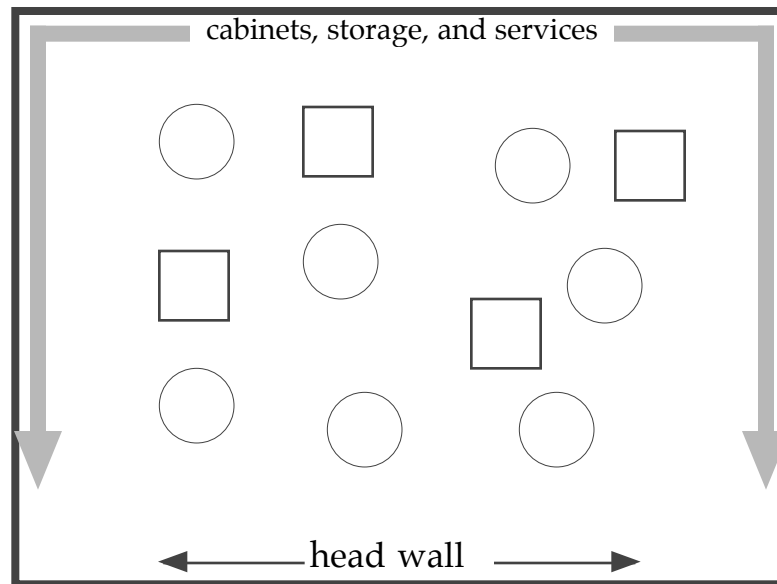


INTEGRATIVE SCIENCE COMPLEX - Phase 2 Instruction user group

May 5, 1:00 - 2:30 p.m., 240D Willamette: elaboration of concepts

Concepts

- Flexible learning spaces
 - movable tables and chairs, groups of four to eight
 - see U. Mich. Science Learning Center: <http://www.lsa.umich.edu/slc/>

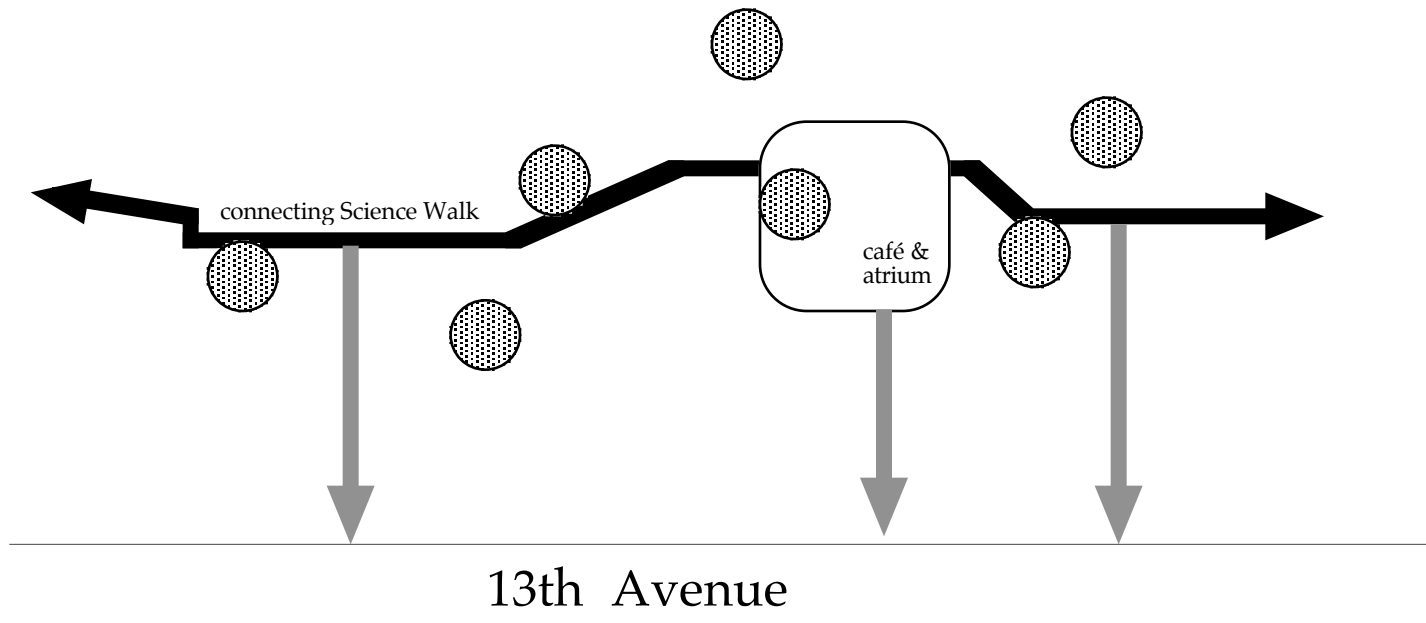


- Small intimate contexts for learning
In addition or instead of large lectures, ensure that students have the opportunity to learn in a setting of about 40 students.
- Support team-based inquiry
Provide support for groups of __ to __ students working independently in public spaces (Willamette atrium model) and in small study rooms such as in Peterson Hall.
- Integration with research:
Create opportunities to integrate undergraduate learning with research, especially for upper-division courses. Create curriculum on a research model, and provide appropriate space (see Upper-division Sandboxes, below)
- Upper division "sandbox":
Provide project space for groups working in self-directed inquiry
 - small group meeting space
 - small group lab space
- Need good "dry" classrooms, similar to above, modeled on new Peterson Hall classrooms.

Location, adjacency, and relationship opportunities

- Organizational Diagram
Linked path of instruction from Columbia to Deschutes/ISC2, with Willamette Atrium and Klamath at the center of gravity

- Connection to 13th Av. and campus at key points: Atrium, Lokey Labs quad, etc.
- Willamette Atrium: hearth, café, center of gravity
 - improve connections to Klamath
 - reassign adjacent space for teaching



- Possible **multi-use** labs
If flexible teaching labs are designed, some can be assigned to different disciplines at different times, increasing efficiency (classroom utilization). Sharing from term to term should be easy. Sharing during the week is more challenging and requires more support space and possibly more staff.
- Possible **synergies**
Shared prep spaces could take advantage of current duplication of equipment, etc. if co-location or proximity provided and multi-use labs.
- **Quality space** for human activity: daylight, view in/view out.
- Reinvent lecture format: multipurpose lecture halls of three distinct sizes, support for demonstrations.
[elaborate]
- Middle size space (125 seats) available for events
- Cafe!

Current obstacles to learning in the sciences

- Current labs: too crowded, too inflexible, need sections at night
- Don't create "undergraduate ghetto": integrate with researchers

- Lack of available space for visitors, events, and courses suggests a 125 seat classroom:
scheduling challenges
location: central is good [pass time issue]