

May 24, 2017

[Update as of June 8, 2017]

Cindy Larive, PhD
Interim Provost
University of California, Riverside

Re: Request for Expressions of Interest for Space Assignments
in Multidisciplinary Research Building 1 (MRB1)

Dear Colleagues:

As you may know, UC Riverside's new Multidisciplinary Research Building 1 (MRB1) is well underway. It will be located near North Campus Drive and Aberdeen Drive (across from the Materials Science and Engineering building), and is scheduled for completion and occupancy by September 2018.

MRB1 will consist of a five-story building with 125,000 square feet of laboratories and other support spaces for multidisciplinary research. The building – which expands UCR's research capabilities and encourages cross-disciplinary cooperation – will support roughly 60 faculty investigators and their teams working at the intersection of life and physical sciences, medicine, engineering, and computation. MRB1 will be flexible and adaptable, and will accommodate emerging research demands over the next several decades.

It is my pleasure as Interim Provost and EVC to lead the effort to identify the inaugural occupants for this cutting-edge facility. This project is a first in many ways for UCR, and our process for making initial space assignments also will be somewhat unique. Because multidisciplinary and collaborative research is at the core of UCR's objectives for MRB1, I have been working with a multidisciplinary space assignment task force (Task Force) consisting of myself, Deans, faculty and relevant senior capital and financial staff.

We are inviting faculty members to submit expressions of interest for research themes and teams for consideration to receive space assignments in MRB1 when it opens next year.

Appended is the Request for Expressions of Interest with additional information about MRB1 and the details we are asking teams to provide to be considered for space assignments in MRB1. We also have provided the informational presentation and illustrative floor plans from the MRB1 Town Hall Meetings that were held on May 18th and 19th (see Appendix A and Appendix B to the RFEI). ***We invite any questions (preferably on or before June 16, 2017, at 3:00 pm) to be sent to Lorena Quintana at lorena.quintana@ucr.edu. We ask that all Expression of Interest Letters be submitted by June 30, 2017, at 3:00 pm to the following website: http://ucrivside.az1.qualtrics.com/jfe/form/SV_3OBOCsZSsCgr4FL.***

The Letters will be reviewed by Task Force members and technical advisors, as needed, over the summer. Additional information will be requested, as and when needed, from the key contacts provided in the Expression of Interest Letter.

May 24, 2017 **[Update as of June 8, 2017]**

MRB1 RFEI Announcement

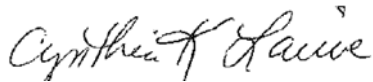
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Our objective is to have a preliminary set of research themes and teams identified and ready to confirm with the respective team leads and Deans in September. This timing will enable us to undertake the necessary lab fit-out planning during fall 2017 to winter 2018. This advance planning will enable our Architects and Engineers Department to coordinate work on lab fit-out and equipment installations most cost-effectively and with the least chance of interference with the completion of MRB1 construction as scheduled. It also will facilitate our broader campus planning for effective space utilization in buildings impacted by MRB1 moves.

I am excited to initiate this critical milestone in the development of this cutting-edge facility, which will provide much-needed research space to advance the UC Riverside Strategic Plan, support our growing faculty, and elevate the campus research profile.

I hope you share my excitement about the facility and its future impact on the campus. I look forward to reviewing your responses this summer.

Sincerely,

A handwritten signature in cursive script that reads "Cynthia K. Larive".

Cindy Larive, Ph.D.
Interim Provost and EVC

- RFEI, Attachments and Appendices

**Request for Expressions of Interest
for
Space Assignments at the
Multidisciplinary Research Building 1 (MRB1)**



Anticipated opening Fall 2018

Issued:

Wednesday, May 24, 2017. **Updated June 8, 2017**

Questions Due:

Friday, June 16, 2017 (3:00 pm)

Expression of Interest Letters Due:

Friday, June 30, 2017 (3:00 pm)

For More Information:

Contact the Provost's Office at:

lorena.quintana@ucr.edu or <http://provost.ucr.edu/projects.html>

1. RFEI Process and Schedule

The process and schedule for this Request for Expressions of Interest (RFEI) are summarized below:

Process	Schedule *
Informational Meetings (attendance optional)	May 18 - 19
Release of RFEI via email and posting to http://provost.ucr.edu/projects.html	May 24
RSVP for optional Collaborative Research Networking Sessions provostadmin@ucr.edu	May 30
Collaborative Research Networking Sessions (optional)	June 1 – 2 9:00 – 10:30 am
Written Questions due to <u>Lorena Quintana at lorena.quintana@ucr.edu</u>	May 24 – June 16 (3:00 pm)
Update to RFEI and Appendices	June 8, 2017
Distribution of Frequently Asked Questions / Update to RFEI (as needed): http://provost.ucr.edu/projects.html	June 20
Deadline for submitting Expression of Interest Letters to http://ucriverside.az1.qualtrics.com/jfe/form/SV_3OBOCsZSsCgr4FL	June 30 (3:00 pm)
Space Assignment Notifications	Sept - Oct

** Preliminary and subject to change*

2. Guiding Principles for Space Assignments

2.1 MRB1 will be organized by multidisciplinary and collaborative research themes

- Selection of research themes for MRB1 is being done through a faculty-driven process
- A percentage of the building will be left open for future space assignments

2.2 MRB1 assignments will align with known core facilities, and additional core facilities will align to needs of researchers assigned to MRB1

- 2.3 A periodic space review will be conducted to optimize utilization of space in the building
- 2.4 MRB1 will be an opportunity to address existing space capacity challenges
- 2.5 The MRB1 space assignment process will be transparent and objective

3. Criteria

The assignment of space within MRB1 will include considerations such as the following:

- 3.1 Researchers working at the intersection of two or more of life and physical sciences, medicine, engineering and computation
- 3.2 Current and anticipated synergies
- 3.3 Potential impact of the scholarship
- 3.4 Compatibility of uses within the building and related implications for current and future space capacity overall

In addition, as relevant, existing campus space assignment guidelines also may apply. See http://cpp.ucr.edu/space_app.html for additional information.

4. Resources for Additional Information

- 4.1 Collaborative Research Networking Sessions will be held as follows:
 - **Thursday, June 1, 9:00 – 10:30 am at Bourns Hall, A265**
 - **Friday, June 2, 9:00 – 10:30 am at Genomics Auditorium**

These optional meetings also will serve as general Question and Answer sessions regarding MRB1 and the RFEI, as needed.

We will provide interested prospective research teams with a brief opportunity to present their concept and identify additional team needs and/or initiate discussions regarding potential additional collaboration opportunities. Time also will be provided for those in attendance to meet after the brief presentations. **To reserve a presentation slot, please send an email to:**

provostadmin@ucr.edu and indicate which date(s) you would like to present. Times will be allotted on a first-come, first-served basis, and may be as short as three minutes or as long as eight minutes, depending on the number who request to present each day.

If additional collaborative networking sessions are desired, the Office of the Provost will work with the Deans to identify space for additional meetings for those who request such assistance.

- 4.2 Questions regarding the RFEI may be directed to **Lorena Quintana**, **whose email is: lorena.quintana@ucr.edu**. Please send questions by **3:00 pm on June 16, 2017**, if possible (to facilitate responses prior to the submission date of June 30, 2017).
- 4.3 Available background information regarding the MRB1, including a live video camera stream of the construction site, may be found at: <http://ae.ucr.edu/projects/mrb1/construction.html>.

5. Requirements for Expression of Interest Letters

Provide the information listed below in your Letter and attachments, as needed. **Letters must include completed Attachment 1 and Attachment 2. Please clearly label any additional attachments and cross-reference them in your Letter. The Letter and these two attachments must be combined in a single PDF file to be uploaded. See section 6, below, for additional Instructions.**

5.1 Description of Proposed Research Theme

Describe the research theme(s) proposed, participating disciplines, and collaboration, including, but not limited to:

- What is the general concept, including research aims, and goals?
- Why is this concept important, including intellectual merit?
- How does the theme align with UCR's research strategic plan?

5.2 Disciplines Involved

- Which disciplines are working collectively on that concept?
- How many researchers from each discipline?
- What is the nature and extent of multidisciplinary collaboration?

5.3 Team Size and Organizational Structure

- **Team Name for Submittal Tracking (please provide a short team name that will be used in file names, as instructed in section 6, below, and for other tracking purposes).**
- Key Contact(s) for the Expression of Interest Letter
 - Name, Title, Department
 - Role on Team
 - UCR Email and Office Phone
 - Alternative email and phone for July to September

- List of Researchers and Support Team
 - Principal Investigators by name (if available). Specify whether the PIs are:
 - Current UCR faculty researchers
 - Future UCR faculty researchers
- Funding portfolio for each PI
- CV or Biosketch for each PI
- Quantity and classification of lab members at MRB1 for each PI and the team as a whole. Complete Attachment 1 – Lab Staffing Table.

5.4 Existing and Proposed Research (current plus 5 years projected). Include the following:

- Descriptions
- Timing
- Funding
- Highlights of results to-date, as applicable

5.5 Other Responses

List all other Expression of Interest Letters submitted in response to this RFEI in which participating Researchers and Support Team members are included. Describe the relationship of this Response to any such Other Responses.

5.6 Labs and Infrastructure

- Describe the lab space requested for each PI in MRB1, by providing the information requested in the referenced attachment. This must include how many of each lab type that each PI and the research team as a whole will require. Complete Attachment 2 – Lab Space Needs Table. Descriptions of each lab type are as follows, with additional information available in Appendix A and Appendix B:
 - Each Wet 1 and Wet 2 1 lab bay consists of two lengths of laboratory benches, each approximately 18 feet long, so on average, each bay has 36 linear feet. Each lab bay is coupled with adjacent write-up space outside the glass lab enclosure.
 - The Flex 1 and Flex 2 labs can accommodate a similar length of bench, and both areas also are designed to accommodate overhead rigging for special equipment, or other types of work, so there may be no bench. All of the laboratory bays are approximately the same area. Each lab bay is coupled with adjacent write-up space outside the glass lab enclosure.
 - Dry/Computational labs are located on the east side (atrium side) of the facility, and are configured as open areas with work stations for computing.
- Are there any extraordinary space or infrastructure requirements as part of this research theme and team proposal? If so, please describe in as much detail as is practical at this time. Please note that extraordinary infrastructure requirements may suggest that a proposal may not be the most appropriate for an MRB1 space assignment.

- It is the standard expectation that those receiving space in MRB1 would be relocating from existing facilities, with some exceptions. What space, if any, would any participating PI propose to retain in any existing facilities, and why? Include the following:
 - PI Name
 - Proposed retained space (e.g., location, size, functions)
 - Reasons for proposed retention (e.g., independent research, access to unique equipment or facilities, etc.)

5.7 Equipment and Support Spaces

Answer the following questions with the totals needed by the complete team. Indicate the amounts that are known and the amounts that are estimated for possible team members not yet identified/hired.

- Fume hoods
 - Number and size (linear feet) of fume hoods needed by the team:
 - Known
 - Estimated
 - Please indicate any specialized utilities or chemical resistance required in a fume hood.
- Equipment “garage” (e.g., support space for freezers, centrifuges and similar large equipment)
 - Types of equipment to be placed in the room(s).
 - Is there a need to have different pieces of equipment in separate rooms?
 - Approximate square footage needed:
 - Known
 - Estimated

- Cold rooms
 - Square footage needed:
 - Known
 - Estimated
 - Will large pieces of equipment be used/stored in a cold room?
 - Will the team be able to share a cold room with another team, or is a dedicated room required?

- Tissue culture rooms
 - Number of Biosafety Cabinets (BSCs) to be used (ensure all team members determine if they require a dedicated BSC or can share with the team):
 - Known
 - Estimated
 - Indicate the sizes of BSC to be used.
 - One room may be set-up with more than one BSC – please indicate if any BSCs require dedicated rooms.

- Microscopy rooms
 - Number and size of room(s) needed for microscopes:
 - Known
 - Estimated
 - Please indicate any specialized power, cooling or other building utilities required for particular microscopes.

- Vibration isolation tables / rigs (e.g., electrophysiology, Ca⁺⁺ imaging, optogenetics, open laser projects)
 - Number and square footage needed for tables/rigs:
 - Known
 - Estimated
 - Please indicate if tables/rigs will be placed in support space (smaller rooms – if so how many rooms are needed) or will they be placed in the open/shared lab (“ballroom”).

- Other support space uses
- Please indicate other requirements for support spaces, including the square footage and any room separation requirements:
 - Known
 - Estimated

6. Instructions

6.1 Submittal Location / Instructions

- **Complete the submittal survey and upload each Expression of Interest Letter and related attachments to http://ucriverside.az1.qualtrics.com/jfe/form/SV_3OBOCsZSsCgr4FL.**
- **The Expression of Interest Letter and Attachments 1 and 2 must be uploaded in a combined PDF. Please title your document: "Team Name_EoI" (see Team Name instructions in Section 5.3, above).**
- **Any additional documents may be included in this PDF file or may be uploaded separately in response to the subsequent questions in the submittal survey. Each PDF file may not exceed 16 MB. Zip files are encouraged. Use the following naming convention for these documents: "Team Name_1" and "Team Name_2," as applicable.**
- **Additional documents exceeding these parameters may be submitted by contacting Lorena Quintana at lorena.quintana@ucr.edu in advance of the deadline.**

6.2 Deadlines

- **Questions due by 3:00 pm on Friday, June 16, 2017**
- **Expression of Interest Letters due by 3:00 pm on Friday, June 30, 2017**

7. Attachments to RFEI (to be completed and returned with the Response)

- 1. Lab Staffing Table**
- 2. Lab Space Needs Table**

8. Appendices to RFEI (for ease of reference only)

- A. MRB1 Town Hall Meetings – Informational Presentation
(updated June 8, 2017)**
- B. MRB1 Illustrative Floor Plans (updated June 8, 2017)**

Attachment 1 – Lab Staffing Table

Principal Investigators	Post-Docs	Doctoral	Undergrads	Admin	Other
Subtotal – this page					
Total (last page only)					

(use additional pages, as needed, and add total of all pages)

Attachment 2 – Lab Space Needs Table

Principal Investigators	Wet 1	Wet 2	Flex 1	Flex 2	Dry/Comp
Subtotal – this page					
Total (last page only)					

(use additional pages, as needed, and add total of all pages)