

# Catie Newell

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## 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**

- 2016-2021    Director, Master of Science in Architectural Design Research; Digital and Material Technologies
- 2017-        Associate Professor of Architecture
- 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

- 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)**

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, curated by Sir David Adjaye

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)  
*Dptych*, 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

- 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

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

### PUBLICATIONS

#### Book Chapters

- 2020 Newell, Catie. "This Time: The Vanishing Work of Alibi Studio," *Waste Matters*, ed. Nikole Bouchard (Routledge, 2020)
- 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

- 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

- 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 42<sup>nd</sup> 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 Proximates; proceeding of the 40<sup>th</sup> 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 39<sup>th</sup> 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 38<sup>th</sup> 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*, 103<sup>rd</sup> 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 32<sup>nd</sup> 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**

- 2022 "Long Range Glass," *Architect Magazine*, 2022 R+D Awards (2022) pg 64-65.  
 Joshua Huff, "Sounding Off, Re-Shaping Glass for Acoustic Performance," *USGlass Magazine* (2022) pg 11-13.  
 Jan Cigliano Hartman, editor, *The Women Who Changed Architecture*, Princeton Architectural Press (2021) pg 314-315.
- 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 Ehrlén, "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**

- 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**

- 2023 "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**

- 2021 "Catie Newell Expert Series," Teulo Expert Series, 5-part video series

### **Invite YouTube Channel Interviews**

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

### **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**

- 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-ongoing *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-ongoing *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**

- 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

Items not in format above:

Service:

Chair of Professor of Anti-Racist Urban Digital Humanities

P+T Committee

DMT Admissions

External Guest Reviewer:

University of Washington, St. Louis

Florida Atlantic

Lawrence Tech