

# ANNUAL RESEARCH REPORT

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**Research in the College of Design is on a distinctly positive trajectory. We have a breadth of scholarship that spans from theory to advocacy to creative practice, reflecting our commitment to a diverse and inclusive research agenda. It includes those who work in collaborative clusters and additionally makes room for highly individualized work.**

Over the past year, we have celebrated numerous achievements, including exhibition openings, research equipment acquisition, book releases, and the College of Design Research Seminar Series, which has provided a platform for faculty to share their research with the broader community. Our collective reputation is growing because of the inherent value of our work, the exposure it is receiving, and the participation of our faculty members in University of Kentucky research development programs. This momentum is important to continue, and the College of Design is committed to supporting faculty success in scholarship. We hope this compilation of significant research accomplishments, awards, and honors communicates the depth of impact emanating from the College of Design community.



Ned Crankshaw  
Acting Dean, College of Design

# UNIVERSITY RESEARCH PROFESSORS



## 2024-25 | REBEKAH RADTKE, SCHOOL OF INTERIORS

Rebekah Radtke is an Associate Professor in the School of Interiors at the University of Kentucky College of Design and a Chellgren Endowed Professor. Radtke's research investigates design pathways exploring sustainable climatic futures in the post-mining territories of Appalachia. She uses community-centric co-design processes in support of climate-responsive communities in Southeastern Kentucky and communities worldwide. The impacts of her work are through international partnership development and research collaborations in post-extraction territories. Radtke collaboratively founded Global x Appalachia and Studio Appalachia to lead these endeavors which have been grant funded from entities including the National Endowment for the Arts, chronicled in articles, book chapters, and presented locally and internationally. In 2023, Global x Appalachia was recognized as a University of Kentucky Emerging Theme for Research. Her collaborative work more broadly includes pedagogical projects in China, design-build projects in Brazil, sustainability research in South Africa, community-activated interventions in Southeastern Kentucky and experiential learning design initiatives in Lexington, Ky. Her scholarship seeks to build transformative connections through impactful collaborations and bring interior design principles to a broader audience.



## 2023-24 | MIKE MCKAY, SCHOOL OF ARCHITECTURE

Mike McKay is an Associate Professor in the School of Architecture and a distinguished University Research Professor at the University of Kentucky College of Design. He received his Bachelor of Architecture from the University of Kentucky and Master of Architecture from Princeton University. As an artist and designer, his installations, paintings, and mixed media work have been exhibited in Europe and throughout the United States. McKay is a MacDowell Fellow. Previous projects range in scale from urban landscapes to installations and 2-dimensional work. Each contributes to an overall investigation of form in relationship to material assembly, space, and the phenomenon of perspective as constructed mediators of experience.

# AWARDS + HIGHLIGHTS

## COLLEGE OF DESIGN FACULTY AND STAFF AWARDS

### 2023-24

**Staff Excellence:** Kimberly Light

**Staff Service:** Joe Brewer

**New Faculty:** Seda Kayim

**Faculty Teaching:** Joe Rey-Barreau

**Faculty Research:** Galo Canizares

**Faculty Service:** Liz Swanson

### 2022-23

**Staff Excellence:** Jennie Boyd

**Staff Service:** Aaron Vaught

**New Faculty:** Leen Katrib

**Faculty Teaching:** Jill Leckner

**Faculty Research:** Hannah Dewhirst

**Faculty Service:** Patrick Lee Lucas



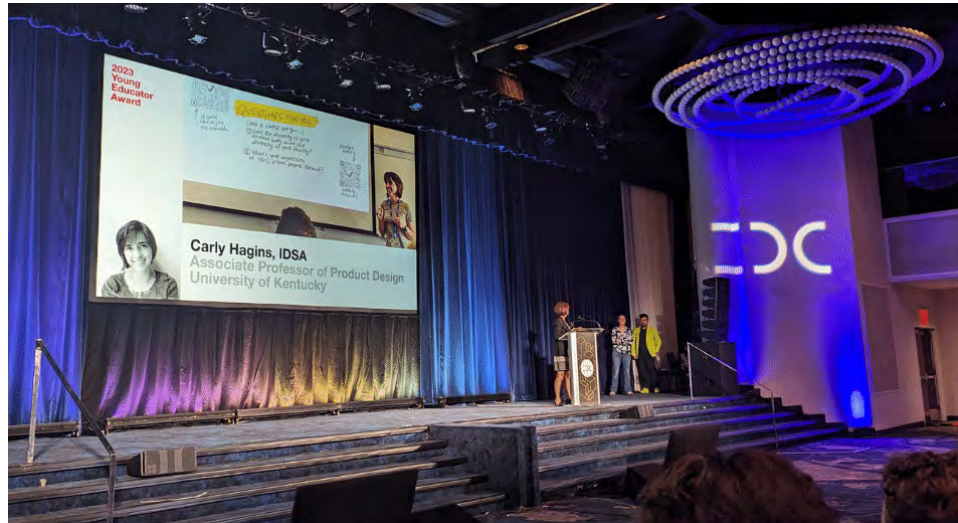
## PROVOST'S IMPACT AWARD

### Expanding Softgoods Specializations and Material Research in the College of Design

*Ned Crankshaw, Lindsey Fay*

*IMPACT Faculty & Staff: Hannah Dewhirst, Jennifer Meakins, SK O'Brien,  
Ingrid Schmidt, Sophia Thomas*

In alignment with the newly announced Research Priority Area of Materials Science, the aims and goals of this project were to hire new talent to expand softgoods expertise in the College of Design, acquire new equipment to support softgoods teaching and research, and to train faculty and students in this area of research. With the support of the IMPACT funds, which totaled \$92,158, the College of Design has made significant strides towards research focused on the intersection of design with textiles. Our vision for the SoftLab is one that encourages material testing, rapid prototyping, customization, and promotes forward-thinking implementation of materials to inspire and enable a new generation of students, faculty, designers, and material possibilities. In the past year, we have installed an 80" flat digital knitting machine, tufting and sewing equipment, assembly tools, and various other materials and textiles. As part of the award, numerous College of Design faculty also had the opportunity to attend the Knit Futures Symposium. Organized by faculty member, Jennifer Meakins, this event brought together academic and industry partners for a three-day program focused on the intersection of digital knitting and the built environment. Please look forward to more research, learning, and engagement opportunities coming forward from the SoftLab.



Carly Hagins receives the 2023 Young Educator Award at the International Design Conference in New York.

## INDUSTRIAL DESIGN SOCIETY OF AMERICA RECOGNIZES PRODUCT DESIGN FACULTY

**Carly Hagins**, Assistant Professor of Product Design was the 2023 recipient of the IDSA Young Educator Award.

**Jon Mills**, Chair of the Department of Product Design, was one of 24 individuals recognized by the IDSA 20/2x recognition program for his contributions to the field.

## CURATE AWARDEES

### 2023-24

**Kristi Bartlett**: Mixed Reality in Product Design Education, \$2,339.86.

**Emily Bergeron**: Unveiling Legal Anthropological Insights: A Proposal to Review Ithaca College Anthropology Department Archives on Aboriginal Rights Case Mitchell v MNR [2001] 1 S.C.R. 911, \$3,000.

**Carly Hagins**: Industrial Design Education Census (3.0), \$2,953.00.

**Emilija Landsbergis**: Joinery & Assembly, \$3,000.

**Jennifer Meakins**: SoftLab Implementation: Media Kit Development to Support Multi-Disciplinary use of Digital Knitting Equipment, \$3,000.

**Dan Vivian**: Remembering and Commemorating the Underground Railroad in Ohio, \$1,034.60.

### 2022-23

**Leen Katrib**: Excavating the University Campus, \$3,134.

**SK O'Brien**: Manufacturing and Design in Kentucky - Phase 2, \$1,193.

**Rebekah Radtke**: Pixel, Thread, Weave, \$3,113.

**Jason Scroggin**: Fabricating Play Manuscript, \$3,000.

## UNIVERSITY RESEARCH PRIORITY AREAS

Faculty in the College of Design are actively advancing and aligning their research with the University Research Priority Areas, regularly participating in RPA networking events and showcases to deepen their engagement as well as consistently pursuing funding through these outlets.

### ENERGY

**Rebekah Radtke and Jeff Fugate**, Studio Appalachia: Global Post-Mining Network Collaborative Research Initiative, \$49,998.

### MATERIALS SCIENCE

**Jennifer Meakins**, New Faculty Research Support, \$10,000.

### UNITE

**Kristi Bartlett**, New Faculty Research Support, \$7,000.

**Kristi Bartlett**, Game for Children with Disabilities. UNITE Small Scale Funding, \$400.00.

**Leen Katrib**, New Faculty Research Support, \$10,000.

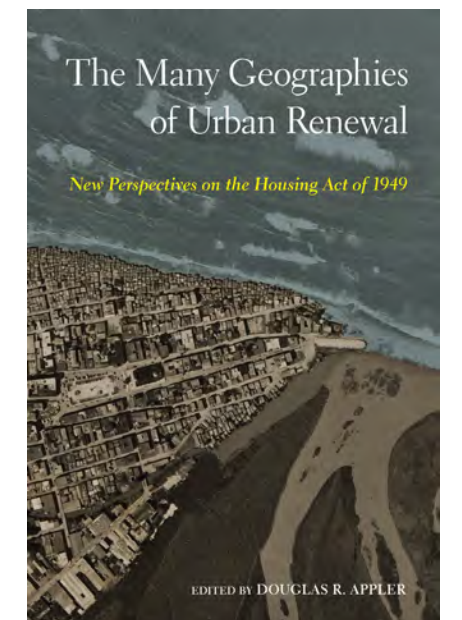
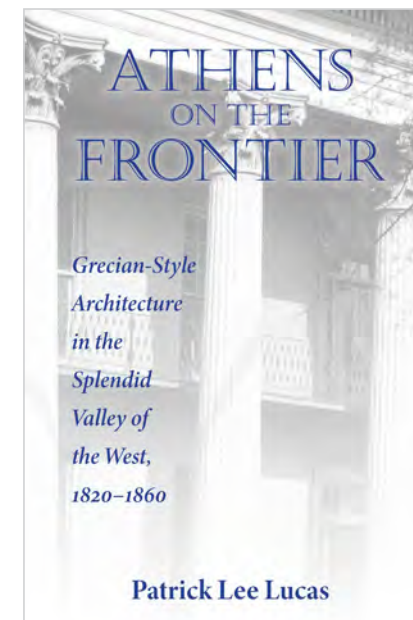
**Kristi Bartlett and Aanya Chugh**. Experiences of Historically Excluded Students in Design. UNITE General Call for Proposals. \$24,718.06.

## FACULTY BOOKS

*Athens on the Frontier: Grecian-Style Architecture in the Great Valley of the West, 1820-1860*, University Press of Kentucky, by Patrick Lee Lucas.

*Homing the Machine in Architecture*, Edited by Galo Canizares and Zach Cohen.

*The Many Geographies of Urban Renewal: New Perspectives on the Housing Act of 1949*, Edited by Douglas R. Appler.





## FACULTY EXHIBITION HIGHLIGHT

### Reparations: The Other Mies Archive

*Leen Katrib. Lexington Art League, February 9 - March 29, 2024*

This ongoing subversive archival project re-examines the history of modernist architect Ludwig Mies van der Rohe's design for the Illinois Institute of Technology's postwar campus expansion, which led to the strategic erasure of a primarily Black neighborhood in Chicago's South Side. Conceived as an archival apparatus, the installation deconstructs the official campus history and complicates the architect's legacy, which rarely diverges from a discussion about form and architectural ideology, by inviting visitors to peek into the material record that was necessarily suppressed to create the myth of a tabula rasa created by an "apolitical" architect intent on creating an "apolitical" architecture in the name of progress and higher education.

Complementing the archival apparatus in the main exhibition room is an informal pop-up archive that invites visitors to rummage through an in-progress collection of found, scanned, and produced historical materials on the expansion of another campus—the Auraria Campus that wiped out a Hispanic neighborhood in Denver in the 1970s. Led by Jacques Brownson, a former student of Mies van der Rohe at IIT, and a number of IIT graduates, the pop up archive contextualizes the lingering implications of Mies van der Rohe's master plan and curriculum at IIT on the American academic landscape at large by taking stock of his former students and second-generation disciples.

This long-overdue subversive turn on the historiography of Miesian modernism and the modern university invites visitors to a moment of critical self-reflection: how do we confront the expansion of higher education institutions when it comes at the expense of displaced communities of color whose suppressed histories have often been justified?

## DOUGLAS APPLER

### BOOKS

*The Many Geographies of Urban Renewal: New Perspectives on the Housing Act of 1949*, Edited by Douglas R. Appler.

### BOOK CHAPTERS

Appler, D. Introduction. In Douglas R. Appler, (ed) *The Many Geographies of Urban Renewal* (Philadelphia: Temple University Press, 2023). 1-20.

Appler, D. Three Views of Urban Renewal in Puerto Rico. In Douglas R. Appler (ed.) *The Many Geographies of Urban Renewal* (Philadelphia: Temple University Press, 2023). 115-139.

### CONFERENCE PRESENTATIONS

Appler, D., Spodek, J. & Sullivan, A. (2023). *The Future of Historic Preservation Education*. Indiana Statewide Preservation Conference.

## KRISTI BARTLETT

### PUBLICATIONS

Bartlett, K. A., Camba, J. D. (2024). *Generative Artificial Intelligence in Product Design Education*. International Journal of Interactive Multimedia and Artificial Intelligence, 5(8), 55-64. <https://doi.org/10.9781/ijimai.2024.02.006>.

Bartlett, K. A., Palacios-Ibáñez, A., Camba, J. D. (2023). *Design and Validation of a Virtual Reality Mental Rotation Test*. ACM Transactions on Applied Perception, 21(2), 1-22. <https://doi.org/10.1145/3626238>.

Bartlett, K. (2023). *The Politics of the Purdue Spatial Visualization Test of Rotations (PSVT:R) and its Use in Engineering Education*. Engineering Studies, <https://doi.org/10.1080/19378629.2023.2297958>.

Bartlett, K. A., Camba, J. D. (2023). *Is this a real 3D shape? An investigation of construct validity and item difficulty in the PSVT:R*. Visual Cognition, 31(3), 235-255. <https://doi.org/10.1080/13506285.2023.2250508>.

Bartlett, K. A., Masta, S. (2023). *A glimpse into the gendered dynamics in industrial design through the podcast discourse*. Engineering Studies, 15(3), 180-200. <https://doi.org/10.1080/19378629.2023.2259368>.

Conesa, J., Mula, F. J., Bartlett, K. A., Naya, F., Contero, M. (2023). *The Influence of Immersive and Collaborative Virtual Environments in Improving Spatial Skills*. Applied Sciences, 13(14), 8426. <https://doi.org/10.3390/app13148426>.

### GRANTS AND FUNDING

Bartlett, K. A. University of Kentucky United in True Racial Equity (UNITE) Small Scale Funding. Game for Children with Disabilities. \$400.00.

Bartlett, K. A. University of Kentucky College of Design CURATE. Mixed Reality in Product Design Education. \$2,339.86.

Bartlett, K. A. & Chugh, A. University of Kentucky UNITE Research Priority Area General Call for Proposals. Experiences of Historically Excluded Students in Design. \$24,718.06.

Bartlett, K. A. Matching startup support from University of Kentucky UNITE (United in True Racial Equity). \$7,000.00.

## EMILY BERGERON

### PUBLICATIONS

Bergeron, E. (2024). *"Bridging the Digital Divide. Advancing Access to Broadband for All,"* Human Rights, Vol. 49, No. 4.

Hill, B. And Bergeron, E. (2024). *"Climate Change Litigation - A Primer,"* The Environmental Law Reporter, Vo. 54, No. 4.

Bergeron, E. (2024). *"Native American Graves Protection and Repatriation Act - Where Are We Now,"* Human Rights, Vol. 49, No. 3.

Bergeron, E. (September/October 2023). *"Tribes are Guaranteed Justice By Treaty,"* The Environmental Forum, Vol. 40, No. 5.

Bergeron, E. (May 2023). *"Greening Human Rights: The Global Recognition of the Right to a Clean and Healthy Environment,"* Natural Resources & Environment, Vol. 37, No.4.

Bergeron, E. (2023). *"Climate Cause and Effect: The Role of Climate Change in the COVID-19 Pandemic"* in The Impact of Covid-19 on Civil Rights and Social Justice, Washington, DC: American Bar Association.

Bergeron, E. and Gibson, A. (May 9, 2023). *"Envisioning a Healthier Community: Enhancing Housing Opportunities Through Adaptive Reuse,"* Generations Today (American Society on Aging).

### PRESENTATIONS AND PODCASTS

Hill, B., & Bergeron, E. (April 5, 2024). People Places Planet Podcast, ELR Spotlight: A primer on climate justice litigation (S. Backer, Interviewer). Environmental Law Institute. <https://share.transistor.fm/s/05eed3a0>.

*"Examining Climate Justice Through the Lens of Litigation."* UNITE Ongoing Member Engagement Meeting, Lexington, KY. March 20, 2024.

*"The Future of Preservation Education & Research"* NCPE Annual Meeting Washington, DC. November 7, 2023.

Keynote Speaker. *"Hybridity,"* Cornell Historic Preservation Planning Alumni, 3rd Annual Alumni Symposium. Ithaca, NY. June 16, 2023.

Panel Moderator, *"Rights of Persons with Disabilities to Access Public Natural Resources,"* American Bar Association Section on Civil Rights and Social Justice and Commission on Disability Rights. Moderator webinar. (June 8, 2023).

## GRANTS AND FUNDING

Bergeron, E. & Sandmeyer, B. (2024). TEK 200, Introduction to Transdisciplinary Environmental Studies. TEK Faculty Fellows, \$7000.

Unveiling Legal Anthropological Insights: A Proposal to Review Ithaca College Anthropology Department Archives on Aboriginal Rights Case Mitchell v MNR [2001] 1 S.C.R. 911. CURATE Research Support Awards, \$3,000.

## GALO CANIZARES

### BOOKS

*Homing the Machine in Architecture*, Edited by Galo Canizares and Zach Cohen.

### BOOK CHAPTERS

Canizares, G. & Delgado S. S. (2023). *A Project. A Paradox. Complexity, Contradiction, and Literalness in Architecture*. In "A Purple Architecture: Design in the Age of the Physical-Virtual Continuum." Carnegie Mellon University ETC Press.

*Full Spectrum: Colour in Architecture*, eds. Jasmine Benyamin, Elena Manferdini (RIBA Publishers) "Digital Color: A Semi-Technical Reflection."

### CONFERENCE PRESENTATIONS

Canizares, G. (2024). *Taming the Rhinoceros: A Brief History of a Ubiquitous Tool*. Society of Architectural Historians Annual International Conference, Albuquerque, NM.

### EXHIBITIONS

Artist Activations. Art Blocks Gallery. Marfa, TX.

Buffers. After Dark: Around the Fire. Dawn Contemporary Online Gallery. January 29 – February 2, 2024. <https://www.alba.art/galleries/dawn-contemporary/exhibitions/after-dark-around-the-fire>.

Unit London TEN Exhibition. Londgon, England. <https://unitlondon.com/exhibitions/ten-a-decade-of-unit-london>.

## AANYA CHUGH

### PUBLICATIONS

Chugh, A. (2024) *Zines: Radical Tools for Empathy and Introspection*. Greater faculties: a review of teaching and learning.

Chugh, A. (2024) *Using Design Thinking to Foster Collaboration, an Interdisciplinary Design Studio*. AMPS Proceedings Journal Series. ISSN 2398-9467.

### CONFERENCE PRESENTATIONS

Chugh, A. (2023) *Zines, Radical Tools for Empathy and Interconnection*. UK Teaching Excellence Symposium. Kentucky.



Chugh, A. (2023). *Using Design Thinking to Foster Collaboration, an Interdisciplinary Design Studio*. AMPS: Teaching Beyond the Curriculum.

Chugh, A. (2023). *Expanding Sustainability: Design as a Radical Act of Care*. AMPS: Local Cultures, Global Spaces.

Chugh, A. (2023). Fostering *Transdisciplinary Design Education through Design Thinking*. IDEC Midwest Regional Conference.

#### GRANTS AND FUNDING

Bartlett, K. A. & Chugh, A. University of Kentucky UNITE Research Priority Area General Call for Proposals. Experiences of Historically Excluded Students in Design. \$24,718.06.

#### INVITED LECTURES

Chugh, A. (2023). *From “Me” to “We”: Moving toward Awareness, Empathy and Interconnection in Design*. University of Manitoba.

Chugh, A. (2023). *Moving Toward Mindfulness in Design Education*. University of Louisville.

### HANNAH DEWHIRST

#### CONFERENCE PRESENTATIONS

Schmidt, I & Dewhirst, H. (2024). *Bias: Textile, Color, and Ornament in Contemporary Interiors*. IDEC National Conference, NYC, New York.

#### EXHIBITIONS

Dewhirst, H., Fugate, J., Radtke, R., Sturlaugson, B. (2023). *Studio Appalachia: Climate Resilience Through Community Resilience*. Appalachian Big Ideas Festival. Hazard, KY.

#### GRANTS AND FUNDING

Dewhirst, H. & O'Brien, SK (2023). Softgoods Laboratory Digital Knitting Equipment. OVPR – Research Equipment Competition. \$99,676.

### ANGUS EADE

#### CONFERENCE PRESENTATIONS

Eade, A. (2023). *Extended Economies of Scale in Variable Pin Molded Precast Shell Assemblies*. PCI (The Precast/Prestressed Concrete Institute) Central Region Conference, Cincinnati, OH.

Eade, A. (2023). *Updating Materials and Methods of Construction Pedagogy for Digital Natives: A Critical Adaptation from Textbooks, Tests and Essays, to Digitally Fabricated Physical Materials Systems Models, Discursive Video Blogs, and Gamified Computational Simulation*. AMPS (Architecture, Media, Politics, Society), Teaching Beyond the Curriculum. Glasgow, Scotland.

#### GRANTS AND FUNDING

Eade, A. (2023). PCI. The Precast/Prestressed Concrete Institute for Pedagogical Research. \$25,000.

Eade, A. & Mills, J. (2023). CVG - Cincinnati/Northern Kentucky International Airport - for support of Design Research Studio and forthcoming exhibit. \$5,000.

### LINDSEY FAY

#### BOOK CHAPTER

Fay, L. & Santiago, J. (2023). *Physical design*. In E. Ho, C Bylund, M. Krutzel, and J. van Weert (Eds.), I. Basnyat, N. Bol, and M. Dean (Assoc. Eds.). The International Encyclopedia of Health Communication. Wiley.

#### PUBLICATIONS

Fay, L., Daneshvar, Z., Julien-Bell, S. & Haynes, S. (Forthcoming). *Designed for satisfaction: The impact of single-family room neonatal intensive care units on family and visitors*. Journal of Perinatal and Neonatal Nursing.

Fay, L., Real, K., Haynes, S. & Daneshvar, Z. (2023). *Examining efficiency of open bay and single-family room NICUs*. Advances in Neonatal Care.

#### CONFERENCE PRESENTATIONS

Julien-Bell, S., Fay, L., Jiang, S., Daneshvar, Z., & Hajibabaei, Z. (2024). *Exploring communication behaviors: Time-series study on newly designed neonatal intensive care unit*. Kentucky Conference on Health Communication. Lexington, KY.

Fay, L. & Haynes, S. (2023). *The Impact of NICU Design on Healthcare Professionals: Examining Stress and Well-Being through a Pre- Post- Investigation*. Environment Design Research Association (EDRA) Conference. Mexico City, MX.

Fay, L., Gale, A. & Pearson, M. (2023). *Characteristics of Belonging: Students’ Perceptions of Support and Program Atmosphere*. Environment Design Research Association (EDRA) Conference. Mexico City, MX.

### ANNE FILSON

#### PUBLICATIONS - CITATION/INTERVIEW

Filson, A. & Rohrbacher, G. (2023). *“Nothing Like Compilation: How Professional Digital Fabrication Workflows Go Beyond Extruding, Milling, and Machines”* -- Hirsch, Peek, et al. May 2023, ACM Transactions on Computer-Human Interaction.

#### EXHIBITIONS

Filson, A. & Rohrbacher, G. (Forthcoming, July 2024). *Toolpath Panels*. Center for Machine Arts, Peekskill, NY.

Filson, A. & Rohrbacher, G. (Forthcoming, Fall 2024 / Spring 2025). *Paths Crossed*. Republic Building Gallery, Indiana University; 21c, Louisville.

## GRANTS AND FUNDING

Filson, A. & Rohrbacher, G. (2024). Bantam Tools “Virtual Residency” received in-kind gift of their new Nexdraw drawing machine; industrial support from Autodesk and Stepcraft.

Filson, A. & Rohrbacher, G. (2023). Indiana University Collaborative Research Grant.

Rohrbacher, G., Andrews, R., Filson, A., Hampson, S. & Taulbee, D. (2023) Kentucky Research Consortium for Energy and Environment (KRCEE): Virtual Museum Project for CoD.

Andrews, R., Filson, A., Fryar, A., Hampson, S., Ormsbee, L., Price, S., Rohrbacher, G., Taulbee, D., Wang, Z., Woolery, E., Zhu, J. & Taulbee, D. (2023). US Dept of Energy via Kentucky Research Consortium for Energy and Environment (KRCEE). Grant for 3D visualizations of remediation progress at the Paducah Gaseous Diffusion Plant.

## INVITED LECTURES

Filson, A. & Rohrbacher, G. (2024). *Surplus Value*. Wentworth Institute of Technology.

## JEFF FUGATE

### CONFERENCE PRESENTATIONS

Fugate, J., Radtke, R., Sturlaugson, B., & Campbell, B. (2024) *Climate Resilience through Community Resilience: A Model for Engaged Design from Coal Country*” Association for Collegiate Schools of Architecture (ACSA) Annual Meeting: Disrupters at the Edge. Vancouver, BC.

Fugate, J. Radtke, R. (2023) *“Studio Appalachia” Post-Mining Territories Network Symposium*. Ecole Nationale Supérieure d’Architecture et de Paysage de Lille. Charleroi, BEL & Harnes, FRA.

Orff, K., Fugate, J., Henry, P.L. (2023). *How Green Infrastructure Captured the Heart of Lexington: Town Branch Commons*. American Society of Landscape Architects. Minneapolis, MN.

Radtke, R., Fugate, J. (2023). *Inclusive Design for Climate Resiliency*. EDRA 54 - Environment and Health: Global / Local Challenges and Actions. Mexico City, MX.

Fugate, J., Sturlaugson, B. (2023). *Troublesome Creeks: An Atlas of Appalachia in the Anthropocene*. ARCC 2023 International Conference. Dallas, TX.

### EXHIBITIONS

Dewhirst, H., Fugate, J., Radtke, R., Sturlaugson, B. (2023). *Studio Appalachia: Climate Resilience Through Community Resilience*. Appalachian Big Ideas Festival. Hazard, KY.

## GRANTS AND FUNDING

Radtke, R., Fugate, J. & Campbell, B. (2023). Global x Appalachia. UK Emerging Themes for Research. \$300,000.

Radtke, R. & Fugate, J. (2023). Studio Appalachia: Global Post-Mining Network Collaborative Research Initiative. UK Energy Research Priority Area, \$49,998.

## CARLY HAGINS

### CONFERENCE PRESENTATIONS

Bush, B., Hagins, C., & Paepcke-Hjeltness, V. (2023). *“The Heterogeneity of Industrial Design Higher Education.”* International Engineering and Product Design Education Conference. Visual Paper, Barcelona, Spain.

Bush, B., Hagins, C., & Paepcke-Hjeltness, V. (2023). *“Educational Design Census V2.0.”* Industrial Design Society of America (IDSA) Education Symposium. World Cafe, New York, New York.

Barnhart, B., Hagins, C., & Tierney, K. (2023). *Interests, Applications, & Placements: the Role of Gender in Industrial Design Internships*. Cumulus Conference. Antwerp, Belgium.

Barnhart, B., Hagins, C., & Tierney, K. (2023). *“To Mandate or Not to Mandate: Internships in Industrial Design Education.”* Applied Human Factors and Ergonomics Conference. San Francisco, California.

Hagins, C., & Schneider, R. (2023). *Design Process Supercharged: AI Aided Design Implications in Design Education*. Industrial Design Society of America (IDSA) Education Symposium. Panel Discussion, New York, New York.

Bush, B., Hagins, C., & Paepcke-Hjeltness, V. (2023) *Career Topography: Mapping Your Path*. IDSA Women in Design Deep Dive. Interactive Workshop, Chicago, Illinois.

## JOHANNA HEINRICHS

### BOOKS

Heinrichs, J. (forthcoming, early 2025) *Villa and Palace in the Venetian Renaissance: The Palladian House between Country and City*. Cambridge University Press.

### AWARDS

European Heritage Europa Nostra Award, Research Category. L’architettura proto-industriale del Veneto nell’età di Palladio / Proto-Industrial Architecture of the Veneto in the Age of Palladio. Awarded to Deborah Howard, Johanna Heinrichs contributing author to book.

## JEFFREY JOHNSON

### BOOK CHAPTERS

Johnson, J. (2023). *Beijing’s Megablock Under One Roof*. In The Interior Urbanism Reader. Gregory Marinic, ed. Routledge.

## LEEN KATRIB

### AWARDS

National Endowment for the Arts Fellowship (awarded by MacDowell's selection committee in 07/23).

### EXHIBITIONS

*Reparations: The Other Mies Archive*. Lexington Art League Loudoun House, Lexington, KY.

*Town & Gown—a Pop Up Archive*. University of Colorado Denver. Denver, CO.

### CONFERENCE PRESENTATIONS

Katrib, L. (2024). *Excavating the University Campus: A Pedagogy of Deconstructing Architecture's Myths*. 112th Annual Meeting of the Association of Collegiate Schools of Architecture (ACSA 112). Vancouver, Canada.

Katrib, L. (2024). *Field Coordination: A Curatorial Pedagogy*. 39th National Conference on the Beginning Design Student (NCBDS 39). Lafayette, Louisiana.

Katrib, L. (2024). *Counter Compositions*. 39th National Conference on the Beginning Design Student (NCBDS 39). Lafayette, Louisiana.

Katrib, L. (2023) *Excavating the Urban University Campus*. Symposium of Urban Design History and Theory. Delft University of Technology (TU Delft). Delft, Netherlands. (shorter version)

Katrib, L. (2023). *Excavating the University Campus*. Urban History Association 10th Biennial Conference on Reparations & the Right to the City. Pittsburgh, PA. (revised version)

Katrib, L. (2023). *Excavating the University Campus*. 2023 Annual Conference of the Southeast Society of Architectural Historians. Little Rock, Arkansas. (revised & expanded version)

Katrib, L. (2023). *Less is Negative*. Designing Urban Universities Conference. Trinity College Dublin. Dublin, Ireland.

### GRANTS AND FUNDING

Katrib, L. (2023). OVPR Conference & Workshop Grant. \$1,000.

Katrib, L. (2023). Excavating the University Campus. CURATE Research Support Program. \$3,134.

Katrib, L. (2023). UNITE RPA Research Support. \$10,000.

### INVITED LECTURES

Katrib, L. (2024). *Another Mies*. AR4032 History and Theory. University of Limerick School of Architecture & Product Design. (Virtual)

Katrib, L. (2023). *Another Mies*. ARC 317 Third-Year Undergraduate Studio. Syracuse University School of Architecture. (Virtual)

Katrib, L. (2023). *Town & Gown—a Pop Up Archive*. Fall 2023 Lectures Series, Table Manners Session. University of Colorado Denver. Denver, CO. (this was a lecture given alongside a pop up exhibition)

## SEDA KAYIM

### PUBLICATIONS

Kayim, S. (2023). *Surveillant Movements: Policing and Spatial Production in East German Housing*, react/review, Vol. 3.

### CONFERENCE PRESENTATIONS

Kayim, E. S. (2024) *East German Political Remand Prisons and the Federal Republic*. Society of Architectural Historians 77th Annual International Conference.

Kayim, E. S. (2024) *Legacies of Incarceration: East German Remand Prisons after Reunification*. European Architectural History Network 8th International Meeting.

## PATRICK LEE LUCAS

### BOOKS

*Athens on the Frontier: Grecian-Style Architecture in the Great Valley of the West, 1820-1860*, University Press of Kentucky, by Patrick Lee Lucas.

## JENNIFER MEAKINS

### EXHIBITIONS

Meakins, J. & Riewi Stevenson, K. (2023). *Soft Boundaries II*. Knitting Beyond the Body exhibition. Kent State University.

### CONFERENCE PRESENTATIONS

Meakins, J. (2023). *Why Knit: Digital Machine Knitting in Interior Design*. IDEC East Region, Boston, MA.

### GRANTS AND FUNDING

Meakins, J. (2024). SoftLab Implementation: Media Kit Development to Support Multi-Disciplinary use of Digital Knitting Equipment, CURATE Research Support Program. \$3,000.

Gale, A., Turner, H., Toomes, D., Meakins, J. (2024) Immersive Recycling: The Merging of Art and Audits to Encourage Behavioral Change. IDEC Special Projects Grant. \$3,000

## JONATHAN MILLS

### GRANTS AND FUNDING

Eade, A. & Mills, J. (2023). CVG - Cincinnati/Northern Kentucky International Airport - for support of Design Research Studio and forthcoming exhibit. \$5,000.

Mills, J., (2023). Integrating Product Design and Biomedical Engineering into I&E Ecosystem at UK: Expanding Impact of Human-Centered Innovations. VentureWell Course + Program Grant, \$14,000.

## SK O'BRIEN

### GRANTS AND FUNDING

O'Brien, SK (2023). Manufacturing and Design in Kentucky - Phase 2. CURATE Research Support Program, \$1,193.

O'Brien, SK (2023). Documenting Change: Creating a Visitor Experience Documenting the Adaptive Reuse of the Reynolds/Gray Building, Phase II. University of Kentucky, Sustainability Challenge Grant, \$49,818.

O'Brien, SK (2023). Product Design – Active Seating Pods. Herman Lee + Nell Stuart Donovan Trust, \$8,147.

Dewhirst, H. & O'Brien, SK (2023). Softgoods Laboratory Digital Knitting Equipment. OVRP – Research Equipment Competition, \$99,676.

## REBEKAH RADTKE

### AWARDS

Fulbright Specialist Award: Awarded to connect with host institutions abroad to share expertise and strengthen institutional linkages connected to Global x Appalachia partnership development.

### BOOK CHAPTERS

Radtke, R. (2024). *The Laneway*. Interior Urbanism Theory Reader.

Hicks, T. (2023). *Case Study 8.4*. Community Engaged Interior Design.

Radtke, R. (2023). *Urbanism through the Lens of Interiority and Heterotopia*. In The Interior Urbanism Reader. Gregory Marinic, ed. Routledge.

Marinic, G., Radtke, R. & Luhan, G.A. (2023). *Critical Spatial Practices: A Transscalar Study of Chinese Hutongs and American Alleyways*. About Streets.

### CONFERENCE PRESENTATIONS

Radtke, R. (2024). *Global x Appalachia: Shaping Equitable and Resilient Communities in Post-Mining Territories*. Peer reviewed presentation at the 8th International Network of Tropical Architecture (iNTA) Climate Justice and Resilience: An Interdisciplinary Dialogue in Mumbai, India.

Radtke, R., Yi, P., Drenogllava, E., Bexheti, E., Handanovic, D. (2024). *Global Crosscurrents in Urban and Rural Equity*. Peer reviewed panel presentation at the 2024 International Conference on Urban Affairs in New York City, NY.

Radtke, R., Gale, A., Pearson, M., Duffey, M. (2024). *Artificial Intelligence and Interior Design Education: Ethics, Insights, Applications, and the Inevitable*.

Peer reviewed presentation at the Annual Interior Design Educators Council National Meeting in New York City, NY.

Fugate, J., Radtke, R., Sturlaugson, B., & Campbell, B. (2024). *Climate Resilience through Community Resilience: A Model for Engaged Design from Coal Country*. Peer reviewed presentation at the ACSA Annual Meeting: Disrupters at the Edge in Vancouver, BC.

Mantooth, R., Pasalar, C., & Radtke, R. (2023). *Towards an Equitable Built Learning Environment: Exploring Informal Learning Space Design*. EDRA 54. Mexico City, MX.

Radtke, R., Fugate, J. (2023). *Inclusive Design for Climate Resiliency*. EDRA 54 - Environment and Health: Global / Local Challenges and Actions. Mexico City, MX.

### EXHIBITIONS

Dewhirst, H., Fugate, J., Radtke, R., Sturlaugson, B. (2023). *Studio Appalachia: Climate Resilience Through Community Resilience*. Appalachian Big Ideas Festival. Hazard, KY.

### GRANTS AND FUNDING

Radtke, R., Fugate, J. & Campbell, B. (2023). Global x Appalachia. UK Emerging Themes for Research. \$300,000.

Radtke, R. (2023) Pixel, Thread, Weave. CURATE Research Support Program. \$3,113.

Radtke, R. & Fugate, J. (2023). Studio Appalachia: Global Post-Mining Network Collaborative Research Initiative. UK Energy Research Priority Area, \$49,998.

## GARY ROHRBACHER

### PUBLICATIONS - CITATION/INTERVIEW

Filson, A. & Rohrbacher, G. (2023). *Nothing Like Compilation: How Professional Digital Fabrication Workflows Go Beyond Extruding, Milling, and Machines* -- Hirsch, Peek, et al. May 2023, ACM Transactions on Computer-Human Interaction.

### EXHIBITIONS

Filson, A. & Rohrbacher, G. (Forthcoming, July 2024). *Toolpath Panels*. Center for Machine Arts, Peekskill, NY.

Filson, A. & Rohrbacher, G. (Forthcoming, Fall 2024 / Spring 2025). *Paths Crossed*. Republic Building Gallery, Indiana University; 21c, Louisville.

### GRANTS AND FUNDING

Filson, A. & Rohrbacher, G. (2024). Bantam Tools "Virtual Residency" received in-kind gift of their new Nexdraw drawing machine; industrial support from Autodesk and Stepcraft.

Filson, A. & Rohrbacher, G. (2023). Indiana University Collaborative Research Grant.

Rohrbacher, G., Andrews, R., Filson, A., Hampson, S. & Taulbee, D. (2023) Kentucky Research Consortium for Energy and Environment (KRCEE): Virtual Museum Project for CoD.

Andrews, R., Filson, A., Fryar, A., Hampson, S., Ormsbee, L., Price, S., Rohrbacher, G., Taulbee, D., Wang, Z., Woolery, E., Zhu, J. & Taulbee, D. (2023). US Dept of Energy via Kentucky Research Consortium for Energy and Environment (KRCEE). Grant for 3D visualizations of remediation progress at the Paducah Gaseous Diffusion Plant.

#### INVITED LECTURES

Filson, A. & Rohrbacher, G. (2024). *Surplus Value*. Wentworth Institute of Technology.

### INGRID SCHMIDT

#### CONFERENCE PRESENTATIONS

Schmidt, I & Dewhirst, H. (2024) *"Bias: Textile, Color, and Ornament in Contemporary Interiors."* IDEC National Conference, NYC, New York.

Schmidt, I. (2023) *"Material Matters: Thinking through Making in Teaching and Practice."* IDEC Regional East, Boston MA.

### JASON SCROGGIN

#### CONFERENCE PRESENTATIONS

Scroggin, J. (2024). *Big Blue Bench: Designing and Building with Plastic Waste*. ACSA 112th Annual Meeting: Disrupters on the Edge. Vancouver, BC.

#### EXHIBITIONS

Scroggin, J. (2023). *Fabricating Play*. Armstrong Gallery, Kent State University College of Architecture & Environmental Design. Kent, OH.

#### GRANTS AND FUNDING

Scroggin, J. (2023). Fabricating Play Manuscript. CURATE Research Support Program. \$3,000.

#### INVITED LECTURES

Scroggin, J. (2023). *Fabricating Play*. Kent State University College of Architecture & Environmental Design. Kent, OH.

### REGINA SUMMERS

#### GRANTS AND FUNDING

Summers, R. (2023). Glowforge Pro Laser Cutters. OVPR Research Equipment Competition, \$17,780.

### MARTIN SUMMERS

#### BOOK CHAPTER

Summers, M. (2023). An Essay. *There is a Glitch in the Chimera*. In A Purple Architecture: Design in the Age of the Physical-Virtual Continuum. Carnegie Mellon University ETC Press.

### LIZ SWANSON

#### PUBLICATIONS

Swanson, L. (2024). *"Red Square"* Essay selected for inclusion in the forthcoming book, Extraordinary Experiences of Architecture. Stories of our most profound encounters with buildings and places, by Julio Bermudez. (forthcoming). Publication in Spring 2025.

#### CONFERENCE PRESENTATIONS

Swanson, L. (2024). *"The Artifact and the Image as Code"* Presentation & Paper at the 16th Annual International Conference on the Image. The University of Salford, Manchester, England. Forthcoming, September 2025.

Swanson, L. (2024). *"Design-Thinking Strategies for Increasing Student Engagement"* Presentation & Workshop submitted to 2024 Pedagogicon, hosted by The Kentucky Council on Postsecondary Education and the Faculty Center for Teaching & Learning at Eastern Kentucky University. Richmond, Kentucky.

### HELEN TURNER

#### GRANTS AND FUNDING

Gale, A., Turner, H., Toomes, D., Meakins, J. (2024) Immersive Recycling: The Merging of Art and Audits to Encourage Behavioral Change. IDEC Special Projects Grant. \$3,000.

### DANIEL VIVIAN

#### CONFERENCE PRESENTATIONS

Vivian, D. (2023). *Modern Architecture Below the Mason-Dixon Line*, co-organizer and co-chair of session at annual meeting of the Society of Architectural Historians, Montreal, Canada.

#### GRANTS AND FUNDING

Jung, Y. & Vivian, D. (2023). "Whose History Are We Preserving?: Mapping the Gaps of the National Register of Historic Places from Racial and Ethnic Historical Perspectives." National Endowment for the Humanities grant, \$74,999 (Federal Award number PR-290105-23).

# STUDENT RESEARCH

## COLLEGE OF DESIGN RESEARCH FELLOWS

### 2023

Audrey Alford  
Emily Brown  
Joseph Cox  
Mason Gohde  
Danica Hak  
Tice Hannemann  
Lucas de Lima  
Pasha Mohaghegh  
Katie Mushkin  
Megan Quish  
Chase Richardson  
Harley Saylor  
Shamim Shariar  
Sarah Ward  
Lauren Young

### 2024

Sarah Barbosa  
Zahra Hajibabaei  
Natalie Haley  
Austin Hirtzel  
Ning Lun  
Mariana Mesa Castillo  
Mehrad Naghizadeh  
Brayden Nichols  
KayDee Pratt  
Anna Quarles  
Fatima Samman  
Jackson Skeeters

## MASTER'S THESES

### ARCHITECTURE

**Daniela Boger**, Domestic Violence Recovery Center. Thesis Chair: Aanya Chugh. 2024 Award for Outstanding Masters Project.

**Putri Augustarani**, Market Hall for all. Thesis Chair: Leen Katrib.

**Kay Bailey**, OK: Model. Thesis Chair: Hannah Dewhirst.

**Will Barker**. Thesis Chair: Bruce Swetnam.

**Jackson Carnes**, Psychedelic Wellness Architecture. Thesis Chair: Gary Rohrbacher.

**Moran Justice**, Barn of the Future. Thesis Chair: Gary Rohrbacher.

**Colin Kaiser**, Innovative Arrival. Thesis Chair: Jeff Fugate.

**Nicole Kline**, Disaster Debris: An Exhibition. Thesis Chair: Leen Katrib.

**Meghan Luecht**, Community Campus System for Adults with a Developmental Disability. Thesis Chair: Aanya Chugh.

**Janette Marmo**, UniverCities. Thesis Chair: Jeff Fugate.

**Ismael Meyer-Varela**, Automated Transit Centers for Small Communities. Thesis Chair: Angus Eade.

**Zach McFall**, The Carbon Museum. Thesis Chair: Maynard Leon.

**Sydney Parmelee**, Blue Wellness. Thesis Chair: Mark O'Bryan.

**Bryan Ramirez**, Discarded Garments to Architecture. Thesis Chair: Mike McKay.

**Heather Reeves**, Designing for Diverse Minds. Thesis Chair, Gary Rohrbacher.

**Gabriella Rivera**, The Micro Montessori Network. Thesis Chair, Maynard Leon.

**Juan Rubiano**, Building Community. Thesis Chair: Mike McKay.

**Brandon Sarrett**, Sustainable Building. Thesis Chair: Bruce Swetnam.

**Kayla Spies**, Transforming Urban Void. Thesis Chair: Gary Rohrbacher.

**Morgan Wesley**, Community Patchwork Project. Thesis Chair: Seda Kayim.

**Emily White**, The Growing Home for Generations. Thesis Chair: Mark O'Bryan.

## HISTORIC PRESERVATION

**Logan Benton**, The Hill: Lexington, Kentucky's Designated District for Prostitution, 1885-1917. Thesis Chair: Julie Riesenweber.

**Evan Christodoulou**, McConnell Springs: An Examination of Current Interpretive Practices and How Inclusive History May Be Approached. Thesis Chair: Julie Riesenweber.

**Ellie Cook**, Chiseled in Stone: The Work of Italian Stone Masons and Their Significance in Eastern Kentucky: A Historic Context and Practicum. Thesis Chair: Julie Riesenweber.

**Heather Doerge**, Vestiges of Richard Allen's Landscape: A Cultural Landscape Report. Thesis Chair: Doug Appler.

**Jack Galle**, Feasibility Assessment of Waverly Hills Sanatorium, Louisville, Kentucky. Thesis Chair: Doug Appler.

**Hannah Kopf**, Interpreting an Atrocity: The November 1864 Expulsion at Camp Nelson. Thesis Chair: Dan Vivian.

**Nan Wakefield**, Freedom and the Cold War: The Berlin Wall as Liberation Metaphor in Cincinnati. Thesis Chair: Dan Vivian.

**Aimee Watson**, Adaptive Reuse of Mid-Century Motels for Affordable Housing and Sustainability. Thesis Chair: Doug Appler.

## INTERIORS

**Zahra Daneshvar**, Projecting a Memory: Visual Storytelling as a way of Managing Stress in a Health Context. Thesis Chair: Lindsey Fay.

**Rosemary Harms**, A study of Sensory Design through Material Exploration, Thesis Chair: Hannah Dewhirst.

**Yasmin Mohamed**, Walls Talk. Investigating the Use of Storytelling as a Tool for Adaptive Reuse and Experience Design. Thesis Chair: Helen Turner.

**Peiwen Qin**, Coliving for Migrants. Thesis Chair: Helen Turner.

Students at the National Conference of Undergraduate Research in Long Beach, CA.



## NATIONAL CONFERENCE OF UNDERGRADUATE RESEARCH (NCUR)

College of Design students from the School of Architecture and Department of Product Design participated in the National Conference of Undergraduate Research in Long Beach, CA April 8-10. Travel funding to the conference was supported by the College of Design Office of Research and the UK Office of Undergraduate Studies.

**Mariana Mesa Castillo**, Excavating Campus Expansions. Mentor: Leen Katrib.

**Katie Mushkin**, Aesthetic Attachments for Infant Cranial Orthotics. Mentor: Pooya Mohaghegh.

**Caden Worley**, Eating Disorder Development in College Students. Mentors: Jon Mills, SK O'Brien.

**Mason Gohde**, Sensorially Accessible Design for Neurodivergence. Mentor: SK O'Brien.

## UK LIBRARIES DEAN'S AWARD FOR EXCELLENCE IN UNDERGRADUATE SCHOLARSHIP

### 2024

**Megan Quish**, an Architecture student, was selected as a recipient of the UK Libraries Dean's Award for Excellence for her project, "A House for Aging and Home for Community". The award was selected for the media project/digital methodologies category. Award Amount: \$1,000. Mentor: Dan Vivian.

## CURE COMMONWEALTH UNDERGRADUATE RESEARCH EXPERIENCE FELLOWSHIP

### 2023

**Mariana Mesa Castillo**, an Architecture student, was selected as a recipient of the CURE Fellowship for her project "Excavating Campus Expansions" Award Amount: \$5,000. Mentor: Leen Katrib.

### 2024

**Gabriel Portugal**, a Product Design student, was selected as a recipient of the CURE Fellowship for his project, "Development of a Privacy Product for Centro de Salud Hombro a Hombro Short-Term Missions in Ecuador." Award Amount: \$5,000. Mentor: Aanya Chugh.

## SUMMER SUSTAINABILITY FELLOWSHIP

### 2023

**Kyle Heffernan**, a Product Design student, was selected as a recipient of the Sustainability Summer Research Fellowship for his project "Designing a Receptacle for Scrap Material." Mentor: Pooya Mohaghegh.

## SHOWCASE OF UNDERGRADUATE RESEARCH SCHOLARS

**Audrey Alford**, Engaging Children in Generative Environments: Social & Emotional Responses.

**Sarah Barbosa**, Exploring the Role of Codes and Standards in Legitimizing Interior Design as a Profession.

**Emily Brown**, Organic By Design.

**Joseph Cox**, The Fruits of our Labor.

**Mason Gohde**, Design in Everyday Life.

**Danica Hak**, RESONANCE: The Interdisciplinary Design Process and Site Specific Work in an Iterative Lens.

**Tice Hannemann**, Propagating Digitality: Tools for The Neural Future.

**Kyle Heffernan**, Storage Solutions for Sustainable Materials in the College of Design.

**Mariana Mesa Castillo**, Excavating Campus Expansions.

**Amir Pasha Mohaghegh**, Hackable Desks for the New Design Building.

**Katelyn Mushkin**, Aesthetic Attachments for Infant Cranial Orthotics.

**Brayden Nichols**, Exploring Patient Response to Built Environment in Healthcare Settings.

**KayDee Pratt**, Exploring Product Comparison: Physical Models versus In Virtual Reality Environments.

**Harley Saylor**, Augmenting Pence: Explorations of Augmented Reality and its Role in Architectural Representation.

**Shamim Shariar**, Breaking Down the Barriers of Entry in Architecture with Blender.





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