

ALL IN-PERSON ATTENDEES PLEASE SIGN-IN ON ONE OF THE SHEETS

ALL ZOOM ATTENDEES PLEASE SIGN-IN VIA THE CHAT

SENATORS: Name and Department

FACULTY GUESTS: Name and Department

NON-FACULTY GUESTS: Name and Affiliation

PRESS: Name and Affiliation

Gayogohó:no' Land Acknowledgement

Cornell University is located on the traditional homelands of the Gayogohó:no' (the Cayuga Nation). The Gayogohó:no' are members of the Haudenosaunee Confederacy, an alliance of six sovereign Nations with a historic and contemporary presence on this land. The Confederacy precedes the establishment of Cornell University, New York state, and the United States of America. We acknowledge the painful history of Gayogohó:no' dispossession and honor the ongoing connection of Gayogohó:no' people, past and present, to these lands and waters.

This land acknowledgment has been reviewed and approved by the traditional Gayogohó:no' leadership.

REMINDER – May 11th

2022 Faculty Election by 12pm (noon)

- Email from "OptaVote Voting Link" in email inbox
 - Associate Dean of Faculty
 - Faculty Trustee Candidates
 - University Faculty Committee
 - Nominations and Elections Committee
 - Senators-at-Large

Faculty Forum: Increasing the Transparency and Effectiveness of Faculty Senate Proceedings

• 3:30-4:30 via Zoom

HYBRID FORMAT	In-person and remote attendance
ZOOM CAPTIONING	Choose "Live Transcription" in the Zoom menu
TO SPEAK	2 minutes to pose a question or make a statement Identify yourself: First name, Last name and Department Zoom first (Muted until called) Floor next (to allow Senators to come up to the microphone) Back to Zoom Back to Floor
CHAT	Want to attend to statements on the floor; set to everyone Do not want to disadvantage in-person attendees; 2 minutes Please limit chat to sharing resources with each other Will be published 'as is' publicly on DoF website after meeting
RECORDING	Started at 3:30PM Audio and chat will be posted on agenda webpage after meeting

Approval of Zoom Transcription Minutes

April 20, 2022

Unanimous consent requested Raise hand (in-person or remote) for corrections only

Q & A with President Martha Pollack

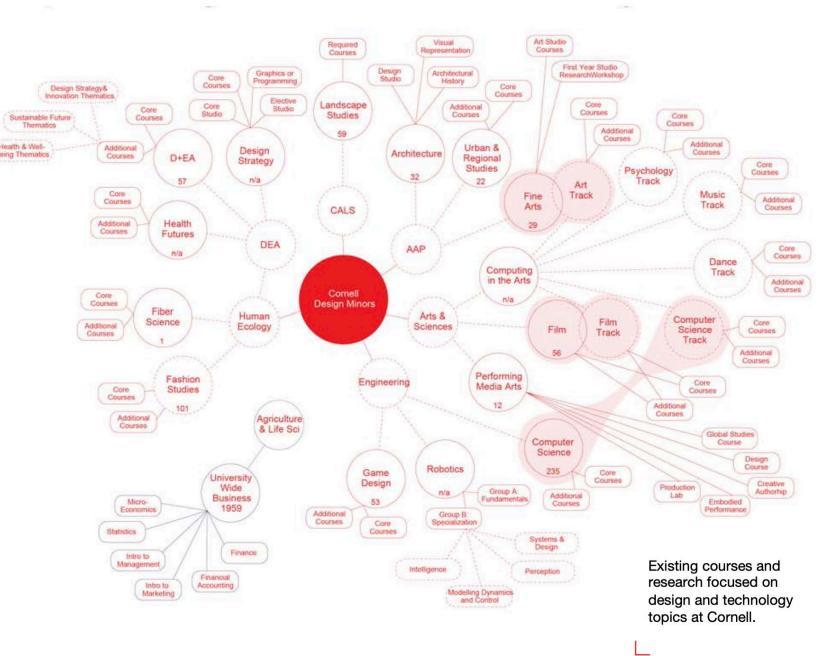
Computer Science

Design Technology Department in College of Architecture, Art, and Planning

Professor Jenny Sabin, Architecture and Professor Wendy Ju, Information Science

Design & Technology

Our Cornell Expertise



Design + Technology

CORNELL AAP

Health & Well-

2

Faculty Task Force

INVOLVEMENT

Associate Prof. Jenny Sabin Architecture (AAP) ** (co-chair)

Associate Prof. Wendy Ju Information Science (Jacobs Technion-Cornell Institute at Cornell Tech) *** (co-chair)

Associate Prof. Huiju Park & Professor Keith Green Human Centered Design (CHE)

Assistant Profs. Timur Dogan and Dan Torop Architecture & Art (AAP)

Professor of Practice, Mukti Khaire SC Johnson and Cornell Tech

Associate Profs. Rob Shepherd & Guy Hoffman

Mechanical and Aerospace Engineering (Engineering)

Professor Francois Guimbretiere & Associate Prof. Malte Jung Information Science (CIS)

Professor Uli B. Wiesner Materials Science & Engineering (Engineering)

Professor Itai Cohen Physics (Arts & Sciences)

CORNELL AAP

The Charge on Design Education & Design Research

at Cornell in areas related to Design+Technology

Excellence

Create a program of excellence in Design+Technology for Cornell that fosters synergies across multiple colleges.

Uniqueness

Create a unique interdisciplinary model for Design Education and Design Research

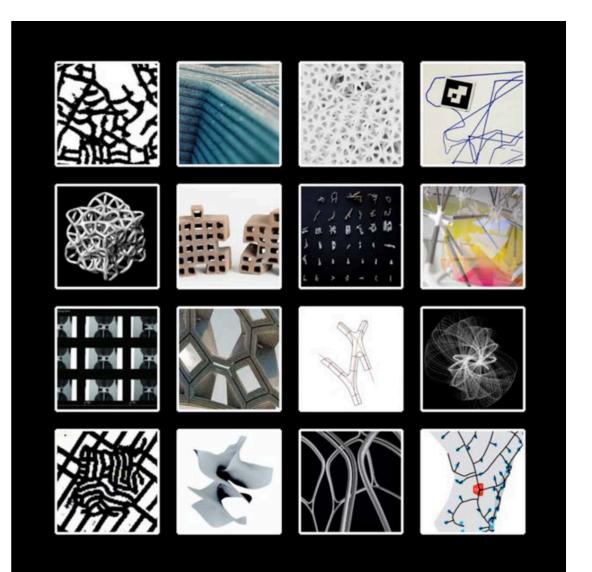
Opportunity

Identify opportunities for undergraduate and graduate design degrees and courses & develop possible structures and a road map to develop such an entity

We will be a leader in Design & Technology

The College is well poised to leverage its strengths in applied creativity to be a **leader in Design & Technology.**

This can be catalytic on multiple levels for education, industrial impact, and research innovation.





Inspiring New Collaborations



Harald Haraldsson, Director of the XR Collaboratory and MS MDC graduate Students working in the lab @Cornell Tech

MS MDC student, Willam Qian

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Cutting Edge Creative Research at Cornell AAP Now

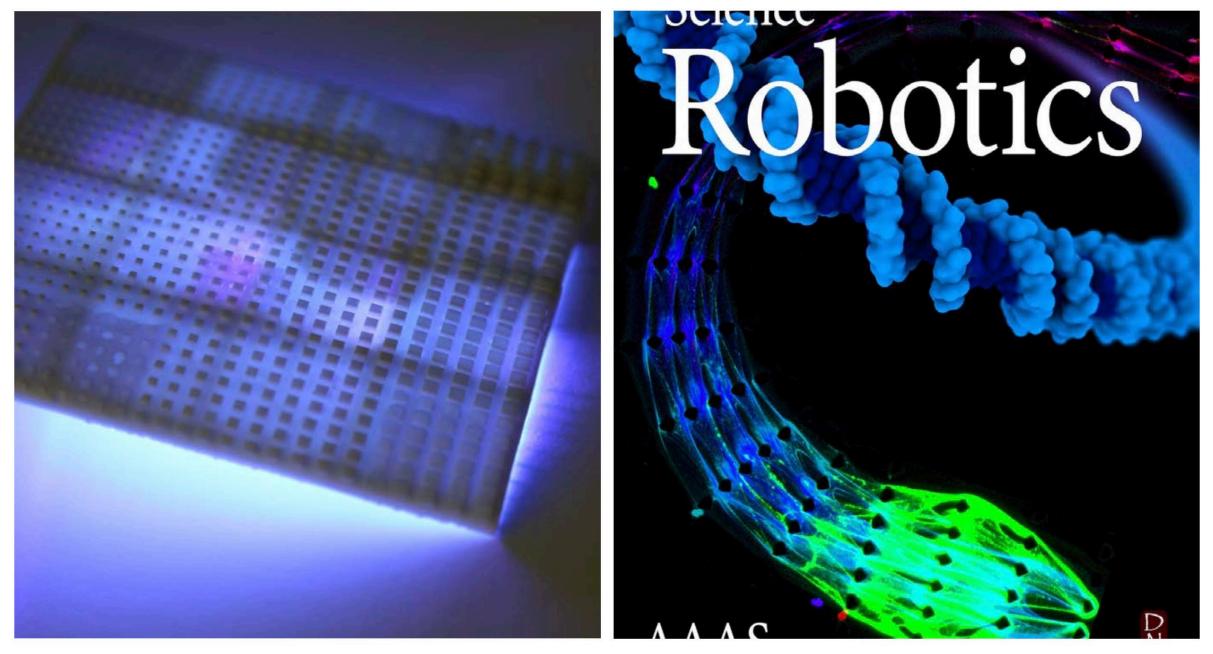


Farzin Farzin, Some World Games at Closed Worlds opening, Storefront for Art & Architecture

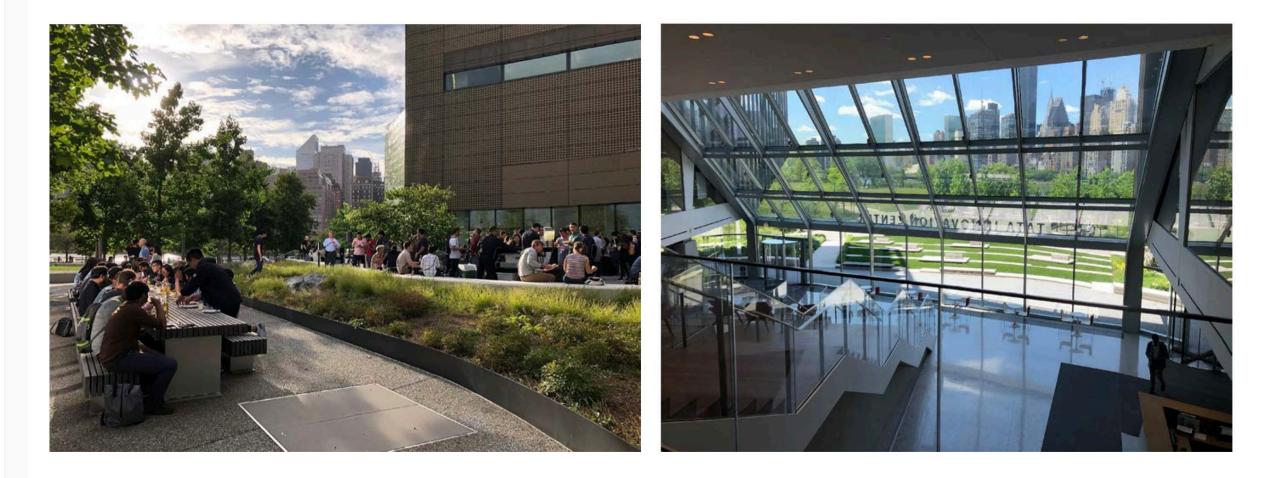
Simulating Travel Patterns, ES Lab, Prof. Timur Dogan

CORNELL AAP

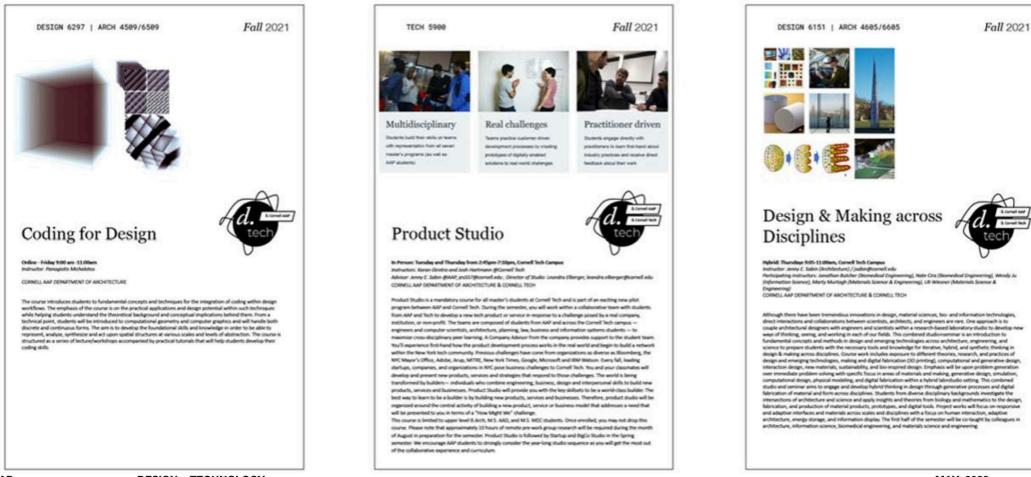
DESIGN + TECHNOLOGY



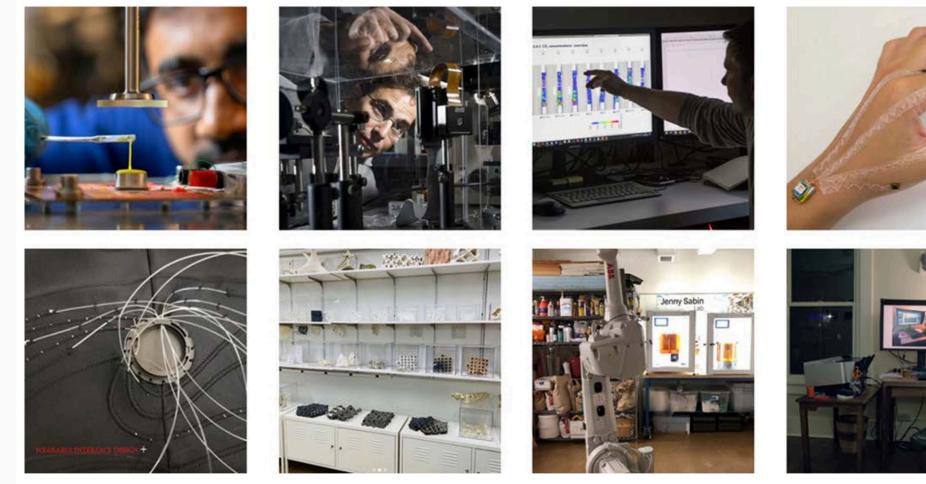
Pilot program w/ Cornell Tech



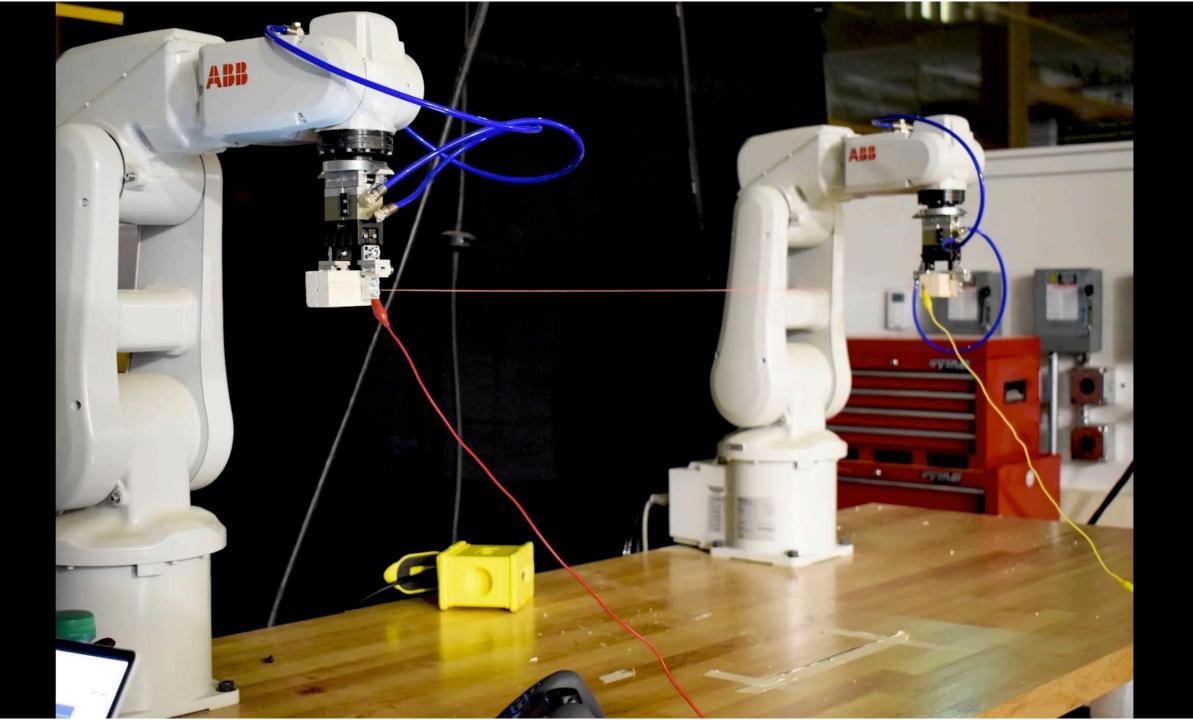
Integrating Teaching in Design+Technology across campus



Collaboration across Design units at Cornell



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Building Community through Design & Technology



Prof. Jenny Sabin teaching a workshop in Long Island City at MoMA PS1

CORNELL APP + CORNELL TECH

Workshop led by MakerLAB Director, Niti Parikh, at Cornell Tech with interested organizations around New York City

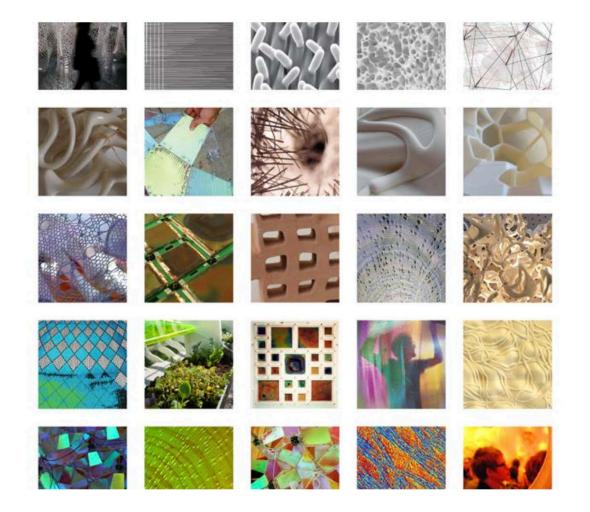
M.S. Design Technology (D+Tech)

2 Streams

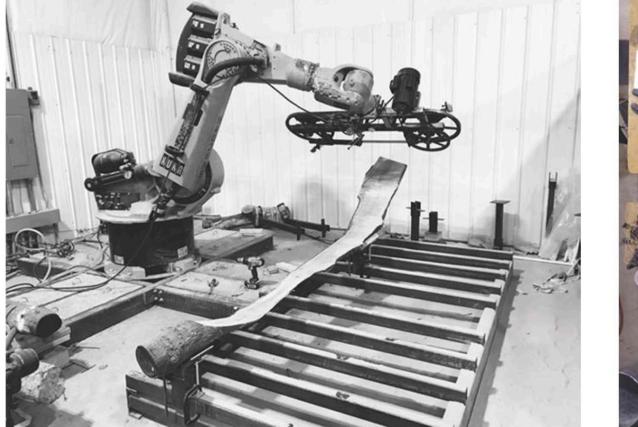
- Thesis Centered Design Research Program
- Studio / Professional track
 @Cornell Tech

The Design Technology program is a two-year degree culminating in a master of science. Students pursue 1 of 2 tracks, a thesis-centered design research program (Ithacabased) or a Studio / Professional track (Cornell-Tech based).

Thesis Subtopics: Matter Design Computation Sustainability Ethics Computation Advanced Materials **Big Data Biomimicry Environmental Phenomena** Cognition Ecology **Digital Fabrication Robotics** AR/VR Wearables Nano-Design



Design+ Materials



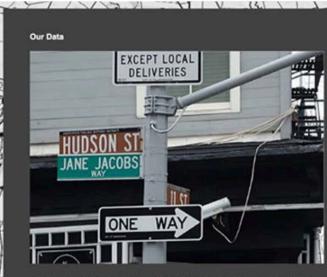


Research by Robotic Construction Lab (RCL) led by Prof. Sasa Zivkovic @Cornell AAP; robot cutting wood

3D printed concrete

Design+ Interactions

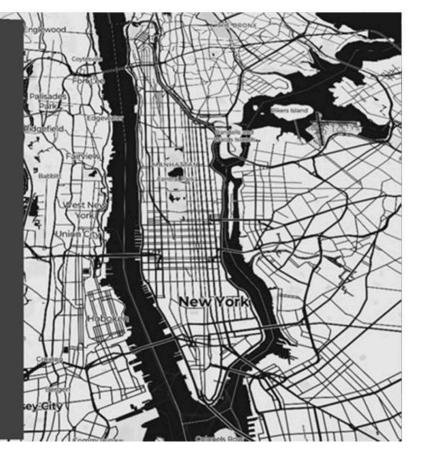




This website contains examples of some of the data we have collected and our approach to analysis.

Common modes of analysis similar to our approach have involved large anonymized datasets This website contains examples of some of the data we have collected and our approach to analysis.

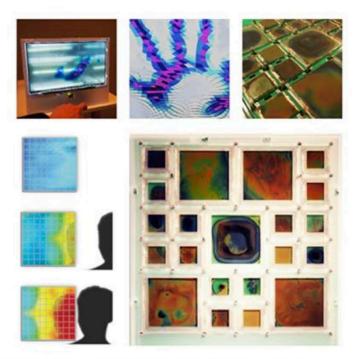
Similar methods of analysis have largely involved massive anonymized datasets of mobility data from mobile devices. Our approach enables us to study the complex ways bodies inhabit, socialize, and use public space. What Jane Jacobs termed the the ballet of the street.



Research by Wendy Ju lab @Cornell Tech

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Design+ Environments



Architectural Team: Jenny E. Sabin, Andrew Lucia, Simin Wang, Giffen Ott; Cornell University Materials Science Team: Shu Yang, Dengteng Ge, Yu Xia, Elaine Lee, Jie Li, Su Yeon Lee; University of Pennsylvania Electrical and Systems Engineering Team: Jan Van der Spiegel, Nader Engheta, Milin Zhang, Kongjie Zhu, Xiin Liu; ; University of Pennsylvania Cell Biology Team: Kaori Ihida-Stansbury; Keith Keenan, Thien Nguyen, Juliana Ames, Peter Lloyd Jones; ; University of Pennsylvania





Research by Sabin Lab @Cornell AAP; eSkin, National Science Foundation EFRI SEED 2010-2014

Adaptive building skin



Technology Development is gaining Research Prominence

The US Innovation and Competition Act

of 2021 authorizes over \$100 Billion for advanced technology research. It passed the US Senate in June with bi partisan support.

NSF Director

Panchanathan proposes a seventh research directorate, Technology Innovation and Partnerships, organized around applied technology and entrepreneurship.

We believe

that *DESIGN* is the critical element to synthesizing and applying basic research across disciplines to become technology

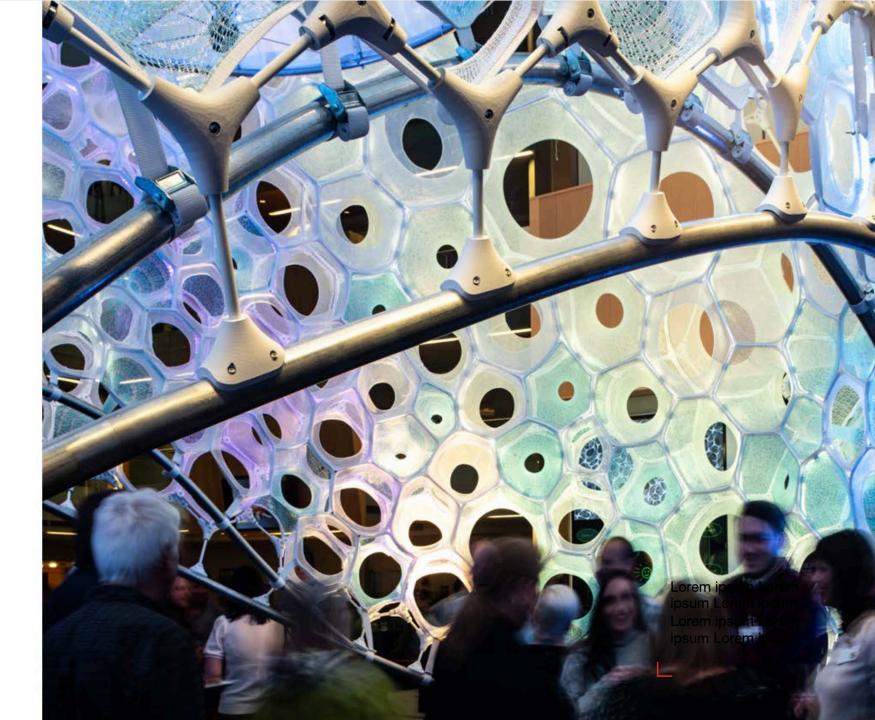
Our Peers



MIT Media Lab

CORNELL AAP

The new department will contribute to and enhance design innovation and design impact at Cornell and beyond.



Thank you

Senate Discussion

Real Estate Department in College of Architecture, Art, and Planning and SC Johnson College of Business

Professor Suzanne Charles, City and Regional Planning

A NEW SUPER DEPARTMENT OF REAL ESTATE AT CORNELL

4 May 2022 Presentation to the Faculty Senate

Faculty Planning Committee

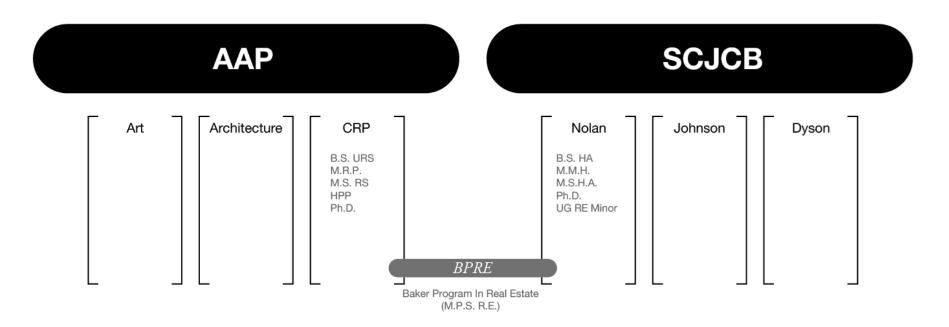
Sophie Oldfield, Professor and Chair, College of Architecture, Art, and Planning Suzanne Lanyi Charles, Associate Professor, College of Architecture, Art, and Planning Alex Susskind, Dean for Academic Affairs, SC Johnson College of Business Alexei Tchistyi, Associate Professor, SC Johnson College of Business

A NEW SUPER DEPARTMENT OF REAL ESTATE AT CORNELL

Outline

- Introduction
- History and legacy of real estate at Cornell
 - 30-year history
 - Faculty and real estate advisory boards establish foundations of real estate education and research
- Current organization and the need for a super department
 - 2012 gift from Richard Baker established the Baker Program in Real Estate (BPRE).
 - BPRE is governed by a memorandum of understanding (MOU) between The Nolan School and the College of Architecture, Art, and Planning.
 - Self-studies/external reviews were undertaken in 2009, 2012, 2021.

UNIVERSITY "One Cornell"



A NEW SUPER DEPARTMENT OF REAL ESTATE AT CORNELL

Outline

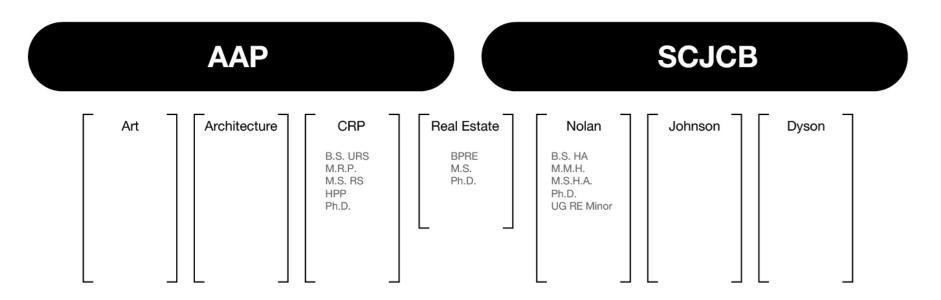
- The vision for real estate at Cornell
 - The world faces unprecedented climate, social, and economic crises.
 - Real estate professionals have a responsibility to address urgent environmental, social, and governance concerns.
 - Real estate is necessarily a multi-disciplinary endeavor.
 - Real estate practice requires engagement with the disciplines of design, planning, finance, asset management, policy, law and others.

A NEW SUPER DEPARTMENT OF REAL ESTATE AT CORNELL

Outline

- Proposed organization of super department of real estate
 - An integrative and collaborative vision that weaves together finance, development,
 - and the built environment, drawing from the intellectual diversity of the two colleges.
 - Three guiding principles:
 - Maintain competitive strength of existing programs
 - Fortify the governance structure to super-department structure
 - Amplify programs with dedicated academic leadership and faculty, and an opportunity for funding support through a named endowment in addition to the existing Baker Program endowment and tuition revenue.

UNIVERSITY "One Cornell"



Senate Discussion

Pending Resolution: Prospective Part-Time Bachelor's Degree Program for Non-Traditional Students

<u>UFC sponsored amendment:</u> Senator David Lee, University Faculty Committee; Applied Economics and Management in the SC Johnson College of Business

<u>Senator Richard Bensel</u>, Government, <u>and Senator Risa Lieberwitz</u>, Industrial and Labor Relations, <u>sponsored amendment</u>

Resolution presented in 20Apr22 Senate meeting Whereas phrases are unchanged

Resolution

Whereas the prospective creation of a part-time bachelor's degree program is consistent with Cornell's legacy of, and historical commitment to, increasing access to higher education on behalf of "any person";

Whereas there are populations of prospective students that are underserved by institutions of higher education who might benefit from increased access;

Whereas three relevant Standing Committees of the Senate, Committee on Academic Programs and Policies, Educational Policy Committee, and the Committee on Academic Freedom and the Professional Status of the Faculty, studied the proposal and identified several important implementation issues that need resolution before the program can be implemented by the university administration;

UFC-sponsored: 27Apr22 and 3May22

Be it resolved that the Faculty Senate recommends support approval, in principle, of the concept of Cornell creating a part-time bachelor's degree program;

Be it further resolved that this recommendation **approval** is conditional on **subject to** satisfying a number of as yet unresolved implementation issues. These issues include maintenance of academic excellence and quality, the financial feasibility of the program, the appropriate mix of online and inperson instruction, faculty roles and labor, and addressing specific needs of prospective underrepresented groups noted in the proposal, among other matters;

Be it further resolved that the university administration and the Provost involve Cornell faculty in all stages of program planning **and** provide regular updates to the Faculty Senate and present its explanations on the resolution of critical unresolved questions to the Senate for review;

Be it further resolved that **the Provost**, at the conclusion of the program planning process, the Provost seek solicit the approval of from the Faculty Senate and explain how the implementation questions and problems raised by Faculty Senate committees were addressed before commencement of the part-time bachelor's degree program.

Differences

Language UFC added from the Bensel and Lieberwitz proposed amendment

Senators Bensel and Lieberwitz sponsored: 2May22

Be it resolved that the Faculty Senate recommends support, in principle, of the concept of Cornell creating a part time bachelor's degree program;

Be it further resolved that any Faculty Senate vote to approve, in principle or otherwise, Cornell's creation of a part-time Bachelor's degree program will be withheld until the Cornell administration addresses and solves the implementation questions and problems raised by the Faculty Senate committees, and presents its explanations to the Senate for review. These issues include maintenance of academic excellence and quality, the financial feasibility of the program, the appropriate mix of online and inperson instruction, faculty roles and labor, and addressing specific needs of prospective underrepresented groups noted in the proposal, among other matters;

Be it further resolved that the university administration and the Provost involve Cornell faculty in all stages of program planning **and** provide regular updates to the Faculty Senate and present its explanations on the resolution of critical unresolved questions to the Senate for review;

Be it further resolved that at the conclusion of the program planning process, the Provost seek **solicit** the approval of the Faculty Senate before commencement of the part time bachelor's degree program.

Resolution presented in 20Apr22 Senate meeting

Be it resolved that the Faculty Senate approves, in principle, the concept of Cornell creating a part-time Bachelor's degree program,

Be it further resolved that this approval is subject to satisfying a number of as yet unresolved implementation questions. These include maintenance of academic excellence and quality, the financial feasibility of the program, the appropriate mix of online and in-person instruction, faculty roles and labor, and addressing specific needs of prospective underrepresented groups noted in the proposal, among other matters;

Be it further resolved that the university administration and the Provost involve Cornell Faculty in all stages of program planning and provide regular updates to the Faculty Senate on the resolution of critical unresolved questions;

Be it further resolved that at the conclusion of the program planning process, the Provost seek the approval of the Faculty Senate before commencement of the part-time Bachelor's degree program.

Pending Resolution: Increasing the Transparency and Effectiveness of Faculty Senate Proceedings

FALL SEMESTER

Resolved, the University Faculty Committee (UFC) is asked to open its meetings to all Faculty Senators in which the UFC creates its recommendation for the agenda of the Faculty Senate;

Resolved, the UFC is asked to publish its recommendation for the agenda of the Faculty Senate on the morning of the Friday before the Faculty Senate meeting;

Resolved, the agenda must be formally approved by the Faculty Senate before the meeting begins, at which time amendments changing the agenda will be in order;

Resolved, the Nominations and Elections Committee shall nominate members of ad hoc committees, the Dean of Faculty shall submit such nominations to the Faculty Senate for approval, and the Faculty Senate can add, subtract, or substitute its own nominations for the list submitted by the Dean of Faculty.

New language

Original language

SPRING SEMESTER

Resolved, the Dean of Faculty shall publish the agenda of each Faculty Senate meeting no later than the morning of the Friday before the Faculty Senate meeting;

Resolved, at least one week before the Faculty Senate meeting agenda is published, the Dean of Faculty shall post on the Senate website and send to the Faculty Senate a draft agenda, seeking comments, suggestions, and proposed amendments regarding the content and time allocations in the draft agenda.

Resolved, the Dean of Faculty and the University Faculty Committee (UFC) shall each make a report at every Faculty Senate meeting, with sufficient time for questions, to fully inform the Senate of the content of the UFC's meetings and to provide updates about measures taken to implement resolutions adopted by the Faculty Senate.

Resolved, the Nominations and Elections Committee shall nominate members <mark>and chairs</mark> of ad hoc committees and the Dean of Faculty shall submit such nominations to the Faculty Senate for its approval or rejection.

Senate Discussion

CORNELL UNIVERSITY FACULTY SENATE



Reception Following in the foyer