NYU in Brooklyn
The Current Landscape: NYU Programs in Brooklyn Today

New York University operates a number of academic and entrepreneurial program spaces in Downtown Brooklyn and DUMBO.
NYU Polytechnic School of Engineering (Poly)

- Ranked among the nation’s foremost engineering programs for salary potential and ROI.

- Named the #2 non-HBCU school for minorities by *Diverse Issues in Higher Education*.

Center for Urban Science and Progress (CUSP)

- A public-private research center that uses New York City as its laboratory and classroom.

- Designs optimal solutions through the study of "urban informatics."

- Helps cities worldwide become more productive, livable, equitable, and resilient.
NYU Media and Games Network (MAGNET)

- Bridges the gap between technology and culture with research and teaching in both game design and digital media design.

- Brings together faculty and students from the NYU School of Engineering; NYU Steinhardt School of Culture, Education, and Human Development; NYU Tisch School of the Arts; and NYU Courant Institute of Mathematical Sciences.
NYU Incubators

- Provide guidance, expertise, and resources to help ventures bring economic growth to New York City.

- **DUMBO**: technology startups and entrepreneurs.

- **Urban Future Lab/NYC ACRE**: renewable energy; environmental tech; climate change adaptation and mitigation.
Downtown Brooklyn
370 Jay Street
Putting the Building Back to Work for the Borough

Centralizing our science, technology, education, and start-up services will expand opportunities for engineers, innovators, and entrepreneurs.
What’s going into 370 Jay?

14 stories, with 7 story dog leg
- Three floors for CUSP (~150k GSF)
- Classrooms and other academic spaces
- Consolidated incubator space (~40k GSF)
- Ground Floor retail space (~27k)
- Citizen Science Center

Total Area = 530,000 GSF
- 450k GSF above-grade
- 60k GSF below-grade (NYU)
- 20k GSF below-grade (MTA)

Expected Construction Start: Winter 2015
Before and After
Facade Heat Study

Shading will vary across the facade in response to available solar radiation.

- Optimized exterior shading
- High-performance glazing
- High-performance envelope
DAYLIGHTING STRATEGIES
- Optimized Daylight Design
- Optimized Exterior Shading

ENVELOPE STRATEGIES
- High Performance Envelope
- High Performance Glazing
- High Performance Roof

INTERIOR STRATEGIES
- Green Furniture
- Sustainable Material Selection
- Energy Star Equipment

ENERGY EFFICIENCY STRATEGIES
- Dedicated Outdoor Air System with Heat Recovery
- Fan Powered Induction Unit
- Advanced Metering and Control System
- Energy Efficient Lighting Design

ROOF STRATEGIES
- Reflective Surfaces to Reduce Heat Island Effect
- Green Roof

WATER STRATEGIES
- Water Saving Fixtures
- Thermal Ice Storage
- High Efficiency Boilers & Chillers

SITE STRATEGIES
- Community Connection
- Public Plaza with Vegetation
- High Performance Entrance Lighting Scheme
- Transportation Connection
Site Plan After Construction

Permanent MTA Exclusive Easement Area
Permanent MTA Non-Exclusive Easement Area
Conference Room/ Project Room/ Pantry/ Classroom
Open Workstation
Retail
Circulation/Lounge/Lobby
Support