The Idea Forge

Daria Kotys-Schwartz
Eric Fauble
Remember your undergraduate years....
Our students....
Idea Forge: What IF?

Committed to an Expansive Vision of Engineering Open to the Entire University Community

- Transdisciplinary opportunities
- Inventiveness – imagination – design – fabrication
- Flow and interconnectedness
- Formal and informal learning
- Hands-on student culture
Spontaneous Collaboration…
Key Design Features

- Collaborative
- Open
- Multi-purpose
Key Design Features

- Inspiring
- Transfigurable
- Productivity
Key Design Features

Flow

Flexible

Visibility
Where have we been?

- Creation of the program statement and functional priorities
- Selection of the architect
- Conceptual design phase (see floorplans)
- Student design charette and interviews
- Preliminary cost analysis and mechanical and structural reviews
Where we are going…

- **Design Phase** – *October 2013 to December 2013*
- **Pre-construction phase** – *December 2013 to February 2014*
  - Advertising for bids
  - Construction contracts
- **Construction phase** – *February 2014 to August 2014*
- **Move In** – *August 2014*

Professional Grade Prototypes
Questions?

Hands-on Learning

Inventiveness
What if a space existed that....

- Encouraged *transdisciplinary design* and build activities
- *Integrated* structured courses, unstructured student-driven projects and industry sponsored projects
- Provided *resources* for on-site prototyping—proof of concept to professional grade prototypes
- Nurtured student concepts to *realize commercialization*
- Conducted unique workshops, guest lectures and community events focused on providing *practical skills for industry*
- Showcased the design and *innovation capacity* of CU Boulder