

# RESEARCH NEWS & UPDATES

## B/a+p



### **December 2022 Announcements**

1. MARK YOUR CALENDAR! The Spring 2023 research event schedule is available on page three of this newsletter. It features an opportunity for faculty to weigh in on what research supports they need, Informal Research Conversations, training sessions, visits by the UB Office of Research Advancement, and writing workshops!
2. 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.
3. In case you missed it: We have a new award analyst in the Sponsored Project Services office to work with all sponsored research. Sunny Zeng can be reached by phone at 645-4400 or by email at [Sunny.Zeng@buffalo.edu](mailto:Sunny.Zeng@buffalo.edu).

### **Upcoming Research Opportunities**

The Arctic Circle seeks applications from international contemporary artists of all disciplines, scientists, architects, educators and innovators alike. Application guidelines for The Arctic Circle 2023 program are now available at [www.thearcticcircle.org](http://www.thearcticcircle.org).

### **Featured Publications**

**Guitart, Miguel**, editor. *Approaching Architecture: Three Fields, One Discipline*, Routledge, 2022.  
<https://doi.org/10.4324/9781003195535>

The study of the architectural discipline suffers from an increasing disconnect between its teaching and its professional practice. In this edited collection, 18 architectural voices address this disconnect by reflecting on the ways in which they exercise the architectural discipline in three ways: research, teaching, and practice. This book argues that the totality of activities encompassed by the architectural profession can be best fulfilled when reconsidering the critical interactions between these three fields in the everyday exercise of the profession.

**Choi, J., Maisel, Jordana.** "Assessing the Implementation of On-Demand Transportation Services for People with Disabilities," *Transportation Research Record*, Vol. 2676, #5. May 2022. [DOI: 10.1177/036119812110679767](https://doi.org/10.1177/036119812110679767)

As there are many barriers to the effective operation of paratransit services required by the Americans with Disabilities Act (ADA), both riders and transit agencies have incentives to shift some paratransit ridership to more effective transit services. To address these barriers, transit agencies have started partnering with technology-enabled third-party companies (e.g., transportation network companies, taxi companies) to provide new on-demand mobility options for people with disabilities. Previous studies identified the benefits and challenges of implementing on-demand services through a public-private partnership, but did not fully investigate the implementation of this emerging on-demand service from the perspective of serving individuals with disabilities. This study conducted online surveys and semi-structured interviews with 10 transit agencies across the United States to understand how this new on-demand mobility option has complemented ADA paratransit services, and what challenges and outcomes the partnerships have experienced over time. Findings indicate that despite the positive impact of implementing the on-demand service on overall service operation and delivery, transit agencies still experienced challenges in providing accessible and reliable on-demand services for riders. Transit agencies and partnering mobility service companies should work together to increase technology adoption, availability and reliability of wheelchair accessible services, and driver sensitivity to the needs of individuals with disabilities, as well as to support the sustainability of the program through continuous evaluation.

## Featured Project

A University at Buffalo-led research team, co-led by Associate Professor Jin Young Song, will seek to develop eco-friendly insulation materials through a new \$2.2 million project funded by the U.S. Department of Energy (DOE). The grant is part of the DOE Advanced Research Projects Agency – Energy (ARPA-E) Harnessing Emissions into Structures Taking Inputs from the Atmosphere (HESTIA) program, which [recently announced \\$39 million in awards to multiple institutions](#) to advance technologies that can transform buildings into net carbon storage structures. The UB team will research carbon-storing drywall that incorporates silica aerogel developed by UB researchers, along with either a recycled cellulose product developed by regional company CleanFiber, or straw. For more information on the project, please visit <https://www.buffalo.edu/news/releases/2022/07/009.html>.

## Resources for Research

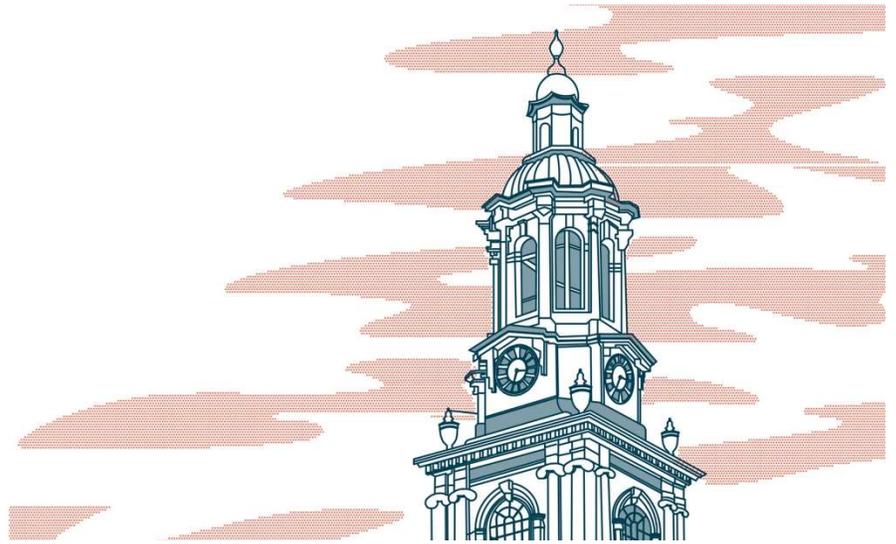
1. From the Architecture and Planning Library: [Journal Guide](#) is a free tool created by a group of software developers, former researchers, and scholarly publishing veterans at Research Square. Search, filter, sort, and compare papers, journals, and publishers from more than 46,000 titles.
2. UB 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 the 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 business day to get through the school 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 start the process!
  - 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

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## Spring 2023 Research Events

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

All events will be held in the IDEA Center in 309 Hayes Hall. The research training and Informal Research Conversations will also be broadcast on Zoom: <https://buffalo.zoom.us/j/7168296910?pwd=cTV5WEVxK2FqRWJzYk96UjJCTnJoZz09>. If you have any questions regarding the schedule, please email Nick Rajkovich at [rajkovic@buffalo.edu](mailto:rajkovic@buffalo.edu).