

Call for Proposals: 2023-2024

BNIM Regenerative Design Challenge

About BNIM: BNIM delivers beautiful, integrated, living environments that inspire change and enhance the human condition. Their instrumental development of the USGBC, LEED, and the Living Building concept, combined with projects, methods and research, shaped the direction of the sustainable movement. Through this involvement, the firm has redefined design excellence to elevate human experience together with aesthetics and building performance. In practice, this multifaceted design excellence has yielded national acclaim, including the AIA National Architecture Firm Award, and consistent design recognition nationally and internationally. BNIM would like its gift to the College of Design to reflect this expertise.

Background of the Challenge: The BNIM **Regenerative** Design Challenge supports multidisciplinary faculty research in the areas of sustainability and regenerative design. Regenerative design is a systems-based methodology that attempts to restore, renew, and revitalize. Regenerative design attempts to provide measurable net positive impacts to humanity and the planet.

Applicant proposals will be reviewed on the criteria outlined below by the Dean's Office.

Funding: \$10,000 over one year (2023-2024)

Eligibility: Applicants must be currently employed faculty and/or staff within the College of Design including tenured or tenure-track faculty, lecturers, senior lecturers, and professional and scientific staff.

Criteria for Selection:

- Minimum of two co-principal investigators from two separate College of Design departments.
- Projects will primarily address problems in the areas of **sustainability and regenerative design**.
- Proposal submission must include:
 - Project Justification (3 pages maximum) and address these 7 areas:
 1. Name of co-PIs and description of the regenerative design research you propose with this funding.
 2. Community organizations or governments to be impacted.
 3. Plan for collaborative, interdisciplinary nature of the proposed research.
 4. What past research will this project rely on?
 5. What impacts or improvements could be expected from this research in regenerative and sustainable design? What metrics will be utilized?
 6. How will students benefit from this research?
 7. How would studio teaching be improved with this research?
- Budget and budget justification (1 page)
 - Funding cannot be used for computing equipment
 - Other project equipment is limited to a maximum of \$2,500 and justified toward use in the project.
 - Summer salary is an eligible expense as necessary to advance the approved project.
- Proposals should be sent electronically as a single PDF document by March 10, 2023 to Julie Robison, Interim Associate Director of IDRO at jrobison@iastate.edu. No paper copies please.
- The Associate Dean for Faculty Success is available to answer questions about content and completeness of proposals within a reasonable period prior to submission.

Post---Award Review:

Successful applicants are expected to provide a kick-off, mid-cycle, and final presentation and a final report upon completion of the work to the Associate Dean for Faculty Success. All expenditures for the project must be submitted by May 14, 2024.

Timeline:

- Request for proposals released **February 9th, 2023.**
- **Proposals due March 10th, 2023.**
- **Successful team announced March 24, 2023.**
- Project begins Summer Semester 2023 on May 15, 2023.
- Project team will hold beginning, midpoint, and final presentations of work.
- Project ends May 14, 2024. Funds must be expended by this date.

Past Recipients of the BNIM Challenge Award:

1st BNIM Challenge Award

“Building a Community: Homes for Transitioning Young Adults with Autism Spectrum Disorder (ASD),” aimed to contribute positively to a community’s social, economic and environmental needs by addressing two main issues: how to better engage with ideas of inclusivity and well-being in regenerative architecture, and how design for ASD can assist in rebuilding and renewing communities. Awarded to Julie Irish, interior design; Daniel Kuhlmann, community and regional planning; and Andrea Wheeler, architecture; and associate professors Diane Al Shihabi, interior design, and Mikesch Muecke, architecture. See: <https://www.design.iastate.edu/news/2019/03/bnim-challenge-grant/?c=community-and-regional-planning>

2nd BNIM Challenge Award

“A Best Practice Manual for Aging in Place: Revitalizing Small Communities for Aging Population in Iowa.” Awarded to Daejin Kim’s senior design studio (ARTID 465: Design studio) and Dr. Sung duck Lee’s URBD532: Urban design methods courses.