

CATIE NEWELL

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Catie Newell creates works that amplify what is both precious and fleeting in the world around us. As the founding principal of the architecture and research practice Alibi Studio, and Professor of Architecture at University of Michigan's Taubman College, Newell's research and creative practice has been widely recognized for exploring design construction and materiality in relationship to location and geography. The work ranges in scale from buildings to products and explores the world most deeply with material systems and optical captures. Alibi Studio deploys material systems, illumination and darkness, and novel modes of occupation, all created through rigorous prototyping and custom fabrication tools. The process of fabrication is a vital act in the work, often amplifying material effects and situational influences, intertwining the processes of making and design across the entire project. Her work has been shown in secret venues in Detroit, in the Arsenale of the Venice Biennale, in night-sensitive museum solo shows, and in the landscape of rural Michigan. Newell is a MacDowell Fellow, a Kresge Artist Fellow, a WOJR/Civitella Fellow, and a Fellow of the American Academy in Rome.

EDUCATION

- 2003-2006 Rice School of Architecture
Master of Architecture, with Honors
- 1998-2003 Georgia Tech
Bachelor of Science, Architecture with Highest Honors
Dave C. Garrett President's Scholar

ACADEMIC APPOINTMENTS

University of Michigan, Taubman College of Architecture and Urban Planning

- 2024 - Professor of Architecture
- 2017- 2024 Associate Professor of Architecture
- 2016-2021 Director, Master of Science in Architectural Design Research; Digital and Material Technologies
- 2011-2017 Assistant Professor of Architecture
- 2010-2011 Lecturer
- 2009-2010 Oberdick Fellow

Massachusetts Institute of Technology

- 2021 Visiting Associate Professor of Architecture

HONORS AND AWARDS

- 2024 MacDowell Fellowship, Cathrine Boettcher named Fellowship for 2024
- 2024 Artist in Residence at The Studio, Corning Museum of Glass
- 2024 FabLab Artist in Residence, Haystack Mountain School
- 2020 WOJR/Civitella Ranieri Architecture Prize
- 2019 ACADIA Innovative Academic Program Award of Excellence (Director)
- 2018 Innovation Resident, Autodesk Pier9
- 2017 Kresge Artist Fellow
- 2017 Urban Edge Award
- 2016-2018 Lucas Fellow, Montalvo Arts Center, Saratoga, CA

2014 Fellow, American Academy in Rome
 2013-2014 Cynthia Hazen Polsky and Leon Polsky Rome Prize in Architecture. *Involving Darkness*
 2011 Best Use of Urban Space, ArtPrize, Grand Rapids, MI. *Salvaged Landscape*
 2011 Architectural League Prize for Young Architects and Designers, Architectural League of New York
 2009-2010 Willard A. Oberdick Fellow, University of Michigan Taubman College of Architecture and Urban Planning
 2006-2007 SOM Prize for Architecture, Design, and Urban Design (Inaugural Fellow). *Weather Permitting*

PROFESSIONAL EXPERIENCE

2010-present Alibi Studio, LLC
 Architecture and Material Research
 Founding Principal
 Detroit, MI
www.alibistudio.com

2006-2009 office dA
 Project Designer, Project Coordinator
 Boston, MA

PROFESSIONAL LICENSURE

2015-present Licensed Architect in the State of Michigan
 License # 1301063318
 NCARB Certification

CREATIVE WORK

Solo Exhibitions (invited)

2021 *Lune: Borrowed Light*, Civitella Ranieri, Umbria, Italy

2019 *Secret Sky*, Hume, MI

2018 *Nightly*, Halsted Gallery, Birmingham, MI
Dead Wire, Birmingham Bloomfield Art Center, Birmingham, MI

2017 *Midnight*, Tin Sheds Gallery, Sydney, Australia

2016 *Catie Newell: Overnight*, University of Michigan Museum of Art, Ann Arbor, MI

2014 *After Curfew*, Stubbins Gallery, Atlanta, GA

2011 *Second Story*, Extension Gallery, Chicago, IL
Salvaged Landscape, Lefty, Detroit, MI

Group Exhibitions (invited)

2025 *Long Range*, Sound of Space, Bartlett School of Architecture, London, United Kingdom
East Elevation, Drawing Codes, University of Houston, Houston, TX
East Elevation, Drawing Codes, Tulane University, New Orleans, LA

2024 *Light Forms*, Next in Glass, Glass Technology Live, Glasstec 2024, Düsseldorf, Germany
Climate Futures, University of Michigan, Ann Arbor, MI

2023 *Mourning*, Stop Making Sense Plus One, Janice Charach, West Bloomfield, MI

- 2022 *Long Range*, Next in Glass, Glass Technology Live, Glasstec 2022, Düsseldorf, Germany
Saving the Barn: Secret Sky, Ciné Archi, Annecy, France
Exhale, Michigan Regional Glass, Janice Charach Gallery, Detroit, MI
Color Depth, Stop Making Sense, College for Creative Studies, Detroit, MI
Long Range, On Air, Faculty Exhibition, Ann Arbor, MI
- 2021 *Secret Sky*, Summer Exhibition Royal Academy of Arts, London, UK
- 2019 *Eclipse*, "Intersections," Momentum 2019 Glass Innovation, Toledo, OH
Unlit, "Parallel Visions," Wasserman Projects, Detroit, MI
East Elevation, "Drawing Codes," Cooper Union, UVA, University of Miami, University of Washington College of Built Environments, California College of the Arts
Dark Heart, "Reject: Architectural Drawings and Their Stories," Banvard Gallery, OSU, Columbus, OH
- 2016 *345 Franklin*, "Everything is Transformed, SiTE:LAB," Grand Rapids, MI (with Ian Strange)
Avialae, ACADIA 2016 Exhibition of Glass Catenary Slumping (with Wes McGee)
Diptych, The Scent of Rain on Dry Earth, Detroit Artists Market
Glass Cast, *Avialae*, *Specimen*, Productions: Objects, Surfaces and Atmospheres, The University of Texas at Austin School of Architecture's Mebane Gallery (with Wes McGee)
- 2015 *Dead Wire*, Lille3000: Renaissance, Lille, France
Avialae, Lille300. Renaissance, Lille, France, (with Wes McGee and Aaron Willette)
Double Hung, Architectural League of New York 2015 Beaux Arts Ball
- 2014 *Trespass*, "Open Studios," American Academy in Rome
Involving Darkness, "Open Studios," American Academy in Rome
Darksome, "Maniphesta: Rome is Still Burning," Tiber River Passage, Rome, Italy
Dark Patch, "Spazio Aperti," Romanian Academy, Rome, Italy
Curfew, *Nightly*, "Cinque Mostre: Concrete Ghosts," American Academy in Rome
Across, *Below*, "Cinque Mostre: History Recast," American Academy in Rome
Found Realities, "Cinque Mostre: Found Realities," American Academy in Rome (with Peter Bognanni and Thomas Kelley)
- 2013 *Displace*, *Semblance*, "The Not Yet, SiTE:LAB," Grand Rapids, MI (with Wes McGee)
- 2012 *Unlit*, "13178 Moran Street: Grounds for Detroit," Venice Architecture Biennale, Venice, Italy
Diptych, "Detroit: USA: Material, Site, Narrative," School of the Art Institute of Chicago Sullivan Galleries, Chicago, IL
Specimen, "The Dream Before, SiTE:LAB," Grand Rapids, MI (with Wes McGee)
Holloware, "Creative Rights: In Progress Show" Ann Arbor, MI (with Wes McGee)
Domestic Documentation: Salvaged Landscape, "Proportional Scale," Butter Projects, Royal Oak, MI
Diffused Globes, *Siege Glassware*, "Siege Dinner at MOCAD," Detroit, MI (with Wes McGee)
Glass Cast, "Research Through Making," Liberty Research Annex, Ann Arbor, MI (with Wes McGee)
Once Residences, "Installed," Taubman College Gallery, Ann Arbor, MI
Diptych, "City of Pieces: Work Gallery," Detroit, MI

- 2011 *Salvaging*, "ReWork," Re|gallery, Dallas, TX
Domestic Documentation, "Make It Work: Creativity in the Great Recession," SoVA Projects Gallery, Windsor, ON
- 2010 *Weatherizing*, "FIVE FELLOWS: FULL SCALE 13178 Moran Street," Detroit, MI
FIVE FELLOWS: FULL SCALE, Taubman College Gallery, Ann Arbor, MI

Group Exhibitions (juried)

- 2017 *String Section*, "Research Through Making," Liberty Research Annex, Ann Arbor, MI (with John Granzow and Kim Harty)
- 2015 *Second Story*, Bigger than Breadbox, Boston Society of Architects
- 2014 *Displace*, "Research Through Making," Liberty Research Annex, Ann Arbor, MI (with Wes McGee)
City of Nights, "Research Through Making," Liberty Research Annex, Ann Arbor, MI (with Karl Daubmann and Osman Khan)
- 2012 *Glass Cast*, "Research Through Making," Liberty Research Annex, Ann Arbor, MI (with Wes McGee)
Tongue Table, "Renailed Detroit," Detroit, MI (with Joe Proper)
- 2011 *Salvaged Landscape*, "ArtPrize Show," Grand Rapids Museum of Art, Grand Rapids, MI
Diptych, "Architectural League Prize: It's Different," Parsons New School Gallery, New York, NY

Exhibition Design

- 2023 *Uncle's House* for Sydney James: *Girl Raised in Detroit*, MOCAD Detroit, MI
- 2014 *After Curfew*. Stubbins Gallery, Atlanta, GA (solo exhibition)
Found Realities. "Cinque Mostre," American Academy in Rome (with Peter Bognanni and Thomas Kelley)
- 2012-2013 *Suspended: Photography by Catie Newell*. Workspring Gallery, Chicago, IL
- 2012 *13178 Moran Street: Grounds for Detroit*. 2012 Venice Biennale, Venice, Italy (with Ellie Abrons, Adam Fure, James Graham, Meredith Miller, Thom Moran, Troy Schaum, Rosalyne Shieh).
- 2012 *Cross-Plotting: Detroit to Windsor*. Civic Space: Broken City Lab, Windsor, ON (work of PLOT Thesis Studio).
- 2011-2012 *Research Through Making 2011-2012*, Liberty Research Annex, Ann Arbor, MI Faculty coordinator and designer for annual show of five research installations.

Design Competitions

- 2022 *Big Space*, Fogo Island Arts, New Foundland, Canada. (Invited shortlist)
- 2016 *Signal A*, Viaduct RailPark Percent for Art Commission for permanent installation, Philadelphia, PA (Open Competition, Finalist)
- 2015 *Catskill Incubator*, American Dance Institute building renovation, Hudson Valley, NY (with Kane Architecture, Open Call, Finalist)
- 2014 *Dark Heart*, Times Square Valentine's Day Heart temporary installation, New York, NY (Invited Shortlist)

Project Awards

- 2023 Best Project Award, Archilovers [Secret Sky]
- 2022 Architizer A+Awards, Architecture+Light, Jury Award winner [Secret Sky]
R+D Architect Magazine, winner [Long Range]
- 2021 *Secret Sky*, Azure AZ Awards, Award of Merit
Secret Sky, Azure AZ Awards, People's Choice: Temporary and Experimental Installations
Secret Sky, Dezeen Awards, shortlist

PUBLICATIONS

Book Chapters

- 2023 Newell, Catie. "Material Lives," *Imaginaries on Matter – Tools, Materials, Origins*, ed. Thomas Bo Jensen, Carolina Dayer, Jonathan Foote (AADR – Art Architecture Design Research, 2023), 199-208.
- 2020 Newell, Catie. "This Time: The Vanishing Work of Alibi Studio," *Waste Matters*, ed. Nikole Bouchard (Routledge, 2020), 64-73.
- 2019 Newell, Catie. "Whereabouts." *Non-Standard Architectural Productions: Between Aesthetic Experience and Social Action*, ed. Sandra Loschke (Routledge, 2019), 221-234.
- 2012 Newell, Catie. "Catie Newell." *Young Architects: 13. It's Different. Architectural League Prize for Young Architects and Designers* (Princeton Architectural Press, 2012), 24-31.

Invited Articles

- 2025 Belanger, Zackery, Catie Newell, Wes McGee, "Embracing subtlety: Reflections on an acoustic surface of glass." *The Routledge Companion to the Sound of Space*, ed. Emma-Kate Matthews, Jane Burry, Mark Burry (Routledge 2025), 98-106.
- 2024 Newell, Catie, "East Elevation." *Drawing Codes: Experimental Protocols of Architectural Representation*, ed. Andrew Kudless, Adam Marcus (AR+D Publishing 2024), 243-244.
- 2019 Newell, Catie, "Nightly." *Experimental Architecture*, ed. Rachel Armstrong (Routledge, 2019), 86-87.
- 2013 Newell, Catie, "Extenuating Circumstance: Salvaged Landscape." *Architectural Design*, 226, issue on: "Architecture of Transgression," (November/December 2013); 20-45.
- 2010 Abrons, Ellie, Meredith Miller, Thom Moran, Catie Newell, and Rosalyne Shieh, "Five Fellows: Full Disclosure." *Pidgin 9* (Princeton University School of Architecture, 2010), 98-113.

Peer-Reviewed Articles

- 2022 Newell, C., Belanger, Z. & McGee, W. Shaping Glass for Acoustic Performance. *Glass Structures & Engineering* 7, 253–265 (2022). <https://doi.org/10.1007/s40940-022-00187-9>
- 2016 Newell, Catie, "Salvaged Landscape" *Bracket 3: At Extremes* (Actar, 2016), 153-158.

Conference Proceedings

- 2024 Newell, Catie, Alli Hoag, "Light Forms: Modular Variation, Structure, Pattern," *Challenging Glass*, Volume 9, ed. Christian Louter, Freek Bos, Jan Belis. 2024

LONG RANGE: Intrinsic Acoustic Performance, Catie Newell, Wes McGee, Zackery Belanger, *FABRICATE 2024, Creating Resourceful Futures*. ed. Phil Ayres, Mette Ramsgaard Thomsen, Bob Sheil, Marilena Skavara. 72-79

- 2022 Newell, Catie, Zackery Belanger, Wes McGee, "Shaping Glass for Acoustic Performance," *Challenging Glass*, Volume 8, 2022.
- Newell, Catie, Ryan Craney, "Color Depth," *Challenging Glass*, Volume 8, 2022.
- Newell, Catie, Zacker Belanger, Wes McGee, "Long Range. Shaping Glass for Acoustic and Optic Performance," *ACADIA 2022: Hybrids and Haecceities; project proceeding of the 42nd annual conference of the Association for Computer Aided Design in Architecture, ACADIA*.
- 2020 Newell, Catie, Zackery Belanger, Wes McGee and Misri Patel, "Unknowing," *ACADIA 2020: Distributed Proximities; proceeding of the 40th annual conference of the Association for Computer Aided Design in Architecture, ACADIA*. (virtual October 2020, print version forthcoming). Acoustic Thermoforming in Glass
- 2019 Newell, Catie, "The Dexterity of Making," *ACADIA 2019: Uquity and Automony: proceeding of the 39th annual conference of the Association for Computer Aided Design in Architecture, ACADIA*. (Austin, TX: ACADIA, 2019), *Invited Article for Innovative Academic Program Award of Excellence*.
- 2018 Belanger, Zack, Wes McGee and Catie Newell, "Slumped Glass: Auxetic and Acoustics." *ACADIA 2018: Recalibration: On Imprecision and Infidelity: proceedings of the 38th annual conference of the Association for Computer Aided Design in Architecture, ACADIA*, eds. Phillip Anazlone, Marcella del Signore, Andrew Jon Wit (Mexico City: ACADIA, 2018), 244-249.
- 2017 Granzow, John, Catie Newell and Kim Harty, "String Section." *Association for Computer Aided Design in Architecture, 2017 Projects Proceedings*, 150-155.
- 2016 McGee Wes, Cate Newell and Aaron Willette, "Investigations in Free From Glass Slumping." *Association for Computer Aided Design in Architecture, 2016 Projects Proceedings*, 72-75.
- 2015 Newell, Catie, and Brandon Weiner, "Unexpected Definitions: Practicing with a City," in *ACSA 2015: Expanding the Periphery and the Migrating Center*, 103rd ACSA Annual Meeting Proceedings, eds. Lola Sheppard and David Ruy (Washington DC: ACSA Press, Washington), 84-93.
- 2013 Ahlquist, Sean, Catie Newell, Geoff Thun, and Kathy Velikov, "Toward a Pedagogy of Material Systems Research," in *2013 TxA Interactive Conference Proceedings*, ed. Kory Bieg (Texas Society of Architects, 2013), 22-33.
- 2012 McGee, Wes, Catie Newell, and Aaron Willette, "Glass Casts, A Reconfigurable Tooling System for Free-form Glass Manufacturing," *ACADIA 2012: Synthetic Digital Ecologies: proceedings of the 32nd annual conference of the Association for Computer Aided Design in Architecture, ACADIA*, eds. Jason Kelly Johnson, Mark Cabrinha, and Kyle Steinfeld (New York: ACADIA, 2012), 47-49.
- 2010 Abrons, Ellie, Meredith Miller, Thom Moran, Catie Newell, and Rosalyne Shieh, "Five Fellows: A Collaborative Confession," *Proceedings of the ACSA West Central Fall Conference "Flip Your Field"* (ACSA, 2010), 181-186.

Work Cited

- 2023 José María Faerna "Catie Newell," *Room Disena*, 40 (July, 2023). [profile].
José María Faerna "Secret Sky, Alibi Studio E.E.U.U," *Room Disena*, 38 (February, 2023). [Secret Sky]
- 2022 "Long Range Glass," *Architect Magazine*, 2022 R+D Awards (2022) pg 64-65. [Long Range].
Joshua Huff, "Sounding Off, Re-Shaping Glass for Acoustic Performance," *USGlass Magazine* (2022) pg 11-13. [Long Range].
- 2021 Jan Cigliano Hartman, editor, "Catie Newell," *The Women Who Changed Architecture*, Princeton Architectural Press (2021) pg 314-315. [profile].

- 2019 Ryan Patrick Hooper, "In Michigan's Thumb, Detroiters turn decades old barns into art," *The Detroit Free Press* (September 13, 2019) [*Secret Sky*].
- Michael H. Hodges, "Transformed barn dazzles with 'Secret Sky'," *The Detroit News* (September 11, 2019) [*Secret Sky*].
- 2018 Dan B. Jones, "Port Austin becomes the Thumbs Artistic Beacon," *The Detroit News* (August 31, 2018) [*Secret Sky*].
- Michael H. Hodges, "Sculptural Inquires," *The Detroit News* (October 19, 2018) [*Dead Wire*].
- 2016 Mónica Ponce de León. "On Building." *The Building*, ed. José Aragüez (Lars Müller Publisher, 2016), 380-387 [*Salvaged Landscape*].
- Michael Hodges, "Light animates works of Newell, Bravo," *The Detroit News* (June 29, 2016) [*Catie Newell: Overnight*].
- Associated Press, "Exhibition Shows Views of Detroit Before New Street Lights Glow," *The New York Times* (June 9, 2016) [*Catie Newell: Overnight*].
- 2015 Tempe Nakiska, "Catie Newell," *Hero Magazine* (October 2015): 76-77 [*profile and interview*].
- 2014 Julie Pincus and Nichole Christian, "Catie Newell," *Canvas Detroit* (Wayne State University Press, 2014), 2-5 [*As-Built thesis studio, Salvaged Landscape*].
- Julie Pincus and Nichole Christian, "Five Fellows," *Canvas Detroit* (Wayne State University Press, 2014), 35-46 [*Weatherizing*].
- 2013 Elizabeth Evitts Dickinson, "Next Progressives: Out of the Shadows," *Architect Magazine* (October 2013): 84-87 [*profile*].
- Spencer Bailey, "Carte of Darkness," *Surface* (June 2013): 74 [*profile*].
- 2012 Björn Ehrlémark, "Nya perspektiv på trä i Venedig (New Perspective on Wood in Venice)," *Trä* (November 2012): 33 [*Salvaged Landscape*].
- 2011 Adam Bobbette and Jane Hutton, "Agitating Architecture: A Conversation with Catie Newell of Alibi Studio," *Scapegoat* 02 issue on "Materialism" (Winter 2011): 37-38 [*profile*].
- Karrie Jacobs, "One House at a Time," *Metropolis* (October 2011): 54-58 [*Weatherizing*].
- 2010 Ryan LaFollette, "Domestic Intervention," *Architect's Newspaper* (May 2010): 1,10-11 [*Five Fellows: Full Scale*].
- 2009 "Site Amplification," *Everything Must Move*, Luke Bulman and Jessica Young, eds. (Rice University School of Architecture, 2009), 476-477 [*Site Amplification*].
- 2008 Achim Menges and Michael Hensel, "Aggregates," *Architectural Design* vol 78, no 02, "Versatility and Vicissitude" (March/April 2008): 80-87 [*Aggregates*].
- Achim Menges, "Integral Formation and Materialization: Computational Form and Material Gestalt," *Manufacturing Material Effects: Rethinking Design and Making in Architecture*, Branko Kolarevic and Kevin R. Klinger, eds. (Routledge, 2008), 208 [*Aggregates*].

LECTURES AND PUBLIC PRESENTATIONS

Peer-reviewed Conference Presentations

- 2025 "Night Forms," (with Alli Hoag) Darkness Conference 2025, Nuuk, Greenland
- 2024 "Light Forms: Modular Variation, Structure, Pattern," (with Alli Hoag) Challenging Glass 2024, Delft, Netherlands

- "LONG RANGE: Intrinsic Acoustic Performance," (with Zackery Belanger) FABRICATE 2024, Copenhagen, Denmark
- 2022 "Color Depth," Challenging Glass 2022, Ghent, Belgium
"Shaping Glass for Acoustic Performance," Challenging Glass 2022 (with Zackery Belanger), Ghent, Belgium
- 2020 "Unknowing," ACADIA Conference, Distributed Proximities, virtual. (with Zackery Belanger, Wes McGee, and Misri Patel) Acoustic Thermoforming Glass
- 2019 "Chasing Darkness," Darkness Conference, Island Dynamics, Svalbard
"Dark Futures," Anticipation, Oslo, Norway
- 2018 "Slumped Glass: Auxetics and Acoustics," ACADIA Conference, Recalibration: On Impression and Infidelity, Mexico City, CDMX
- 2015 "Unexpected Circumstances," ACSA National Conference, Beyond Patronage, Toronto, ON
- 2012 "Glass Casts: A Reconfigurable Tooling System for Free-form Glass Manufacturing," ACADIA Conference, Synthetic Digital Ecologies, San Francisco, CA (with Wes McGee and Aaron Willette)
- 2011 "Lucent City: Lights Out," Mediated Cities Conference, "Atmospheres," University of Manitoba, Winnipeg, MB
- 2010 "Five Fellows: A Collaborative Confession," ACSA West Central Fall Conference, Flip Your Field, Chicago, IL (with Ellie Abrons, Meredith Miller, Thom Moran, and Rosalyne Shieh).

Invited Lectures

- 2025 "Left Onsite," AIA Cleveland, Women in Architecture, Cleveland, OH
- 2024 "Depth," Corning Museum of Glass, Corning, NY
"Material Moments," Feng Chia University, Taichung, Taiwan
"Redundant Light," Feng Chia University, Taichung, Taiwan
- 2023 "Architecture and Loss," Cooper Union, New York, NY
"Awaiting Light and Darkness," Ball State University, Muncie, IN
"Across Time," Ball State University, Muncie, IN
"Long Stories," Cal Poly, San Luis Obispo, CA
"Material Futures," Carnegie Mellon University, Pittsburgh, PA
"Material Stories," Florida Atlantic University, Fort Lauderdale, FL
- 2022 "Light Forms," International Year of Glass - Glass City Lecture Series, Toledo, OH
"Material Ghosts," University of Tennessee, Knoxville, TN
- 2021 "Material Memory," Keynote, Material Imagination Symposium, Aarhus School of Architecture, Aarhus, Denmark
- 2020 "Catie Newell," Teulo Talks, New Zealand architecture productions and podcasts, moved online
"Darkness, Materials, and other Unphotographable Things," Lawrence Technological University, moved online
"In-House," MIT, moved online
- 2019 "Darkness by Day," Living Architecture Systems Group, LASG Symposium 2019, Toronto, ON
"Here," SculptureX Keynote, Toledo, OH
"Two Nights," Ferris State, Grand Rapids, MI
"Works," University of Wisconsin Madison, Madison, WI
- 2018 "In Conversation," Clemson, South Carolina, joint lecture in conversation with Nader Tehrani
"Day or Night," California College of the Arts, San Francisco, CA
"After Dark," UMass Amherst, MA
"Twilight," San Jose State University, CA

- 2017 "Immaterial," Black Contemporary Farm, Iowa State, Ames, IA
 "Before Midnight," University of Sydney, Sydney Australia
 "This Time," University of Wisconsin, Milwaukee, WI
- 2016 "Glass Confession," Ox-Bow School of Art, Saugatuck, MI
 "On-Site," American University of Sharjah, Sharjah, UAE
- 2015 "In Glass," College for Creative Studies, Detroit, MI
 "Timestamp," Ball State University, Muncie, IN
- 2014 "Surface Tension," Iowa State University, Ames, IA
 "Setting," University of Washington, Seattle, WA
 "After Curfew," Georgia Institute of Technology, Atlanta, GA
 "Substrate," University of Cincinnati School of Architecture and Interior Design, Cincinnati, OH
 "Involving Darkness," American Academy in Rome, Rome, Italy
 "Setting Fire," PhD program, Sapienza Università di Roma: Department of Architecture, Rome, Italy
- 2013 "From Afar," Australian Institute of Architects, Sydney, Australia
 "Tending," Tulane University School of Architecture, Graduate Colloquium: "Humility," New Orleans, LA
 "Whereabouts," City College of New York, Spitzer School of Architecture, New York, NY
 "Elsewhere," Escuela de Arquitectura Universidad Politécnica de Puerto Rico, San Juan, Puerto Rico
- 2012 "More Than Once," School of the Art Institute of Chicago, Chicago, IL
 "Housecraft," Southern Polytechnic State University, School of Architecture, Atlanta, GA
 "Next Door," On-Site Detroit Lecture Series for the School of Art Institute of Chicago, Chicago, IL
 "Once Residences," Art Gallery of Windsor and the University of Windsor School of Visual Arts:
 Alone+Together Lecture Series, Windsor, ON
- 2011 "House Chapter," Extension Gallery, Chicago, IL
 "Alibi Studio: Domestic Interventions," Architectural League Prize for Young Architects and Designers, New York, NY
 "Domestic Obsessions," Madonna University, Livonia, MI
- 2010 "Voluntary Obstacles," University of Michigan, Flint, MI
 "Detroit House," PSFK: Detroit Conference, Detroit, MI (Keynote Speaker)
- 2008 "Weather Permitting," Rice School of Architecture, Houston, TX
 "Swerve," Georgia Tech: 100 Years Celebration of the College of Architecture, Atlanta, GA
 "Walk Away," Georgia Tech President's Scholarship Keynote Address, Atlanta, GA
 "Weather Permitting," SOM Offices: New York, San Francisco, and Chicago (SOM Prize lecture)

Invited Panels

- 2019 "Material Life," *Designing Down the Barrier, Conversations on Technology in the Public Sphere*, USC Architecture Lecture Series Panel, Los Angeles, CA
- 2017 "Material Culture," *The World Is Old, History Is New*, A National Trust PastForward™ Conference Special Event in Partnership with the Chicago Architecture Biennial and the American Academy in Rome.
 "Time Dependent," *Mean Detail Symposium*, Knowlton School of Architecture, OSU, Columbus, OH
- 2016 "Suburban," *Suburban Exhibition Panel Discussion*, Standard Practice, New York, NY
- 2013 "Humility in Architecture," *Graduate Colloquium*, Tulane University, New Orleans, LA
- 2012 "13178 Moran Street: Grounds for Detroit," *PUBLIC Conference*, Taubman College of Architecture and Urban Planning, University of Michigan, Ann Arbor, MI
 "Fantastic Futures," Kent State University, Kent, OH

"Off the Boards," *Whither Installation*, Taubman College of Architecture and Urban Planning [introduction and panel moderator], Ann Arbor, MI

- 2011 "Off the Record," *Defiance: Disobedient Design Panel*, Detroit, MI
 "GRAM Talks," *Art+Architecture Panel*, Grand Rapids Art Museum, Grand Rapids, MI
 "Alt Developments," *Rust Belt to Artist Belt*, Detroit, MI (moderator and presenter)

Invited Radio Interviews

- 2019 "In Michigan's Thumb, Artists Find New Uses for Old Barns," WDET, Detroit's NPR News Station, September 25, 2019
 2016 "Overnight: Catie Newell," NPR, Michigan Public Radio, Stateside. June 8, 2016
 2015 "A Rebel Architype: Catie Newell," Architype Project Podcast by the American Institute of Architecture Students
 2010 "Five Fellows," NPR, Craig Fahle Show, May 4, 2010 (with Ellie Abrons and Rosalyne Shieh)

Television Appearances

- 2020 "In rural Michigan, Detroit artist reimagine the iconic American barn," PBS News Hour, November 18, 2020 [Secret Sky]
 2019 "The Barn Project Port Austin," PBS, *Under the Radar*, September 09, 2019 [Secret Sky]

Expert Series

- 2024 "Light Forms: Modular Variation, Pattern, Structure – Catie Newell & Alli Hoag," *open GLASSroom*, open education source videos, Challenging Glass
 2021 "Catie Newell Expert Series," Teulo Expert Series, 5-part video series

Invited YouTube Channel Interviews

- 2022 "The Architecture and Art of Building Salvage," Architecture with Stewart YouTube Channel

Invited Residencies and Guest Artist

- 2023 Ball State Glick Center for Glass Visiting Artist

PATENTS

- 2023 US20210115664A1 Acoustic Device Thermoforming. McGee, Newell, Belanger

PATENT APPLICATIONS

- 2023 Newell, Catie, Alli Hoag. "Transparent Building Blocks," 2023 utility application 18/128,392
 2022 Newell, Catie, Alli Hoag. "Light Forms," 2022, provisional application
 Newell, Catie, Wesley McGee, Zackery Belanger. "Pane Based Acoustic System," 2022, provisional application
 2020 Newell, Catie, Wesley McGee, Zackery Belanger. "Acoustic Device Thermoforming," 2020, non-provisional patent.

GRANTS

- 2024-ongoing *National Endowment for the Arts Research Lab on Commissioning Public Art Through Community Engagement Arts to improve Health, and Social / Emotional Well-Being by Reducing Youth Firearm Injury*. National Endowments for the Arts, NEA Lab (\$150,000)
- 2024-ongoing *ARIA*, University of Michigan Arts Research: Incubation & Acceleration grant, *Inhabiting Light Alcove*, to be installed in the Nichols Arboretum (\$50,000).
- 2023 *Secret Sky*
Michigan Arts and Culture Council Grant, Michigan Economic Development Corporation, Capital Improvement Grant, with Port Austin Artist and Residence Program (\$19,495)
- 2021-2022 *Light Forms*
Glanz Family Foundation, Bowling Green University collaboration (\$6,000)
Research Catalyst and Innovation Award, Taubman College (\$14,228.50)
Seed Funding, Taubman College (\$5,000)
Lead PI with Alli Hoag (Head of Glass BGSU)
- 2020-2021 *Co-optics; investigating light transfer through glass thickness*
Arts Engine Interdisciplinary Faculty Research Grant Award, University of Michigan (\$3,000)
Lead PI with Arash Adel (Co-PI) and Raj Rao Nadakuditi (Co-PI)
- 2018-2020 *Compressed Light; investigating glass in compression*
Prototyping Tomorrow, Taubman College (\$20,000)
University of Michigan Office of Research, Artistic Productions Grant (\$9,350)
Lead PI
- 2018-2019 *Sensing Algorithms*
Humanities Collaboratory, University of Michigan (\$64,462 development grant, \$280,979 project grant)
Co-PI with Christian Sandvig (PI), Sophia Bueckner (PI), John Granzow and William Calvo-Quiros
- 2017-2022 *Activating Curvature; acoustic thermoformed glass*
Innovation in Glass, Guardian Glass Industries (\$90,000)
Taubman College Seed Funds (\$8500)
Co-Lead PI with Wes McGee and Zackery Belanger
- 2016-2017 *345 Franklin*
University of Michigan Office of Research, Artistic Productions Grant (\$9,950)
Taubman College of Architecture and Urban Planning (\$3,953)
ArtPrize Seed Funding (\$2,000)
Rumsey Street National Endowment for the Arts Contributor Grant (\$2,000)
June 2016-December 2017
- Activating Curvature, glass and acoustics*
Innovation in Glass, Guardian Glass Industries (\$30,000)
May 2016-May 2017
Co-Lead PI with Wes McGee and Zackery Belanger
- Sound Effects*
Research Through Making, Taubman College of Architecture and Urban Planning (\$20,000)
May 2016-March 2017
Co-Lead PI with John Granzow
- Advance Faculty Writing Grant*
University of Michigan (\$1500)
April 2016-November 2016

- 2015-2016 *Darkscapes in Iceland*
 Taubman College of Architecture and Urban Planning Seed Funding (\$4205)
 October 2015-October 2016
 Lead PI
- 2013-2014 *Involving Darkness*
 Office of the Vice President for Research, University of Michigan, Exhibition Grant (\$12,000)
 September 2013-September 2014
 Lead PI
- Displace, glass deformation and optical finishes*
 Research Through Making, Taubman College of Architecture and Urban Planning (\$20,000)
 April 2013-March 2014
 Co-Lead PI with Wes McGee, Brandon Weiner
- City of Nights*
 Research Through Making, Taubman College of Architecture and Urban Planning (\$20,000)
 April 2013-March 2014
 Co-Lead PI with Karl Daubmann, Osman Khan
- 2013 *Workshop and Installation for Research and Learning in Material Computation at the University of Stuttgart*
Institute for Computational Design
 Experimental Learning Fund, University of Michigan (\$9,000)
 Lead PI: Sean Ahlquist, collaborator: Catie Newell
- 2011-2012 *Glass Cast, custom glass kiln slumping*
 Research Through Making, Taubman College of Architecture and Urban Planning (\$20,000)
 Office of the Vice President for Research (\$13,000)
 Co-Lead PI with Wes McGee

VISITING SCHOLAR AND WORKSHOPS

- 2024 Invited Workshop, "Accumulated Light," Feng Chia University, Taichung, Taiwan
- 2023 Artist in Residence and Workshop, "Spatial Light Drawings," Ball State Glass Department, Muncie, IN
- 2019 Peer-Reviewed Workshop, "Sound and Signal," SmartGeometry 2019, Toronto, co-lead with John Granzow
- 2017 Visiting Scholar, "After Glow," In-bound Intensive Studio credit Workshop, University of Sydney, Australia
 Invited Workshop, "RR3" Material | Immaterial Practices" Workshop, Iowa State, Ames, Iowa
 Invited Workshop, "perMUTATION," Advance Fabrication Seminar, Princeton, New Jersey
- 2016 Invited Course, "Glass, Light, Site," Ox-Bow School of Art, Saugatuck, MI, Summer Semester
 Co-instructor with Kim Harty
- 2015 Invited Workshop, "Constriction," College of Creative Studies, Detroit, MI
 Co-instructor with Wes McGee
 Invited Workshop, "Upstairs," Ball State University, intensive installation workshop
- 2014 Invited Seminar, "Horror," Ball State University, Muncie, IN, graduate seminar
- 2013 Invited Workshop, "In Suspension," *Urban Islands Program*, Australian Inter-collegiate workshop on Cockatoo Island, Sydney, Australia

TEACHING

2009-present: University of Michigan Taubman College of Architecture and Urban Planning

2024-2025

Winter 2025 ARCH 707: MS Digital and Material Technologies *Material Engagement*
 ARCH 507: Graduate Seminar: Glow Workshop: *Local Light*

2023-2024

Fall 2023 ARCH 700: MS Digital and Material Technologies *Practicum*
 ARCH 509: Graduate Seminar: Glow Workshop: *Sun Fall*

2022-2023

Summer 2022 ARCH 700: MS Digital and Material Technologies *Practicum*
 ARCH 714: MS Digital and Material Technologies *Proseminar*
 Fall 2022 ARCH 707: Material Engagement

2021-2022

Summer 2021 ARCH 700: MS Digital and Material Technologies *Practicum*
 Winter 2022 ARCH 709: MS Digital and Material Seminar: Advanced Prototyping
 ARCH 509: Graduate Seminar: Glow Workshop: *Moving Light*

2020-2021

Fall 2020 ARCH 700: MS Digital and Material Technologies *Practicum*
 Winter 2020 ARCH 709: MS Digital and Material Seminar: Advanced Prototyping
 ARCH 509: Graduate Seminar: Glow Workshop: *Moving Light*
 Spring 2021 (MIT) 4.154 Option Studio: *IN-HOUSE* with Zain Karsan and Virginia San Fratello

2019-2020

Summer 2019 ARCH 700: MS Digital and Material Technologies *Practicum*
 Winter 2020 ARCH 709: MS Digital and Material Seminar: Advanced Prototyping hosted by University of Michigan Biological Station and in collaboration with below course:
 ARCH 562: MArch Studio: Propositions: *Lone Light*

2018-2019

Summer 2018 ARCH 700: MS Digital and Material Technologies *Practicum*
 Fall 2018 ARCH 509: Graduate Seminar, *GLOW Workshop: Remote Light*
 Winter 2019 ARCH 709: MS and MArch Seminar: Advanced Prototyping co-taught with David Adjaye

2017-2018

Summer 2017 ARCH 714: Masters of Science, *ProSeminar*

2016-2017

Summer 2016 ARCH 700: Masters of Science in Material Systems, *Practicum*
 Winter 2017 ARCH 739: Masters of Science in Material Systems, *Capstone*
 Winter 2017 ARCH 509: Graduate Seminar, *Glow Matter*
 Winter 2017 ARCH 211: Undergraduate Seminar, *Digital Drawing*

2015-2016

Summer 2015 ARCH 700: Masters of Science in Material Systems, *Practicum*
 Winter 2016 ARCH 707: Masters of Science in Material Systems Physical Pursuits, *Making. Weather.*

2014-2015

Fall 2014 ARCH 660: Thesis Seminar, *TIMELY*
 Fall 2014 ARCH 509: Graduate Seminar, *GLOW Matter*
 Winter 2015 ARCH 662: Thesis Studio, *TIMELY*
 Winter 2015 ARCH 211: Undergraduate Seminar, *Digital Drawing*
 Winter 2015 ARCH 600: Graduate Level Independent Study, *Detroit Station for the Arts Architecture Competition*
 Winter 2015 ARCH 600: Graduate Level Independent Study, *Glass Blowing*

2012-2013

Fall 2012 ARCH 660: Thesis Seminar, *A PLOT*
 Fall 2012 ARCH 707: Masters of Science in Material Systems Physical Pursuits, *Erratic Tools*
 Winter 2013 ARCH 662: Thesis Studio, *PLOT*

Winter 2013 ARCH 509: Graduate Seminar, *Glow Workshop: Intentional Darkness*
 Spring 2013 ARCH 600: Graduate Level Independent Study, *Drawing Detroit*

2011-2012

Fall 2011 ARCH 660: Thesis Seminar and Fabrication Seminar, *As-Built*
 Fall 2011 ARCH 312: Junior Undergraduate Studio, *Full Capacity*
 Winter 2012 ARCH 662: Thesis Studio, *As-Built Actualizing*

2010-2011

Fall 2010 ARCH 660: Thesis Seminar, *Stormfront*
 Fall 2010 ARCH 432: Senior Undergraduate Comprehensive Building Studio, *Lights Out*
 Winter 2011 ARCH 509: Graduate Seminar, *Glow Workshop*
 Winter 2011 ARCH 442: Senior Undergraduate Wallenberg Competition Studio, *No Vacancy*

2009-2010

Fall 2009 ARCH 432: Senior Undergraduate Comprehensive Building Studio, *Testing Grounds*
 Fall 2009 ARCH 516: Graduate Seminar in Architecture Representation, *Within/Without*
 Winter 2010 ARCH 442: Senior Undergraduate Wallenberg Competition Studio, *Overconstruction*
 Spring 2010 ARCH 506: Traveling Course to Japan, Graduate Level, *conText*

2021: Massachusetts Institute of Technology, Architecture

Spring 2021 4.154 Architecture Design Graduate Option Studio, *In House*

Invited External Studio Reviews

2024 Lawrence Tech University (Graduate)

2023 Carnegie Mellon (Graduate)
 Florida Atlantic University (Graduate)
 Lawrence Tech University (Graduate)
 Ball State University (MFA)

2022 Massachusetts Institute of Technology (Graduate)
 Washington University St. Louis (Graduate)

2021 Cornell University (BArch Thesis)
 Carleton University (Thesis)
 Cooper Union (Thesis)

2020 Cornell University (BArch Thesis)
 Carleton University (Thesis)
 Cooper Union (Thesis)

2019 Ohio State (Junior Studio, Sophomore Studio)
 University of Milwaukee Madison (MFA: Glass, Sculpture, Ceramics, Painting)
 Ferris State (Junior Studio, McCullough, DeChard)

2018 San Jose State University (Junior Studio, San Frantello)
 California College of the Arts (Masters Vertical Studio, Kudless, Lynch)
 California College of the Arts (Masters Vertical Studio, Marcus)

2017 University of Illinois at Chicago (Junior studio, Kelley)
 Harvard Graduate School of Design (MArch, thesis)
 Cranbrook Academy of Art (1st and 2nd year graduates)
 Lawrence Tech (MArch, Daubmann)

2016 University of Buffalo SUNY (BS, Romano)

- Cranbrook Academy of Art (1st and 2nd year graduates, Massie)
 American University of Sharjah (MArch, Kalo)
 Ohio State University (BS fabrication, Diles)
 University of Cincinnati (MArch Thesis)
- 2015 University of Nebraska (SGH + Dri-Design Prize Jury)
 University of Detroit Mercy, (MArch, Kutil)
 Ohio State University (MArch, Cruse)
- 2014 Harvard Graduate School of Design (MArch, Adjaye)
 Harvard Graduate School of Design (MArch, Mori)
 Iowa State University (MArch, Goche)
 Temple University (MArch study abroad, Abbate)
 University of Cincinnati (MArch Thesis)
- 2013 Cornell (MArch study abroad, O'Donnell)
 Massachusetts Institute of Technology (MArch, Clifford)
 Bowling Green (BS, Luescher)
- 2012 Lawrence Tech (MArch, Sauve)
 University of Virginia (MArch Thesis)
 SUNY at Buffalo (MArch Thesis)
 Georgia Tech (MArch, Cottle)
 Art Institute of Chicago (MFA)
- 2011 Ohio State University (MArch, Clifford)
- 2010 University of Arkansas (MArch Thesis)

SERVICE

Taubman College of Architecture and Urban Planning, University of Michigan

- 2024-2025 Scholarship Committee
 MS Digital and Material Technologies Admissions
 Marshal, Honors Convocation
- 2023-2024 Chair Search: Architecture (committee chair)
 MS Digital and Material Technologies Advisory Committee
- 2022-2023 Faculty Search: Anti-Racist Digital Urban Humanities (committee chair)
 Promotion + Tenure Committee
 MS Digital and Material Technologies Admissions
 MS Digital and Material Technologies Advisory Committee
- 2021-2022 Executive Committee
 Equity in Architectural Education (EAEC) Mentors Program (faculty mentor)
- 2020-2021 Executive Committee
 Equity in Architectural Education (EAEC) Mentors Program (faculty mentor)
 Computational Design Certificate launch committee
- 2019-2020 Lectures and Exhibitions Committee
- 2018-2019 Design Faculty Search Committee
 Promotion + Tenure Committee
- 2017-2018 Opportunity Hires + Post-doc Fellowship Committee
- 2016-2017 Masters of Science in Materials Systems co-coordinator

Masters of Science in Material Systems Admissions

- 2015-2016 Masters of Science in Materials Systems co-coordinator
Masters of Science in Material Systems Admissions
Open House Faculty Research presenter
- 2014-2015 Fellowship Search Committee
Masters of Science in Material Systems Admissions
Open House Faculty Research presenter
- 2012-2013 Masters of Science in Materials Systems co-coordinator
Tenure Track Search Committee
Masters of Science in Material Systems Admissions
Graduate Admissions
Open House Faculty Research presenter
- 2011-2012 Whither Installation Symposium, Co-coordinator with John McMorrough and Ben Smith, and moderator
Research Through Making Exhibition Coordinator
Fellowship Search Committee
Masters of Science in Material Systems Admissions
- 2010-2011 Continuing Merit Scholarship Committee, Chair
Graduate Awards Committee
Booth Traveling Fellowship Selection Committee

National and International

- 2025 Curriculum Review panel, Temple University
- 2024 Glass Structures and Engineering Journal Reviewer
FABRICATE, Peer Reviewer
- 2023 ACADIA Conference, Paper Reviewer, Project Reviewer
Fabricate, Peer Reviewer
Critical Productive, Paper Reviewer
- 2022 ACADIA Conference, Paper Reviewer, Project Reviewer
ACADIA, Best Paper and Vanguard Award selection committee
Tenure Reviewer
- 2021 ACADIA Conference, Paper Reviewer, Project Reviewer, online
Tenure Reviewer x3
- 2020 ACADIA Conference, Paper Reviewer, Project Reviewer, online
IJAC Journal, Paper Reviewer
Tenure Reviewer x3
- 2019 ACADIA Conference, Paper Reviewer, Austin, TX
IJAC Journal, Paper Reviewer
Tenure Reviewer x3
- 2018 TxA Emerging Design + Technology Conference, Paper Reviewer, Austin, TX
ACSA Conference, Paper Reviewer, Pittsburgh, PA
- 2016 ACADIA 2016 Conference Workshop co-chair, Taubman College of Architecture and Urban Planning,
University of Michigan, Ann Arbor, MI
- TxA Emerging Design + Technology Conference, Paper Reviewer, Austin, TX

- 2015 The Future of Historic Preservation focus group, National Trust for Historic Preservation, Kykuit, Sleepy Hollow, NY
 Flint Public Art Project Board of Directors, Amplifier Inc., Flint, MI
- 2014 AIA Seattle Honor Awards Jury, Seattle, WA
- 2013-2014 Fellows' Representative to the Board of Trustees, The American Academy in Rome
- 2011-2012 ArtsEngine National Task Force, "Arts Practice in Research Universities" committee member