

# RESEARCH NEWS & UPDATES

B/a+p



## November 2022 Announcements

1. Have you updated your Conflict of Interest (COI) form in CLICK for this past year? The deadline for submission was November 1! Your research proposal cannot be approved by the school if a current COI is not on file. If you need assistance, please contact Barb Carlson.
2. Dr. Chitra Rajan, associate vice president for research advancement, will attend the school-wide meeting on Thursday, November 10. She will give a presentation about the services that are offered by the Office of Research Advancement (ORA). She will also be available after the meeting in Hayes 403 to answer questions and talk with you about how ORA can help advance research in the school.
3. CONCUR Training: For those of you who travel and need to be reimbursed using the CONCUR system, you may be interested in a training session coming up on December 6, 2-3 pm. The session will show how to use the travel and reimbursement system, prepare and submit pre-travel request forms, book business travel, and compile and submit travel expense reports. If your airfare will be charged to a research account, Barb Carlson can book the flight and have it charged directly to the sponsored RF account! Click here to [register for the virtual training session](#).
4. The Spring 2023 research event schedule is available. It features Informal Research Conversations, training sessions, visits by the UB Office of Research Advancement, and writing workshops!
5. There has been another change in the Sponsored Programs Services office regarding our award analyst. We will now be working with Sunny Zeng who can be reached by phone at 645-4400 or by email at [Sunny.Zeng@buffalo.edu](mailto:Sunny.Zeng@buffalo.edu).
6. The next deadline for the NIH Resubmission and NSF Revised Submission Support Awards under the [SUNY Research Seed Grant Program](#) is Friday, December 30, 2022. A [FAQ document](#) shares common questions asked during the first funding round. The goals of the SUNY Research Seed Grant Program are to catalyze and support SUNY faculty in the pursuit of external grants. This RFP specifically supports SUNY faculty's efforts to resubmit or prepare revised proposals to NIH or NSF that previously scored favorably but were unfunded. Here are the links to the [RFP](#), and the [proposal](#) and [budget](#) templates. Questions and proposals must be submitted via email to [rsg@suny.edu](mailto:rsg@suny.edu) with the reference "RFP 23-01-RSG" in the subject line.

## Featured Publications

**Guitart, Miguel.** *Behind Architectural Filters: Phenomena of Interference*. Routledge, March 2022. ISBN: 9781032077499. *Behind Architectural Filters* explores the active role of architectural filters in generating physically and sensory charged spatial experiences. The book addresses how the material and the psychological strategies of permeable physical boundaries determine our perceptual experiences of the spaces we occupy. Chapter 3, The Filter as a Transitional Space, is available Open Access at <https://doi.org/10.4324/9781003208624>.

**Silverman, R.M.** and Patterson, K.L. *Qualitative Research Methods for Community Development, 2<sup>nd</sup> Edition*. New York: Routledge. 2022. Focusing on the basic elements of qualitative research, such as field observation, interviewing, focus groups, and content analysis, this second edition of this book provides an overview of core methods and theoretical underpinnings of successful research. It also includes two new chapters on qualitative data analysis software and techniques for conducting online qualitative interviews and focus groups. [DOI: 10.4324/9781003172925](https://doi.org/10.4324/9781003172925)

## **Featured Project: Advancing “net-zero-water” buildings**

Bringing together UB chemists, engineers and architects with collaborators in Costa Rica, Egypt, the Philippines, Taiwan and the United Arab Emirates, this 1.5-million-dollar project supported by the National Science Foundation will advance water quality and sustainability technologies, designs, and policies. The team will develop materials and systems to harvest water from the atmosphere and disinfect stormwater, floodwater, and “recycled” household water. Researchers will also create guidance for implementing such technologies in extremely-water-resilient buildings in divergent climates. As extreme weather events like hurricanes increase in frequency due to the changing climate, the importance of buildings equipped to supply clean water independent of external water delivery infrastructure is clear. To help build a climate-aware workforce, the project will also offer training opportunities to graduate and undergraduate students; provide science outreach to middle and high school students; and increase the science literacy of the public.

The award is one of 13 nationwide recently announced by NSF’s Partnerships for International Research and Education program, which funds “use-inspired” climate change and clean energy research.

The UB team: Aga, principal investigator; Martha Bohm, associate professor of architecture, co-principal investigator; Ning Dai, PhD, associate professor of civil, structural and environmental engineering, co-principal investigator; Haiqing Lin, PhD, professor of chemical and biological engineering, co-principal investigator. Bohm is a member of the UB RENEW Institute’s steering committee. Dai is co-lead of RENEW’s Focus Area on Sustainable Water and Engineered Systems, and Lin is co-lead of RENEW’s Focus Area on Environmental Pollution and Human Health Implications.

## **Resources for Research**

1. From the Architecture and Planning Library: [Research Rabbit](#) is a free online citation-based literature mapping tool. It’s a visual literature review software mapping tool that is similar to Spotify. The tool connects your research interests to related articles and authors.
2. UB has a license for [REDCap](#), a secure web platform for building and managing online databases and surveys. With this free service, you can avoid adding the purchase of survey/DB programs in your research proposals.
3. The [Office of the Vice President for Research and Economic Development](#) (OVPRED) offers assistance in finding grant opportunities for researchers through UB Funding, grants for new and early career faculty, grants.gov, and limited submission opportunities.
4. The University at Buffalo’s [SPIN Funding Database](#) enables you to search for additional funding opportunities.

## **Reminders**

1. Sponsored Project Services (SPS) is enforcing a 5-day deadline for all grant submissions. If your proposal is not received at least five days before it is due, they may not review it. All proposals for sponsored research must be submitted through UB CLICK.
2. In addition, all proposals for sponsored research are required to be reviewed by Barbara Carlson and Nick Rajkovich. If you plan to submit a grant proposal, please let Barb and Nick know at least a week in advance to ensure a quick turnaround. In general, it will take one to two business days to get through the School of Architecture and Planning review process.
3. Finally, are you working on, or considering applying for, a sponsored grant? Please contact Nick/Barb as soon as possible so we can help you through the process and/or connect you to resources at the University at Buffalo.
  - Barb’s email is [carlsonb@buffalo.edu](mailto:carlsonb@buffalo.edu); her office is 232 Hayes Hall.
  - Nick’s email is [rajkovic@buffalo.edu](mailto:rajkovic@buffalo.edu); his office is in the Hayes 317 suite.

## Spring 2023 Research Events

All of the research workshops will be held in the IDEA Center: 309 Hayes Hall. All of the Informal Research Conversations will also be simulcast on Zoom; a link for these events will be sent out a week in advance.

Week	Friday	12:30 - 2:00pm	2:00 - 5:00pm
1	January 13	Writing Workshop	
2	January 20	Research Training (COI/CLICK Submissions)	Writing Workshop
3	January 27	Writing Workshop	
4	February 3	Office of Research Advancement (ORA) Office Hours	Writing Workshop
5	February 10	Writing Workshop	
6	February 17	Informal Research Conversation (Anahita Khodadadi, PhD & UBRI)	Writing Workshop
7	February 24	Writing Workshop	
8	March 3	ORA Office Hours	Writing Workshop
9	March 10	Writing Workshop	
10	March 17	Research Training (IRB: Chris Marks)	Writing Workshop
11	March 24	Spring Break (no meeting)	
12	March 31	ORA Office Hours	Writing Workshop
13	April 7	Writing Workshop	
14	April 14	Informal Research Conversation (Kristine Stiphany, PhD & Kate Nelischer, PhD)	Writing Workshop
15	April 21	Writing Workshop	
16	April 28	ORA Office Hours	Writing Workshop
17	May 5	Writing Workshop	
18	May 12	Architecture Final Review Week (no meeting)	