

Laboratory Space in the Calit2 Building

Laboratory space assignments are available to all interested parties on campus. A schematic and brief description of available labs are attached. In addition, the following principles apply:

- Priority for space allocation will be given to projects that represent collaborations that cannot occur within a single PI's laboratory and that reflect Calit2's multidisciplinary approach to research.
- Lab space in the Calit2 building is designed to take advantage of Calit2's unique features, including:
 - immediate proximity to researchers from wide-ranging fields
 - specialized research equipment supporting IT, BioMEMS, Wireless/RF
 - a mission of connecting new technologies to the physical world

INSTRUCTIONS: Please follow the instructions below to apply for use of space in the Calit2 laboratories. Use extra space and attach additional materials as needed. Applications, when complete, are to be sent to the appropriate faculty lab manager:

BioMEMS, Bill Tang, email wctang@uci.edu; 824-9892; ZOT 2715

Materials Characterization & Clean Rooms , Albert Yee, email: afyee@uci.edu;
824-9073; ZOT 2800

Nanotechnology Lab, Phil Collins, email: collinsp@uci.edu; 824-9961; ZOT 4575

Networking Lab, Lichun Bao, email: lbao@uci.edu; 824-8870; ZOT 2800

New Media Arts Lab, Lisa Naugle, email: lnaugle@uci.edu; 824-3209; ZOT 2775

Radio/Optical/Wireless Lab, R. "Jay" Jayakrishnan, email: rjayakri@uci.edu;
824-2172; ZOT 3600

Visualization Lab, Falko Kuester, email: fkuester@uci.edu; 824-9320; ZOT 2625

Please also send a copy to Lorrie Minkel, Asst. Director – Operations, Calit2, Zot 2800, email: lgminkel@uci.edu. Your questions regarding space use should be directed to the appropriate faculty lab manager.

Note: Applications for associated office space should be directed to Lorrie Minkel.

Applications submitted by August 30, 2005, will be given priority.

Application for Laboratory Space in Calit2

Name and contact information:

Research project name and focus:

Names and affiliation of those you expect to be working on this project in the building:

What are your planned activities for the space?

What is the relevance of your research to Calit2?

How will being in the Calit2 building benefit both your project and Calit2? Please be specific.

Are there certain attributes of this building/lab that are not available in other locations that make it desirable for you to be located here? If so, what are they?

What are your specific needs (gross space needs, access to certain equipment or services, etc.) related to this request? Do you need bench space, desk space, access to lockable storage, etc.? Please be as specific as possible.

What equipment will you need shared access to? What equipment do you plan to bring to the space? If the equipment requires unusual electrical, plumbing, or HVAC, please specify (attach specs if available).

Would you be using more than one lab space (e.g., networking and visualization, clean room and nanotechnology)?

Are you aware of other groups being considered for occupancy in one of the labs that, should your groups have an opportunity to interact, you expect may result in some synergistic outcome? Please describe.

For what period of time would you like to use the assigned space?

What funding support do you have for the project for which you are requesting space?

Are there off-campus collaborators who would be using the lab frequently? Please specify.

Please provide any other details that you feel would be relevant in helping us make a decision on this space request.

Calit2 Laboratory Descriptions

All laboratories have access to 10/100/1000 mb/sec networking through the regular “UCI Net” or the building’s separate “User Net.” All labs have once-through HVAC (H8)

BioMems Lab:

- To be housed in 4 bays of the cleanroom (see Cleanroom for additional info)

Clean Room (separate application for use):

- 8 “bays” approximately 420 assignable square feet each
- Certified Class 1000
- Adjacent mechanical rooms – (See attached doc for details)
- Separate acid cabinet and chemical storage areas
- Fume hoods
- N2, DI water, Lab air and Lab vac. – (See attached doc for details)
- Isoduct power/data access
- Adjacency to INRF

Nanotechnology Lab:

- 1340 assignable square feet
- Separate pump room
- Partially open ceiling
- N2 Available
- Bench space
- Access to sink within the room
- Isoduct power/data access

Networking Lab:

- 2320 assignable square feet
- Isoduct power/data access at most walls
- Ceiling mounted data access

New Media Arts Lab:

- 2990 assignable square feet
- Total “blackout” capability
- Separate project room for construction and assembly
- Compressed air outlets through lab and project room
- Open ceiling (11’8” to strut)
- Ceiling mounted data and twist-lock power

Radio/Optical/Civil Lab:

- 4060 assignable square feet
- Isoduct power/data access at most walls
- Open ceiling

Materials Characterization:

- 3990 assignable square feet in 3 lab spaces

Room 1301

- Wet benches
- N2 and Lab vac.
- 250v-3ph-30a power
- Separate pump room with 250v-1 phase – 20 amp power (1301)

Room 1302

- Wet benches
 - 1 Fume hood
 - Secure tank locations
 - N2, DI water and Lab vac.
- 250v-3ph-30a power and 250v-1ph-30a power
- Separate equipment room

Room 1309

- Wet benches
- Acid cabinets
- 2 Fume hoods
- Secure tank locations
- N2 and Lab vac.
- 208v power and 250v-1ph-20a power
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Visualization Lab:

- 2320 assignable square feet
- Total “blackout” capability
- Open ceiling (11’8” to strut)
- Power and data throughout