CornellEngineering Strategic Plan

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Joseph Silbert Dean of Engineering

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Aspiration

The College of Engineering at Cornell University will be widely recognized as a top five three engineering college in undergraduate and graduate studies

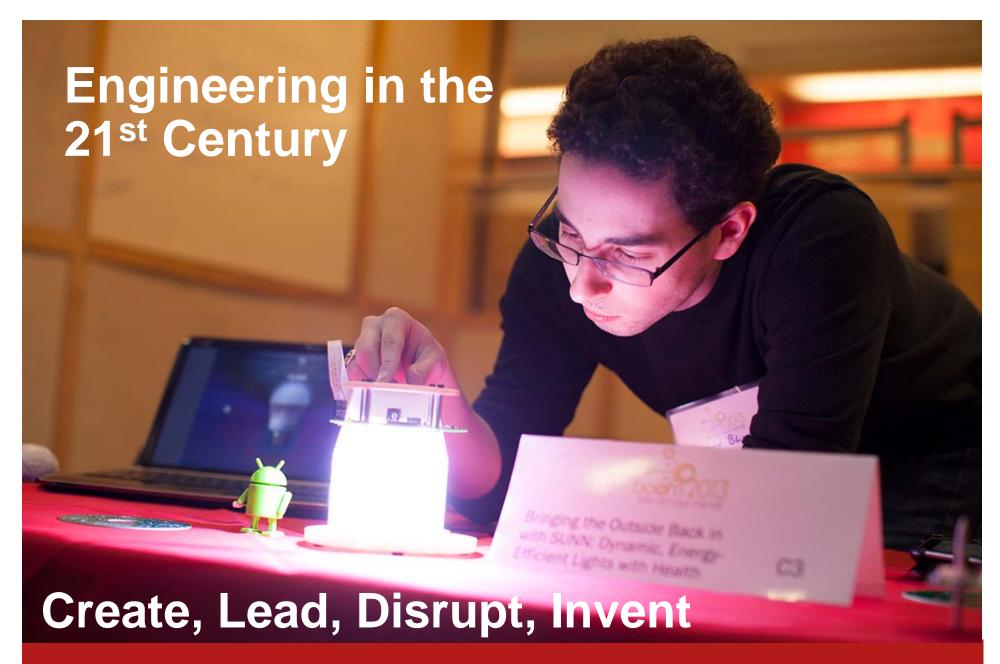
Enabling Goals:

- 1. To recruit, retain and enable a **diverse** community of exceptional faculty, students and staff
- 2. To educate undergraduate and graduate students to become **global leaders**
- 3. To be world leaders in important areas of research
 - a. to sustain and expand our leadership role in: advanced materials; complex systems, network science and computation
 - b. to be the premier research university in the emerging areas of: energy and the environment; and bioengineering
- 4. To increase our interactions with industry; and create a fertile environment for **entrepreneurial activities** for faculty and students



NEW EDUCATIONAL PARADIGM















Cornell's Experiential ProgramsLearning By Doing

Project Teams (Swanson endowment)

eLab/PopShop and eHub Expansion

Business Minor with the Dyson School

Engineering Leadership Program

Product Design and Manufacturing Institute



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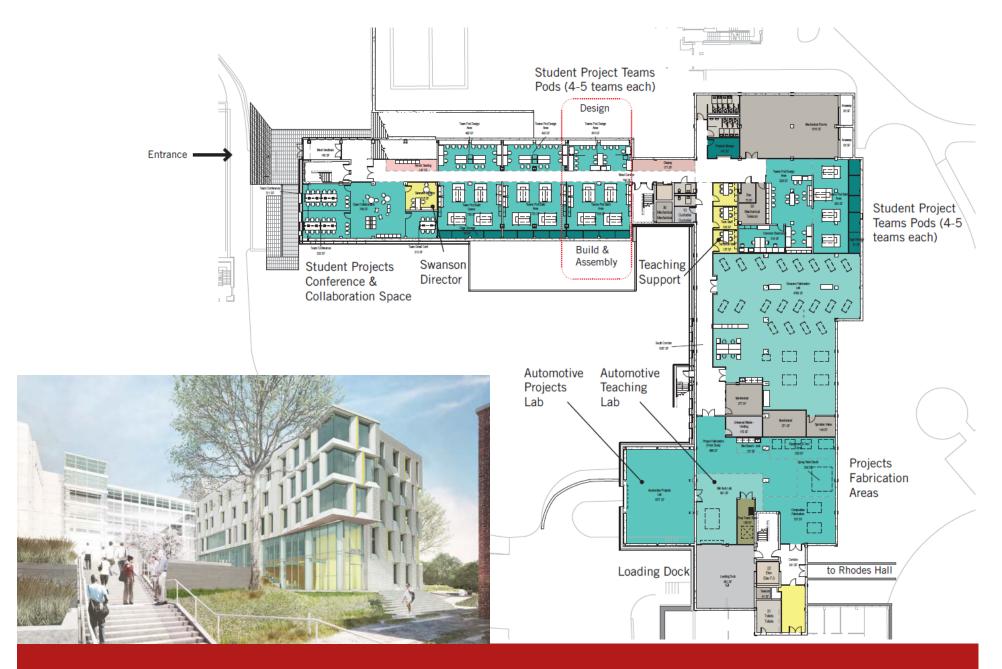
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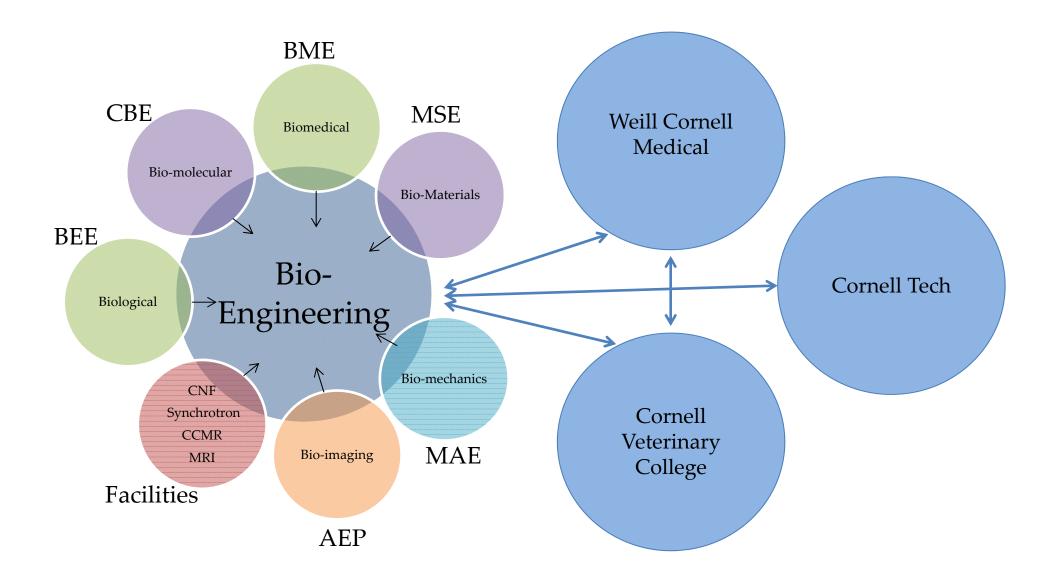






BIO ENGINEERING







ENERGY



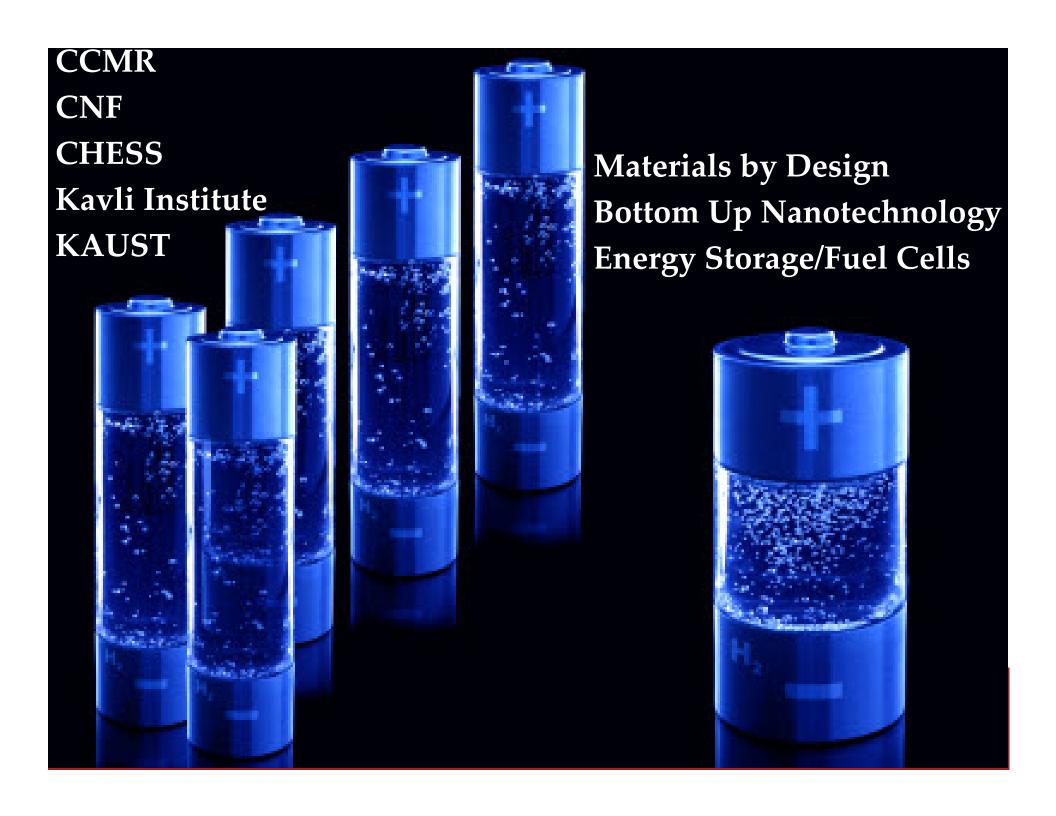






ADVANCED MATERIALS





COMPLEX SYSTEMS, NETWORK SCIENCE AND COMPUTATION







CORNELL TECH

Transforming a University and a City







PATH TO THE FUTURE







20 years to goal

Time to Begin is Now!

Every Shoulder to the Wheel... (Faculty, Students, Alumni)



DISCUSSION

