Interdisciplinary research
- Thematically driven
- Community spaces, neighborhoods & main street

Organizing Principles
- High performance space – new addition
- Creating an eco-system that supports cross fertilization communication & collaborations
- Departmental office suites
- Key Circulation opportunities

Campus Planning & Architectural Expression
- Campus connection & Plan Big
- Inside-out architectural expression

Budget & Schedule

Next Steps...
Organizing Principles
specialized v. adaptable platforms
LAB TYPOLOGIES

- Computational
- Engineering
- Optics/ Laser Labs
- Electronics
- External Partner/ Incubator
- Biological
- Light Chemistry
- Analytical
- Heavy Chemistry
<table>
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<th>AREAS TO CONCENTRATE</th>
<th><img src="image1" alt="Image" /></th>
<th><img src="image2" alt="Image" /></th>
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</tbody>
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optimize adjacencies inside and outside the Lab

technology rich studios

celebrate engineering sciences

Dynamic spaces for teaching and extracurricular

optimize adjacencies inside and outside the Lab
Create an Identity

Create Connectivity
Vertically

Create Connectivity
Horizontally

Create clear circulation and discovery path

Create Spaces for Science on Display

Create areas for focus

Create areas for Collaboration

Building as Learning Lab
Organizing Principles: Massing
Organizing Principles: Massing
Organizing Principles: Massing

- Classroom
- Labs
- Offices
- Collaboration
- Shell
- Core
- Fabrication
- Circulation
placemaking
community building and brand
Organizing Principles: Connectivity
Organizing Principles: Connectivity

SECOND FLOOR
Organizing Principles: Connectivity

SECOND FLOOR
Organizing Principles: Connectivity

SECOND FLOOR BRIDGE
Office & Workstation Spaces
Department Suites: 120 sf Offices

- Active Team-Based Learning
- Student Spaces
Department Suites additional space
GA workstations

• Option 1

• Option 2

• Option 1 with adjacent collaboration space
Campus Architecture
planning + programming for success
Site Connections
Campus Integration
Campus Context

- RED BRICK
- LIME STONE ACCENTS
- METAL/ZINC PANEL
- BRANDED ACCENTS
Outdoor Adventures Center
Materials
Exterior Expression
function

connectivity

Materiality
CONNECTIVITY

→ PHYSICAL AND VISUAL
Proposed Project Materials - Brick Masses

- Brick complimentary to Scott – Same Color Family
- Brick forms Masses other materials are set into
Proposed Project Materials - Limestone Accents

- Limestone to Match Campus precedents
- Used as Accent Material to Highlight Larger Features
- May Be Open jointed Rainscreen or Filled Masonry
Proposed Project Materials - Curtainwall Glass

- Glass System in Large Areas Showcases Engineering
- Creates Visibility Inside and Out
- Defines Project Identity in Key Areas
Proposed Project Materials - Metal Panels

- Used as Accent Material around Glass Elements
- Potential Penthouse material
- Creates Visual Contrast from masonry elements
Bungalow
Flooring Water
Guard Chevron
3'x5' Doormat