title page info** (date degree to be awarded, previous degree info, names + faculty titles confirmed against [http://catalog.mit.edu/schools/architecture-planning/architecture/#facultystafftext](http://catalog.mit.edu/schools/architecture-planning/architecture/#facultystafftext), etc.). *Note: The date below the author’s signature is the institute deadline for turning in the thesis: i.e., January 14, 2022 for a February 16, 2022 graduate.*

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**Page with committee/reader names and titles** (no e/signatures required) inserted after title page and before the abstract (this is an additional Departmental requirement) [BSA candidates are not required to have a thesis committee; readers are optional unless the advisor is not from Course 4]

___

**Abstract** (format verified, including single line spacing for abstract and bibliography)

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**Point size** (minimum is 11 pt. with 10 pt. for table OR CAPTION text — this includes text on/in images)

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**Illustrations and figures** (all have captions and figure numbers, where appropriate)

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**Sources credits** (include a bibliography and illustration credits, including author’s own work)

For PhD only:

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**UMI form** is completed and an extra copy of the title page and abstract stapled to it. The form can be found in the Specifications for Thesis Preparation publication online (go to “Submission of Doctoral Abstract to International Database”):

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**MIT Doctoral Student Exit Survey** to be completed online. Please print and submit the final page to the Department along with your dissertation as proof that you have completed the survey: [http://web.mit.edu/surveys/grad/phdexit/](http://web.mit.edu/surveys/grad/phdexit/)
Thesis Committee Guidelines

SMArchS Thesis Committees
The SMArchS thesis committee is composed of at least two and no more than three members. The thesis supervisor must be a permanent faculty member* of the MIT Department of Architecture. The first reader must be a permanent faculty member of the Department of Architecture or in a related department at MIT. The third member (second reader) may be any member of the MIT faculty or research staff, an outside professional, or a faculty member from another institution. The academic advisor must approve the committee composition.

Co-thesis supervision is permitted as long as one of the supervisors is a permanent member of the Department of Architecture faculty. The other supervisor may be any member of the MIT faculty or research staff, an outside professional, or a faculty member from another institution.

MArch Thesis Committees
The MArch thesis committee is composed of three members. The thesis supervisor must be a permanent faculty member* of the Department of Architecture with an architecture design background. (A list of eligible faculty is available from the degree administrator.) The second and third members may be MIT faculty or research staff, an outside professional, or a faculty member from another institution.

Co-thesis supervision is permitted as long as one of the supervisors is a permanent member of the Department of Architecture faculty with an architecture design background. The other supervisor may be any member of the MIT faculty or research staff, an outside professional, or a faculty member from another institution.

SMACT Thesis Committees
The SMACT thesis committee is composed of at least two and no more than three members. The thesis supervisor must be a permanent faculty member* of the Art, Culture and Technology Program. The first reader must be any permanent faculty member of the Department of Architecture or in a related department at MIT. The third member (second reader) may be any member of the MIT faculty or research staff, an outside professional, or a faculty member from another institution. The thesis advisor must approve the committee composition.

SMBT Thesis
The SMBT student is not expected to have a thesis committee. A research advisor (permanent faculty member* in BT) is assigned at the time of admissions and generally this advisor becomes the thesis supervisor. Readers are optional.

PhD Dissertation Committees
The PhD dissertation committee is comprised of a minimum of three members: one thesis advisor, who also serves as the dissertation committee chair, and two readers.

The thesis supervisor/committee chair must be a permanent faculty member* of the discipline group granting the degree. The first reader must be a permanent member of the MIT faculty. The third member may be any member of the MIT faculty or a faculty member from another institution. A fourth reader is optional and may also be from within or outside the MIT community.

Co-thesis supervision is permitted as long as one of the supervisors is a permanent member of the Department of Architecture faculty. The other supervisor may be any member of the MIT faculty or research staff, an outside professional, or a faculty member from another institution.

* A “permanent faculty member” is a tenured or tenure track assistant, associate or full professor and those members of the academic instructional staff with multiple-year appointments. Visitors and short-term lecturers are not considered permanent faculty.
NAME: _______________________________________________________________________________

TITLE OF THESIS: _______________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

AGREEMENT: The program as proposed is adequate for a Master of Architecture thesis. I am willing to supervise the project and evaluate the thesis.

APPROVED BY:

________________________________________________
(Print Thesis Advisor's Name)

(Signature of Thesis Advisor) (Date)

PRINTED NAMES & SIGNATURES OF READERS:

_____________________________________________________________________________________

_____________________________________________________________________________________

_____________________________________________________________________________________

(Third Reader Optional)

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Use of the Regulated Secretory Pathway to Ease Protein Product Recovery in Animal Cell Culture

by

David M. Stevenson

B.S. Chemistry
Angelo State University, 1987

SUBMITTED TO THE DEPARTMENT OF CHEMICAL ENGINEERING IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF

MASTER OF SCIENCE IN CHEMICAL ENGINEERING
AT THE
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

FEBRUARY 1994

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Signature of Author: _______________________________  Department of Chemical Engineering  January 14, 1994

Certified by: ________________________________________  Gregory Stephanopoulos  Professor of Chemical Engineering  Thesis Supervisor

Accepted by: ________________________________________  Robert E. Cohen  Professor of Chemical Engineering  Chairman, Committee for Graduate Students
Thesis Title

by

Student Name 1

Student 1 UG degree
Student 1 UG University, 20xx

and

Student Name 2

Student 2 UG degree
Student 2 UG University, 20xx

Submitted to the Department of Architecture
in Partial Fulfillment of the Requirements for the Degree of

Master of Architecture

at the

Massachusetts Institute of Technology
Month (SEPTEMBER, FEBRUARY OR MAY) 20xx

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Signature of Authors: ____________________________

Department of Architecture
Month day, 20xx

Certified by: ____________________________
Thesis supervisor’s name
Thesis supervisor’s title
Thesis Supervisor

Accepted by: ____________________________
Leslie K. Norford
Professor of Building Technology
Chair, Department Committee on Graduate Students
Impact of Retail Sales and Outsourced Manufacturing on a Build-To-Order Supply Chain

by

Kanay Gupte

B.S., Electrical Engineering
University of Texas at Austin, 2003

Submitted to the MIT Sloan School of Management and the Department of Electrical Engineering & Computer Science in Partial Fulfillment of the Requirements for the Degrees of

Master of Business Administration and
Master of Science in Electrical Engineering and Computer Science in conjunction with the Leaders for Manufacturing Program

at the
Massachusetts Institute of Technology
June 2009

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Signature of Author ...................................................................................................................

MIT Sloan School of Management
Department of Electrical Engineering and Computer Science
May 8, 2009

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Thesis Supervisor

Firstname Lastname, MArch
Pietro Belluschi Teaching Fellow

and readers

Firstname Lastname, PhD
Professor of Architecture

Firstname Lastname, MCP
Professor of the History and Theory of Architecture

Firstname Lastname, DDes
Associate Professor of Architecture and Urbanism
ABSTRACT

In pursuit of an architecture of the everyday, our neoliberal reality indicates incessant change is afoot. Structures operating within existing sites support shared capital and space, informing programs and evolving memorials. The average lifespan of modern construction lends itself to greater and greater elemental states of build/budge technology. If buildings must die, the existence of digital data centers change the way we render with a plan for obsolescence.

Our daily life is supported by materials that eventually pile up out of site. The choreography of trash renders a platform to reclaim trash as ephemera going from the inconvenient to the sought-after materials of cultural statement. Technological advancement destroys the relationship between buildings and people and people seeing their living space as art. Indigenous populations have been duped out of inherently reusable natural material resources that were both durable and organically beautiful. Mass tourism is partially responsible and interventions have come late.

Climate change intensifies the need to identify durable, renewable materials to assist coastal cities and farms prepare for dramatically shifting forces of nature. Subtle sensibilities to post-modern definitions of beauty in construction must give way to a new definition of beauty in the built environment. The order of operations with materials serving aesthetics must die in order to save the planet. This thesis predicts that the human eye has limitless capability to adjust to more simple, imperfect forms of physical beauty.

The project described herein leverages machine learning to execute tasks with little human input. Priority of material can be factored independent on the current state of ecological material ratings and conventional environmental design problems. The design goal is an elegant and elegantly rendered process in the service of a humanity that defines itself as persisting long into the future.
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