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## 2021 AIA Fellowship

Candidate	Caryn J. Brause
Organization	University of Massachusetts Amherst, Department of Architecture
Location	Northampton, Massachusetts
Chapter	AIA Massachusetts; AIA Western Massachusetts

#### **Category of Nomination**

Object 2 > Education

#### **Summary Statement**

Professor Brause is a prominent contributor in the field of collaborative design pedagogy. She creates vibrant and fruitful connections between educators, students, practitioners, and community stakeholders through her expansive, innovative, and award-winning work.

#### Education

Master of Architecture (AIA Henry Adams Certificate), 1996 University of Virginia, Charlottesville, VA, 3 years attended

Bachelor of Arts in Design of the Environment, 1988 University of Pennsylvania, Philadelphia, PA, 3.5 years attended

Licensed in:

Massachusetts #31187

#### Employment

University of Massachusetts Amherst (2008-present); 12 years SITELAB Architecture + Design (2008 – present); 12 years Center for Design Engagement (2015 – present); 5 years Hampshire College (2011-2012); 1 year Thomas Douglas Architects (2006 - 2008); 2 years Caryn Brause, Architect (2004 – 2006); 2 years CDR Studio Architects, PC (1997 – 2004); 7.5 years Smith-Miller + Hawkinson Architects (1996 – 1997); 0.5 years

# **2021 AIA College of Fellows Application**

**Caryn J. Brause AIA** 

# SIGRID MILLER POLLIN ART AND ARCHITECTURE

September 14, 2020

Nancy Rogo Trainer FAIA Chair Jury of Fellows The American Institute of Architects 1735 New York Avenue, NW Washington, DC 20006-5292

## To the Jury:

It is my honor to sponsor Professor Caryn Brause AIA for advancement to the College of Fellows of the American Institute of Architects. I have known Professor Brause for 12 years primarily as a colleague in the Department of Architecture at the University of Massachusetts Amherst. However, I have also had the opportunity to share many experiences with her here in our Five College community. I have seen up close her extraordinary energy for and commitment to forging creative connections between academia and community engagement, particularly in underserved urban neighborhoods. Her teaching, writing, research and community engagement projects have garnered 8 AIA and 7 other distinguished awards.

Professor Brause's contributions to the Department of Architecture at UMass Amherst have been stellar as a teacher, faculty mentor, and Director of both the Graduate Program and the Honors Program. Her intellect and dynamic presence consistently attract both graduate and undergraduate students to her 21<sup>st</sup> century collaborative approach to our evolving architectural profession. Her award-winning course *Voices from the Field* introduces students to both innovative and traditional building practices on the job site. Brause paired the practical aspects of extending the student experience beyond the design studio seamlessly with the creative design process within the university. Likewise, her publication of *The Designer's Field Guide to Collaboration* delivers innovative methods of practice to the next generation of architects.

Professor Brause's key role in the creation of the journal of Technology |Architecture + Design (TAD) and her engagement as editor of this publication have brought academic research in architecture into the 21<sup>st</sup> century. TAD is the first new ACSA journal to be published in 70 years. Through this peer reviewed journal, she has created an essential venue for researchers in architecture, design, and building technology around the world to showcase their work. Her impressive skills with respect to current digital technologies linked with her sensitivity to high quality design have yielded great value to her research.

Professor Brause's practice SITELAB has undertaken numerous pro-bono projects that address sustainable building practices, food insecurity and community empowerment. Her pathbreaking EcoBuilding Bargain project completed in 2012 is now known thoughout the region by builders and homeowners alike as an innovative distribution center for reusable construction materials.

Caryn Brause's outstanding achievements in teaching, research and collaborative practice make her well deserving of advancement to Fellowship. She is, indeed, a role model who has inspired and will continue to inspire students, researchers and practioners alike. I support her nomination without hesitation.

Respectfully submitted,

Sigrid Miller Pollin, FAIA

# **1.0 Summary of Achievements**

# **Caryn J. Brause AIA**

Professor Brause is a prominent contributor in the field of collaborative design pedagogy. She creates vibrant and fruitful connections between educators, students, practitioners, and community stakeholders through her expansive, innovative and award-winning work.

## Interweaving Teaching, Research, and Leadership

Through nearly two decades of professional practice, teaching, and service, Prof. Brause has forged powerful connections between the academy and the profession. She is nationally recognized for her integrated approach to experiential design pedagogy, interdisciplinary collaboration, and socially engaged design practices. She is a prominent contributor in the field of collaborative design, for which she earned awards from three of the major collaterals: AIA, ACSA, and NCARB. Brause's innovative community-engaged Public Interest Design projects have also garnered professional design awards and recognition from major funding organizations. A tenured professor, she works assiduously to bring practitioners into her classes. She helps students locate their place in the profession, builds bridges across departments and into surrounding communities, and advances the profession through numerous leadership roles. Brause has skillfully interwoven her teaching, research, creative work, and leadership into a mature embodiment of a 21st century architectural academic.

## **Advancing Critical Skillsets for Contemporary Practice**

Prof. Brause's teaching and scholarship center on the transformative impact of collaborative practice on design outcomes. As the profession evolves toward more complex partnerships, Brause has significantly contributed to advancing the skillsets of future practitioners through her award-winning book, *The Designer's Field Guide to Collaboration,* and her innovative course, *Voices from the Field*.

In *The Designer's Field Guide to Collaboration*, Prof. Brause examines how collaborative practices can meet contemporary environmental, social, and technological concerns. Her work garnered praise for its erudite case studies that expanded the canon to highlight the profession's ethnic, social, and gender diversity. Brause's innovative coursework, including *Voices from the Field*, empowers her students to find their own creative and professional voices. Her cutting-edge course employs a hybrid model, interconnecting the classroom and the field. She instruct students on essential professional domains such as project delivery methods, the regulatory environment, finances, and labor. Brause received national recognition for this contribution, including a 2016 AIA/ACSA Practice + Leadership Award and a 2013 NCARB Award for the Integration of Practice and Education. Brause further expanded her students' horizons by creating a three-year sequence in which notable female design practitioners present lectures, exhibits, and engage personally with students.

## **Creating New Platforms for Architectural Research**

Prof. Brause's bridging of scholarship and the profession achieved international impact in 2017, when she co-founded *Technology I Architecture* + *Design (TAD)*, the first new journal to be published by the ACSA in over seventy years. *TAD* is a visually compelling, peer-reviewed journal focused on technology and practice. The journal fills a void in the literature for technology-related design content. Beyond the print journal, Brause continues to create opportunities for other scholars by developing webinars, research workshops, and conference panel sessions to raise the quality of architectural research.

## **Collaborating with Communities**

Prof. Brause's award-winning, socially engaged design work features networks of collaborators with diverse expertise and viewpoints. Her design for EcoBuilding Bargains, a non-profit that recycles building materials, received three AIA awards and was featured in the nationally televised program *This Old House*. The *EI Corazón* project in Holyoke, conducted in partnership with governmental and non-profit collaborators, is developing public spaces for the display of cultural works while building creative capacity for the largest per-capita Puerto Rican community in the diaspora. This project has been supported by the National Endowment for the Arts and Mass Development, and was recognized as a finalist in the Bloomberg Philanthropies Public Art Challenge.

#### **Connecting the Academy and the Profession**

Prof. Brause's longtime professional service highlights her deep commitment to connecting the academy and the profession. Brause has served on national NCARB committees and currently serves on numerous juries and peer review committees, the national AIA Higher Education Advisory Group, and as Secretary for her local AIA chapter. Recently, she developed a survey of the impact of COVID-19 on regional firms in order to support the work of state legislators on opening and recovery strategies during the pandemic.

# 2.0 Achievements

2.1 Significant Work

Teaching
Public Interest Design
Professional Roles
Leadership and Service Roles

2.2 Honors, Awards & Recognition
2.3 Publications

# **Teaching: Advancing Critical Skillsets for Contemporary Practice**



#### Voices From the Field

#### 2013 - present

Winner of the 2013 NCARB Award for the Integration of Practice and the Academy and the 2016 AIA/ACSA Practice and Leadership Award. Brause designed this course to address the findings identified in the 2012 NCARB Practice Analysis. She then developed the course to address the interplay between the quality of collaborative relationships and the successful manifestation of design intent. The experiential course empowers students to address the myriad issues that comprise contemporary architectural design decision-making and project delivery.



## Women in Design

2016 - 2019

Over a multi-year period, Brause successfully funded a series of three initiatives to expose and connect students to exceptional women designers. These initiatives address the gender imbalances found in architecture and design lecture series, exhibits, and at major student design reviews. Brause developed a program of lectures and exhibits that demonstrate women's creative endeavors coupled with personal creative feedback for students. She also provided students, particularly women, with the inspiration and mentorship necessary to bolster their careers.



# Lighthouse

#### 2016

Brause designed this Community Engagement and Service Learning Studio to expose students to two critical skillsets for contemporary architectural practice - community engagement and digital fabrication. Under Brause's supervision, students worked on the design of an underutilized outdoor space with a community partner, the Lighthouse—an alternative middle and high school. Brause's students first completed larger site design concepts, and then collaborated with Lighthouse students to prototype and digitally fabricate custom furniture elements.



### Interdisciplinary Design Collaboration

2014 - 2015

Brause created this course for architecture and landscape architecture students to develop crossdisciplinary collaborative practices. Brause introduced her students to models of creativity and collaboration and presented contemporary case studies of architect-landscape architect partnerships. She developed a series of active exercises that enabled student teams to gain skills required for collaborative teamwork.

"After the first offering of the Interdisciplinary Design Collaboration course, my coinstructor and I noticed a significant improvement in how the students worked with one another. Caryn's class was a huge success in providing students with ways of building and organizing a team...I view this as a perfect example of integrating one's research into the classroom and sharing with students the latest thinking about a particular topic."

> - Mark S. Lindhult FASLA, UMass Amherst Department of Landscape Architecture and Regional Planning

# Teaching cont.



## Arch 400 The Ark Studio

2012 - 2016

In this undergraduate design studio, Brause taught her students a design process founded on making at a variety of scales, including full-scale prototyping. She developed students' ability to generate a tectonic agenda for their work and advanced their collaborative skills through teambased research and design projects. In a recent iteration, the Ark Studio, students considered the kinds of cross-species cohabitation necessary for post-oil resilient community design.



## Arch 541 Digital Fabrication Lab

2012 - present

Brause exposes her students to a variety of digital fabrication tools and develops projects that emphasize material explorations, tooling operations, and a file-to-fabrication workflow. Brause's lab prepares students to collaborate with fabricators in practice settings. The lab structure provides an immediate feedback loop for their beginning design investigations, many of which plug in to their studio projects.



## **Riverscaping Design Build Studio**

2011

Brause's Undergraduate Design Studio engaged in an international design-build competition funded by the European Union, "Riverscaping: Alles am Fluss: Rethinking Art, Environment and Community." After one of Brause's students won the competition, she helped to establish a collaboration with Sigrid Miller Pollin AIA Architecture and Yestermorrow Design Build School to build the project with students from a broad range of schools, departments, and disciplines.



# Building Linkages | Pynchon Plaza

2010

Brause's community design studio inaugurated the UMass Amherst Design Center in Springfield, which is helping to revitalize the Commonwealth's second largest city. Her studio's design work addressed the redevelopment of the strategic but underutilized downtown Pynchon Plaza site. As a direct result of her studio's work and community presentation, the City of Springfield reopened the plaza to the public, restoring 28,000 sf of the park to public use.

"Caryn's teaching is highly effective due to the influences of her own research, original creative work, and service to the profession of architecture. When a teacher is enthusiastic about a topic, it is contagious for the students, which I find to be the case in Caryn's teaching."

- Angela DeGeorge, BFA 2012

# **Public Interest Design**



## El Corazón | The Heart of Holyoke, Holyoke, MA

Co-Director, Co-Design Lead: 2016 - present

Brause and her collaborators are developing *El Corazón*|*The Heart of Holyoke* to provide spaces and places of belonging for the largest per-capita Puerto Rican community in the diaspora. The creative place-making project is supported by a NEA "Our Town" award and significant public and private matching funds. The project features broad community engagement and was recognized as a finalist in the 2018 Bloomberg Philanthropies Public Art Challenge.



# Design Leadership: 2012 - present

Abundance Farm, Northampton, MA

To convert a nearly vacant parcel into a vibrant social justice farm, Brause provided professional services which the non-profit leveraged to garner unprecedented levels of funding. The project forms an innovative collaboration between three local institutions – a synagogue, an elementary school, and a food pantry serving 4500 people a year. *Abundance Farm* now serves hundreds of families challenged with food insecurity, hosts major festivals (over 3000 participants per year), and serves as an educational classroom for students from pre-K through high school.



### Arrivals, Holyoke, MA

#### Co-Design Lead: Completed 2015

Winner of an 2016 Western Massachusetts AIA Citation Award. *Arrivals* is a public art and infrastructure project that lights a formerly desolate underpass, providing a safe connection between a low income neighborhood and the central business district. The project contrasts a homogeneous image of the city with the multiple voices of residents' arrival stories and captures Holyoke's rich immigrant experience. The installation's bilingual translation invites participation in the city's public domain.



## **EcoBuilding Bargains, Springfield, MA**

#### Design Architect: Completed 2012

Winner of an 2013 AIA New England Citation Award, a 2012 Western Massachusetts AIA Merit Award, and a 2012 Western Massachusetts AIA People's Choice Award 2012. Brause provided pro-bono design services to redesign this non-profit whose mission advances material reuse. Brause's design promotes repurposing at all scales of architectural intervention, from structural elements and roofing materials to interior fixtures and furnishings. The 32,000 sf facility is the largest of its kind in New England.



#### **Brickhouse Community Resource Center, Turners Falls, MA**

#### **Design Architect: Completed 2008**

Brause provided pro-bono design services for this non-profit to support individual and community well-being through economic development, youth development, education and advocacy. Brause's renovation of its home in an historic firehouse included a newly designed facade, an accessible entry sequence, and an outdoor double-functioning stoop and stage.

# Selected Professional Roles related to the Object of Nomination



Education University of Virginia Master of Architecture, 1996

University of Pennsylvania Bachelor of Arts, 1988

> **Registration** Massachusetts

### University of Massachusetts Amherst Department of Architecture

Faculty: 2008 - Present; Associate Professor with Tenure: 2017 - present

Prof. Brause has been a full-time faculty member of the Department of Architecture since 2012, and previously served in part-time roles beginning in 2008. She has served as Graduate Program Director, Architectural Licensing Advisor, and Honors Program Director. She also founded and taught UMass's Pre-College Summer Design Academy, which introduces high school students to design and to the architecture profession. Brause serves as a mentor to junior colleagues and numerous students, many of whom now contribute to the department by serving as jurors and mentors. She supports a wide variety of graduate and undergraduate thesis committees as well as independent studies each year.

Brause's interest in integrating pedagogical issues and professional ones informs her service, particularly her work on the new John W. Olver Design Building. As faculty liaison to the building committee, she collaborated for more than three years with colleagues from neighboring departments to support the creation of this exemplary multidisciplinary space. Brause also connects students to the profession through her roles in national and local AIA and NCARB committees. She similarly connects her students to contemporary research practices through her leadership in the journal of *Technology* | *Architecture* + *Design* and her service on varied peer review and scientific committees. Brause previously taught at Hampshire College and she serves as an invited juror and lecturer at schools both locally and nationally.

#### Center for Design Engagement (CDE)

Director: 2015 - present

The Center for Design Engagement (CDE) is a non-profit community and design resource center in Holyoke, MA directed by UMass Amherst faculty. CDE provides progressive design, innovative public art, and civic engagement, particularly in underrepresented communities. Brause serves as Co-Director and Co-Design Lead on prominent projects. She has partnered to write grants totalling over \$1 million to support project development and implementation, as well as capacity building for community partners.

#### SITELAB Architecture + Design

Principal and Founder: 2008 - present

SITELAB pursues client-driven projects, collaborations with community partners, and theoretical investigations. Many of these projects address resource scarcity by redeploying abundant resources, such as existing building stock, underutilized landscapes, and reclaimed building materials. Prof. Brause's pro-bono work has broad impact in the region by addressing issues such as food insecurity, building material reuse, and youth empowerment.

Brause became a licensed architect in New York State in 2000 and has held a Massachusetts license since 2009. Previously she was an Associate Principal at CDR Studio Architects, where she worked on award winning projects such as the Eileen Fisher Showroom, the African Burial Ground Competition Entry, and the second stage finalist entry to the NJ 9/11 Memorial Competition. Her design and construction experience includes museums, memorials, offices, residences, commercial space, and community-based projects; she has received seven AIA awards for this work.

# **Selected Leadership and Service Roles**











# **Professional Leadership**

- AIA Higher Education Advisory Team (HEAT): 2020 present
- AIA Western Massachusetts Chapter (WMAIA), Board Member and Chapter Secretary: 2018 present
- ACSA/AIA Practice and Leadership Award, Chair: 2018 2019
- AIA SDAT Developing Holistic Approach to Climate Adaptation and Mitigation, Northampton, MA: 2015

NCARB Architectural Licensing Advisor: 2015 - 2019

NCARB Education Committee: 2016 - 2018

NCARB Award Committee: 2015

# **Academic Leadership**

## University of Massachusetts Amherst

College of Humanities and Fine Arts Core Leadership Group: 2020 - 2021

UMass Research & Engagement VIZ Initiative Steering Committee: 2019 - present

Graduate Program Director, Master of Architecture: 2017 - 2019

Architecture Honors College Program Director: 2015 - 2016

John W. Olver Design Building Committee, Faculty Liaison: 2013 - 2016

Pre-College Summer Design Academy, Founder and Director: 2010 - 2012

UMass Amherst Design Center at Springfield Steering Committee: 2011

# Academic Roles cont.

## Academic Juries & Outside Evaluator

Portman Prize Jury: 2020

Amherst College, Brandeis University, Hampshire College, Hobart & William Smith Colleges, Marlboro College, Mount Holyoke College, Northeastern University, Parsons - New School for Design, Rhode Island School of Design, Smith College, Yale University

## **Journal Roles**

Journal of Technology | Architecture + Design (TAD), Founding Editorial Board Member: 2015 - present, Design Editor: 2017 - 2019, Issue Editor: 2020.

Public Administration Review Journal, Reviewer: 2020

International Journal of the Constructed Environment, Associate Editor: 2014 - 2015

## **Publication Review**

Routledge Taylor & Francis, Peer Reviewer for Book Proposals: 2018 - present

Association of Collegiate Schools of Architecture (ACSA) Peer Reviewer & Session Moderator: 2016 - present

Architectural Research Consortium (ARCC), Peer Reviewer: 2020

Building Technology Educator's Society, Conference Co-Chair: 2018 - 2019, Scientific Committee & Session Moderator: 2016 - 2017

National Conference on the Beginning Design Student (NCBDS) Peer Reviewer & Session Moderator: 2015 - 2016

# **Selected Honors and Awards**



# **AIA Awards**

- 2016 AIA/ ACSA Practice + Leadership Award Voices From the Field
- 2016 Western Mass AIA Citation Award Arrivals, collaboration with Joseph Krupczynski
- 2013 AIA New England Citation Award EcoBuilding Bargains
- **2012 Western Mass AIA Merit Award** EcoBuilding Bargains
- 2012 Western Mass AIA People's Choice Award EcoBuilding Bargains
- 2000 AIA New York City Chapter Interior Design Award Eileen Fisher Showroom, while at CDR Studio Architects
- 1998 AIA New York City Chapter Project Design Award African Burial Ground, while at CDR Studio Architects
- **1998 AIA New York City Chapter Design Citation** Eileen Fisher Store, while at CDR Studio Architects

# **Other Awards**

**2018 Bloomberg Philanthropies Public Art Challenge Finalist** El Corazon, with City of Holyoke OPED, Nueva Esperanza Inc. and Joseph Krupczynski

2018 PROSE Award Honorable Mention, Social Science Textbook The Designer's Field Guide to Collaboration

2017 Building Technology Educator's Society Book Award First Prize The Designer's Field Guide to Collaboration

2017 International Journal of the Constructed Environment Award for Excellence Volume 7 Strategic Additions: Reconsidering Architecture's Stepchild

# Other Awards cont.

**2014 Mosher Street Rail Bridge Underpass First Place in Competition**, Collaboration with Joseph Krupczynski

2013 NCARB Award for the Integration of Practice and the Academy Voices From the Field

2011 Riverscaping International Design Build Award First Place in Competition UMass Design III Studio

2004 New Jersey 9/11 Memorial Foundation Second Stage Finalist while at CDR Studio Architects

# **Selected Grants & Funded Research**

**2020 Holyoke Local Cultural Council** \$5,000, El Corazon | The Heart of Holyoke, Collaborators: City of Holyoke OPED and Joseph Krupczynski

**2019 Commonwealth Places Program, Mass Development** \$25,020 crowdfunded + \$20,000 match, El Corazon | The Heart of Holyoke , Collaborators: City of Holyoke OPED, Nueva Esperanza, Inc., and Joseph Krupczynski

**2019 Department of Architecture Research Collaborative** \$3,000, Investigation of Interior Learning Environments, Collaborators: Dorrie Brooks AIA, Jones Whitsett Architects

**2018 Marion and Jasper Whiting Foundation** \$6,500, Voices from the Field: Impact of Collaborative Practices on Design in Nordic Countries

**2018 College of Humanities and Fine Arts Research Grant** \$2,000 Voices from the Field: Impact of Collaborative Practices on Design in Nordic Countries

**2018 Women for UMass Fund** \$5,400, Women in Architecture Creative Production Project, Collaborators: Pari Riahi and Sandy Litchfield

# Selected Grants, Funded Research & Exhibits



# Selected Grants & Funded Research cont.

2018 College of Humanities and Fine Arts Conference Grant \$5,000, Integration + Innovation 2019 Building Technology Educator's Conference

2017 Women for UMass Fund \$3,500, Women in Design Creative Exchange, Collaborators: Pari Riahi

2016 National Endowment for the Arts Our Town Award \$50,000 + \$70,000 matching funds, El Corazon | The Heart of Holyoke, Collaborators: City of Holyoke OPED and Joseph Krupczynski

2016 Women for UMass Fund \$5,000, Women in Design Lecture Series

2014 Faculty Research Grant / Healey Endowment Grant \$12,180, The Designer's Field Guide to Collaboration

2013 NCARB Award for the Integration of Practice and the Academy \$25,000, Voices From the Field: From Design Concept to Reality

2010 City of Springfield Dept. of Planning and Economic **Development \$5,000, Building Linkages, Projects for** Pynchon Plaza

# Selected Exhibits

Integration + Innovation Co-curator, Design Building Gallery, Amherst, MA, June - July 2019

Beyond the Building: Architectural Artifacts Co-curator, Design Building, University of Massachusetts Amherst, February 2017 Co-curator, NYPOP Gallery, New York, NY, December 2016 -February 2017

# Selected Exhibits cont.

Architectural Education Winners Traveling Exhibit ACSA Annual Meeting, Seattle, WA March 2016 AIA National Convention, Philadelphia, PA May 2016 AIA Headquarters, Washington, DC 2016 Project: Voices from the Field

Housing the Urban Animal Co-curator, NYPOP Gallery, New York, NY, December 2016

**OPEN CITIES Research + Design Project Exhibition** Ewha Womans University, Seoul, Korea June 2014 Project: ReSKIN: Parametrically Defined Insulated Metal Panels

- WMAIA small lot | BIG IDEAS Competition Exhibit A.P.E. Gallery, Northampton, MA November 2013 Project: The Productive [Narrow] Lot w/ Carey Clouse
- Architecture Boston Expo AIA New England 2013 Design <u>.</u> Awards Exhibit, Boston, MA November 2013 Project: EcoBuilding Bargains
- AIA New England 2013 Design Awards Exhibit: Taking **Design to Heart** DCU Center, Worcester, MA October 2013 **Project: EcoBuilding Bargains**
- **AIA New England Conference** Burlington, VT October 2012 Projects: EcoBuilding Bargains and Garden Pavilion
- LEVERAGE: Strengthening Neighborhoods Through **Design** Philadelphia Center for Architecture October 2011 Project: Building Linkages, Projects for Pynchon Plaza
- Liveable Communities Exhibit AIA New England **Conference** Exhibit design A.P.E. Gallery, Northampton, MA October 2011 w/ Erika Zekos, Mary Yun, Chris Farley, Angela DeGeorge and Jennifer Levy

# **Selected Workshops, Lectures & Presentations**











# **Workshops**

"Defining Your Research," Workshop Facilitator, 107th ACSA Annual Meeting: 2019

"Design Fundamentals Applied," UMass Data VIZ Symposium: 2019

"Architectural Research 101: What, How & Why?" Workshop Facilitator, AIA Conference on Architecture: 2018

"Exploring/Defining the Research Landscape Within the Discipline of Architecture," Webinar Organizer & Moderator ACSA/ TAD Research Series: 2018

"Defining Your Research," Workshop Facilitator, 106th ACSA Annual Meeting: 2018

Eureka! Program for Girls' Inc, Clinton Global Initiative, STEM Workshop Leader: 2014

# **Selected Lectures & Presentations**

**2020 ACSA Annual Meeting** *Process of Design to Realization: TAD Authors Panel,* Organizer and Moderator w/ Julian Wang

**2019 Smith College, Northampton, MA** Guest Lecture: *The Designer's Field Guide to Collaboration* 

**2018 ACSA Annual Meeting, Denver, CO** Invited Speaker: *Begin with Why: Values and Ethics in Beginning Design* 

**2017 Boston Architectural College, Boston, MA** Guest Lecture in Community Practice: *The Designer's Field Guide to Collaboration* 

**2017 Keene State College, Keene, NH** Lecture Series: *The Designer's Field Guide to Collaboration* 

**2017** New Jersey Institute of Technology, Newark, NJ Lecture Series: *The Designer's Field Guide to Collaboration* 

# Lectures & Presentations cont.

**2017 International Conference on The Constructed Environment, Krakow, Poland** *Collaborative Practices: Communication Flow and Information Exchange* 

**2017 Mass College of Art and Design, Boston, MA** Lecture Series: *The Designer's Field Guide to Collaboration* 

**2017 New School of Architecture & Design, San Diego, CA** Guest Lecture: *The Designer's Field Guide to Collaboration* 

**2016 ACSA Annual Meeting, Seattle, WA** Practice & Leadership Awards Session *Voices from the Field* 

**2015 NCARB Annual Business Meeting, New Orleans, LA** Featured speaker: *Voices from the Field* 

2014 Intern Development Program (IDP) Coordinators Conference, NCARB + AIA, Miami, FL Video Presentation: Voices from the Field

**2014 NCARB Annual Business Meeting, Philadelphia, PA** Video Presentation: *Voices from the Field* 

**2014 Constructed Environment Conference, Philadelphia, PA** Strategic Additions: Reconsidering Architecture's Stepchild

**2013 Reclaim + Remake Symposium, Washington, DC** *The Barn Project: Teaching Design for a Future of Resource Scarcity* 

**2011 Association for Community Design, Philadephia, PA** Stone Soup – Collaborating in Springfield to create the UMass Amherst Design Center w/Michael DiPasquale & Frank Sleegers

**2010 Massachusetts Art Education Assoc., Amherst, MA** *Using Architecture to Develop Personal Narratives: Teaching Architecture to High School Students* w/ Stephen Schreiber

# **Publications**



## TAD 4:1 | Translation

Issue Editor: Completed 2020

As Issue Editor, Prof. Brause edited and published scholarly submissions, creative designs, and primary research that investigate the means by which design concepts become translated into the built environment. To accompany the submitted articles, she invited essays and research papers to fill gaps in knowledge, advance architectural research capabilities, and stimulate research in undeveloped areas of the field.



#### Integration + Innovation

Proceedings Co-Editor, Conference Co-Chair: Completed 2019

As Building Technology Educators' Society Conference Co-Chair, Prof. Brause sought exemplary proposals of research and pedagogy that explore innovative practices and integrative thinking in the academy and profession. Brause transformed the conference's method of dissemination and increased its impact by creating a digital proceedings platform. The digital proceedings receives over 200 downloads per month and exposes BTES members' work to an international audience.



## Designer's Field Guide to Collaboration

Routledge, Taylor & Francis: 2017

Winner of First Prize in the 2017 Building Technology Educators Society Book Award and a 2018 PROSE Award Honorable Mention. In her innovative book, Prof. Brause examines how collaborative practices are evolving to respond to meet today's environmental, social, and technological concerns. Brause contributes to the scholarship of practice by investigating the transformative impact that collaboration has on design outcomes.



#### Beyond the Visible: Skillsets for Future Interior Architecture Practice

Book Chapter, Routledge, Taylor & Francis: 2017

In this essay, Prof. Brause looks at attitudes and skillsets that are essential for future Interior Architecture practice, such as modularity, reconfigurability, designing for disassembly, planning to accommodate future renovations, and engaging future occupants by designing for ongoing personal customization.

"Caryn Brause's Designer's Field Guide to Collaboration is a comprehensive manual for students, educators, and professionals. Through a series of well-researched and illustrated case studies, practical guidelines, and structured exercises, Professor Brause elucidates the essential skills needed for successful collaboration that are often overlooked and undervalued."

-BTES Book Award Press Release

# **Publications cont.**



### Technology | Architecture + Design (TAD)

Founding Editorial Board Member, Design Editor Volumes 1 & 2: 2015 - present Brause and her fellow founding editorial board members created *TAD* after identifying a lack of publishing opportunities specifically related to building technology research and its integration with design. Through *TAD*, Brause elevates architectural research and provides a central, peerreviewed venue for faculty, practitioners, and researchers working in this field.



### Why TAD?

Co-authored Executive Editorial: 2017

To introduce the new journal, Brause and her fellow founding editors wrote an editorial discussing the journal's objectives, intended audiences, and positionality. The editorial identifies how TAD aims to expand upon architectural publication through new forms of creative and scholarly engagement. Brause and her collaborators created *TAD* to increase author and audience diversity across disciplines, and to increase knowledge translation between the academy and practice.

#### ERIN CARRAHER · RYAN E. SMITH with Peter Delisle

# LEADING 00000 COLLABORATIVE ARCHITECTURAL 0 00000 PRACTICE

NOWS BY CHRISTOPHER HENDERSON

WILEY

# Collaborative from the Start

Contribution to Book, Wiley: 2017

This book chapter features an edited conversation between Brause, Clare Olsen, and Erin Carraher about the relationship between professional collaborative practices and evolving pedagogical methods.



#### Strategic Additions: Reconsidering Architecture's Stepchild

International Journal of the Constructed Environment 7, no. 1: 2016 Winner of the journal's International Award for Excellence for Volume 7. In this paper, Brause challenged the bias for new construction over renovation by documenting a design research project. Brause suggests reconceptualizing existing housing stock through the lens of embodied energy and location efficiency. This reframing can invigorate design, and alter the reception and implementation of such projects.

"As the inaugural Design Editor, Caryn led the Editorial Board in shaping the direction of TAD's graphic identity and its relationship between text and image. Her editorial vision has shaped the look and feel of this journal. I particularly value the care and design sensitivity she brought to guide authors in improving the graphic way in which they communicate their research. This is especially difficult when discussing technology and engineering. Her editorial work helps each article reach its greatest potential. My appreciation of Caryn's contributions comes not only from my direct experience but also through communications I received from the ACSA Board of Directors, our authors, and our readers." - Andrzej Zarzycki, TAD Executive Editor, Volumes 1 & 2

# **Selected Peer Reviewed Papers**



"Transferring visual methods from design to social science to advance built environment research," *Proceedings of the EAAE - ARCC International Conference*, 2020 (in process).

"El Corazon | The Heart of Holyoke," *Proceedings from EDRA* 50: Sustainable Urban Environments, Amy Beth, Richard Wener, Betsy Yoon, Ruth A. Rae, & Jessica Morris (Eds.) Brooklyn, NY, 2019. (w/ Joseph Krupczynski & Clayton Beaudoin)

"Collaborative Beginnings: Developing Collaboration Skills in an Interdisciplinary Design Seminar," *Proceedings of the 34th National Conference on the Beginning Design Student,* Samantha Krukowski & Melanie Swick (Eds.) University of Cincinnati, Cincinnati, OH, 2018.

"Constructing Relationships: Examining Project Structures to Align Design Conception and Realization," *Poetics and Pragmatism: Proceedings of the 2017 Building Technology Educators' Society Conference*, Tom Leslie, Shelby Doyle, Robert Whitehead (Eds.), Des Moines, IA, 2017.

"Collaboration: Propelling An Expanded Practice," *Proceedings of the 105th Annual ACSA Meeting,* Luis Francisco Rico-Gutierrez & Martha Thorne (Eds.) Detroit, MI, 2017.

"Housing the Urban Animal," *Proceedings of the 105th Annual ACSA Meeting*, Luis Francisco Rico-Gutierrez & Martha Thorne (Eds.) Detroit, MI, 2017, 28-29. (w/ Carey Clouse & Stephen Schreiber)

"Urban Gleaning: Promoting Food Security Through Opportunistic Design Strategies," *Proceedings of the 5th Fábos Conference on Landscape and Greenway Planning,* Budapest, Hungary, 2016, 37-43. (w/ Carey Clouse)

"Learning and Unlearning Precedent," *Proceedings of the 32nd National Conference on the Beginning Design Student*, Jeff Ponitz, Clare Olsen, & Carmen Trudell (Eds.) California Poly, San Luis Obispo, CA, 2016, 571-576. "Divergent Modes of Engagement: Exploring Collaborative + Participatory Practices," *Proceedings of the 104th Annual ACSA Meeting*, Robert Corser & Sharon Haar (Eds.) Seattle, WA, 2016. (Topic Chair, w/ Joseph Krupczynski)

"Arrivals: Public Art + Infrastructure Project," *Shaping New Knowledges, Proceedings of the 104th Annual ACSA Meeting*, Robert Corser & Sharon Haar (Eds.) Seattle, WA, 2016, 3-4.

"Foraging for the Curriculum: Sourcing Local Projects for an Integrated Understanding of Issues Central to Practice," *Proceedings of the 2015 Building Technology Educators' Society Conference*, Jacob Gines, Erin Carraher & Jose Galarza (Eds.) Salt Lake City, UT, 2015, 167-174.

"Intern architects in the academy: preparing for future practice," *Future of Architectural Research Proceedings of the 2015 ARCC Conference*, Ajla Aksamija, John Haymaker & Abbas Aminmansour (Eds.) Chicago, IL 2015, 627-634.

"The Ark: Grafting Productive Programs onto Contemporary Waste-space," *OPEN CITIES Proceedings of the 2014 ACSA*/ *AIK International Conference*, Alice Kimm & Jaepil Choi (Eds.) Seoul, South Korea, 2014, 243-249. (w/ Carey Clouse)

"Animal Dwelling Modules," *Globalizing Architecture / Flows and Disruptions, Proceedings of the 102nd Annual ACSA Meeting*, John Stuart & Mabel Wilson (Eds.) Miami, FL, 2014, 111-112. (w/ Carey Clouse)

"Prototyping Practice," *Proceedings of the 30th National Conference on the Beginning Design Student*, Leslie Johnson, Catherine Wetzel & Leslie Johnson (Eds.) Illinois Institute of Technology Press, Chicago, IL, 2014, 205-211.

"Playing with Systems," *Proceedings of the 2013 Building Technology Educators' Society Conference*, Andrzej Zarzycki & Robert Dermody (Eds.) Roger Williams University, Bristol, RI, 2013, 412-413.

# **Selected Publications by Others**



# **Press related to Teaching**

Beam, Alex. "MATTER OF COURSE: 'Women in Design' fall lecture series." ArchitectureBoston. Spring 2016.

Everett, Rebecca. "Parking spots transformed into mini-parks, each with its own message, on Park(ing) Day." Hampshire Gazette. September 20, 2015.

Mazzocco, Megan. "Award Bridges Practice and Education." Architectural Leader Column in Architectural Products Magazine, March 2015.

"Riverview: Wooden platforms, open windows helps passersby see the Connecticut." Hampshire Gazette, June 3, 2013.

M "On the River." WMAIA Newsletter, Winter 2013.

"College Heats Up." UMass Amherst Magazine, Fall 2012

Editorial: "Designing Students." Hampshire Gazette, May 8, 2012

"Students, energy company brainstorm the gas station of the future." Hampshire Gazette, May 7, 2012.

"Hampshire College students design 'green' services stations of the future for Sandri Companies." The Republican, February 27, 2012.

# **Press related to El Corazon**

Becker, Sy. 2019. "Heart of Holyoke Celebrates City's Hispanic Community." WWLP, December 15, 2019.

Bunnell, Kathryn. 2019. "El Corazon/The Heart of Holyoke Looks to Celebrate Holyoke's Latino Culture through Public Art." WWLP, March 19, 2019. Ramos, Manuel Frau. 2019. "Campana pro Fondos Proyecto El Corazon / The Heart of Holyoke." El Sol Latino, May 2019.

Vega, Iohann. 2019. "El Corazón: The Heart of Holyoke." RadioPlasma. March 19, 2019.

Hohenberger, Dennis. 2018. "Bloomberg Philanthropies Names Holyoke National Finalist for Art Grant." The Republican, July 18, 2018.

"14 U.S. Cities in the Running to Receive Up to \$1 Million in Funding for Public Art Projects That Address Civic Issues." 2018. Bloomberg Philanthropies. July 18, 2018.

"How Can Public Art Address Critical Issues?" 2018. Youtube. Bloomberg Philanthropies. July 18, 2018.

## **Press related to Arrivals**

Ramos, Manuel Frau. "Llegadas – Proyecto de Arte Publico en Holyoke." El Sol Latino. September 2015.

Mazza, Chris. "New display tells story of Holyokers 'Arrivals.'" The Reminder. August 27, 2015.

Plaisance, Mike. "Holyoke 'Arrivals' Works as Public Art and Safety Feature: Video." The Republican. August 20, 2015.

Plaisance, Mike. "Holyoke Lifts Curtain on 30-Foot-Long Illuminated 'Arrivals.'" The Republican. August 19, 2015.

# Press related to EcoBuilding Bargains

"Architect Honored for Design." The Republican, January 13, 2013.

"Architect Caryn Brause (EcoBuilding Bargains Architect) Wins Award for Design." Waste & Recycling News, January 2013.

"Deconstruction & Design." This Old House. Public Broadcasting Service, Original airdate: October 11, 2012.

Voices from the Field: From Design Concept to Reality." WMAIA Newsletter, Fall 2014.

# **3.0 Exhibits**

The Designer's Field Guide to Collaboration Voices from the Field Teaching: Design, Technical & Collaborative Skillsets Technology | Architecture + Design TAD 4:1 Translation EcoBuilding Bargains Arrivals El Corazón • The Heart of Holyoke

# The Designer's Field Guide to Collaboration



Role of Nominee: Author and Researcher Publisher: Routledge Date of Publication: 2017

## Declaration of Responsibility I have personal knowledge of the nominee's responsibility for the project listed above. Stephen Schreiber FAIA Chair, Department of Architecture University of Massachusetts Amherst

# The Designer's Field Guide to Collaboration provides practitioners and students with the tools necessary to collaborate effectively with a wide variety of partners in an increasingly complex design environment.

Prof. Brause's work draws on the expertise of top professionals in the allied fields of architecture, landscape architecture, engineering and construction management. She assesses research from diverse disciplines such as software development, organizational behavior, and outdoor leadership training. Brause then examines emerging and best practices for effective team building, structuring workflows, enhancing communication, managing conflict, and developing collective vision all to ensure the highest standards of design excellence.

Case studies detail the collaborative processes used to create awardwinning projects by Studio Gang, Perkins+Will, Tod Williams Billie Tsien Architects | Partners, Gensler, CDR Studio Architects, Mahlum Architects, In.Site:Architecture, and Thornton Tomasetti's Core Studio. Brause also provides pragmatic ideas and formal exercises for brainstorming productively, evaluating ideas, communicating effectively, and offering feedback.

By emphasizing the productive influence and creative possibilities of collaboration within the changing landscape of architectural production, the book proposes how these practices can be taught in architecture school and expanded in practice. In a changing world that presents increasingly complex challenges, Brause demonstrates that collaboration is crucial to the process of creating advanced architecture.

#### Awards

2018 PROSE Award Honorable Mention, Social Science Textbook
 2017 First Prize, Building Technology Educators' Society Book Award

## **Related Efforts: Selected Papers and Presentations**

- 2018 "Collaborative Beginnings: Developing Collaboration Skills in an Interdisciplinary Design Seminar," National Conference on the Beginning Design Student, Cincinnati
- 2017 "Constructing Relationships: Examining Project Structures to Align Design Conception and Realization," Building Technology Educators' Society Conference, Des Moines
- 2017 Community Practice, Boston Architectural College, Boston
- 2017 "Collaboration: Propelling An Expanded Practice," ACSA Annual Meeting, Detroit
- 2017 Lecture: New Jersey Institute of Technology, Newark, NJ
- 2017 "Collaborative Practices: Communication Flow and Information Exchange,"Constructed Environment Conference, Krakow
- 2017 Lecture: The New School of Architecture & Design, San Diego
- 2017 Lecture: Mass College of Art and Design, Boston



Pages from Chapter 3 "What Does Collaboration Look Like?" "The book provides a field guide to contemporary collaborative practices—chapters introduce issues and ideas inherent to collaborative work and explore them through a range of case studies. The text was developed through a series of interviews I conducted with dozens of contemporary designers. Leaders in their fields, these practitioners have been widely recognized for the design excellence of their work, in publications, and through professional design awards. In my initial conversations, I asked architects to identify their own particular set of collaborators and to elaborate on how they go about structuring their collaborations. Although some partnerships and processes were unique, commonalities and overlaps emerged. I chose to focus this text on the primary relationships and exchanges architects identified as being essential to successful project outcomes. And while the views of consultants, clients, and fabricators are represented in these pages, this book—which ultimately examines the relationship between collaboration and design excellence—is told largely from the point of view of the architect."

- From "Introduction"

"Caryn Brause's invaluable 'Designer's Field Guide to Collaboration' puts to rest the Fountainhead myth of the architect as solo genius, replacing him with the collaborative teams who really design today's buildings. Her 'Field Guide' describes the increasingly varied options for collaborating, and it offers sound advice on how to do it better. Brause couples the insights of leading researchers and writers with in-depth interviews and case studies. Her lessons for successful collaboration will help everyone from students to experienced practitioners."

> - Jay Wickersham, FAIA, Esquire, Associate Professor of Architecture in Practice Harvard Graduate School of Design



#### Mahlum Architects

Wilkes Ele Manum, Wilkes Elementary School, Bainbridge Island Sch District, Bainbridge Island, WA, 2012 The school fosters environmen ental s by co connecting students e while also integrati of sustainable design s, including on-site waste-eatment, 100-percent

eothermal and water-to-at-pump heating system, windows, and non-toxic

rials thr

This chapter has looked at some of the mindsets, structures, strategies, and This chapter has looked at some or the mindsets, structures, surveyes, and practices that propel design teams to continuously improve their work and their processes. Instead of looking at a particular building, this case study looks at a firm that has built continuous improvement into the firm culture.

Mahlum Architects, founded in Seattle in 1938, is an eighty-person firm with offices in both Seattle and Portland.<sup>29</sup> In 2014 Mahlum was awarded the AIA Northwest and Pacific Region Firm Award. Their attention to continuous improvement is reflected in the thoughtfluences paid to many aspects of the firm, including the way that the office is structured. The firm is led by three firm, including the way that the office is structured. The firm is led by three studio directors. Each director leads one of the three market-based studios, one focusing on health care projects, another on K-12 schools, and the third on higher-education projects, including student housing. There is considerable attention paid to cross-pollinating between the two offices, while, at the same time, breaking down the eighty-person firm into smaller, more manageable communities that encourage orgiong professional growth. What makes Mahlum interesting in the context of this chapter is that they have set up internal metrics to encourage continuous improvement with both quantifiable and intangible goals. In 2005 the firm crafted a stra-tegic vision for the subsequent ten years, which included annual goals for

CHAPTER 7 Continuous Impro

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**Pages from Chapter 7 Case Study** "Continuous Improvement" Mahlum Architects

To pursue sustainable design strategies, "we were asking alot of our consultants to come to the table and actually participate in the framing and the forming of our projects. And within those first 3-4 years, we started to practice architecture in a fundamentally differently way... And now we don't have conference rooms big enough because everybody joins in!...Our world is more complicated, it's performance based."

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- Anne Schopf FAIA, design partner from Chapter 7 Case Study: Mahlum Architects

CHAPTER 7 Continuous Improv

"It takes collaboration to realize truly great projects. Caryn Brause's new book is an insightful resource to assist architects in collaborating in innovative fashion to create excellent designs. Building on, and advancing the literature, Brause dissects the collaborative process, illuminates the key issues, and demonstrates brilliant and provocative possibilities when collaboration is orchestrated as she describes. The work is a genuine synthesis, and will be a contribution to both practice and academic realms."

- Andrew Pressman, FAIA, Architect and author of Designing Relationships

# **Voices From the Field: From Design Concept to Reality**



Role of Nominee: Educator and Researcher Dates of Activity: 2013 - present Image Credits: Caryn Brause and students

In *Voices From the Field*, Prof. Brause has developed a model of classroom and field-based learning that addresses topics that are difficult to understand in an academic environment, such as project structuring and delivery methods, the regulatory environment, finances, and labor. She successfully links these concepts to realworld examples, providing students with direct experiential knowledge of practice issues.

This project was initially supported by the 2013 NCARB Award; Brause's course objectives sought to address recurring themes identified in the 2012 NCARB Practice Analysis, including the need to establish an early understanding of construction sequences and the Architect's role from design to construction. Each semester, Brause's students analyze five different projects under construction that are pursuing high performance standards, such as the Living Building Challenge and LEED. She teaches students to review construction document sets and then she leads visits to active construction sites with practitioners to compare topics studied in the classroom with construction realities.

As the profession looks for ways to shorten the licensure process and eliminate months or years of internship, Brause fills an essential need by addressing these practice issues through experiential learning in the academy. Students have confirmed this in their course reflections, indicating that they are more confident entering the profession with their broadened understanding of practice. Brause's work is widely disseminated, impacting architectural education through outreach in lectures, conference papers, public presentations, and exhibits.

#### **Awards**

2015

2015

2015

2014

2014

- 2016 AIA/ ACSA Practice + Leadership Award
- 2013 NCARB Award for the Integration of Practice and the Academy

### **Related Efforts: Selected Presentations & Exhibits**

- 2017 "Constructing Relationships," BTES Conference, Des Moines
- 2016 ACSA Annual Meeting, Practice + Leadership Awards, Seattle
- 2016 Architectural Education Winners Traveling Exhibit
  - ACSA Annual Meeting, Seattle, WA
    - AIA National Convention, Philadelphia, PA AIA Headquarters, Washington, DC

Featured speaker, NCARB Annual Business Meeting, New Orleans "Foraging for the Curriculum," BTES Conference, Salt Lake City

- "Internerse in the academy." ADCC Conference, Chicago
- "Intern architects in the academy," ARCC Conference, Chicago
- Video presentation, AIA/NCARB IDP Coordinators Conference Video presentation, NCARB Annual Business Meeting, Philadelphia

Chair, Department of Architecture	
University of Massachusetts Amherst	

I have personal knowledge of the nominee's

responsibility for the project listed above.

**Declaration of Responsibility** 

Stephen Schreiber FAIA

#### **SECTION 3.0: EXHIBITS**

Prof. Brause collaborates with practitioners at UMass Campus Planning to source a core set of projects for each semester. She has anchored the course case studies through the University's \$500 million, ten-year construction plan by studying a diversity of project types and construction phases. She thereby provides a translatable model for other architecture programs at flagship universities located far from urban centers. Brause's partnerships with pracitioners from Campus Planning as well as local firms have provided her students with insight into career opportunities and roles in both private and institutional settings.



Following each site visit, Brause's students synthesize and reflect on their experiences by composing Field Reports. Their Field Reports include photographs juxtaposed with annotated excerpts from construction documents and descriptions of the transformations they observe in the field. Her students' Field Reports also include reflections on aspects of the design and construction process that were not apparent from the construction documents alone, such as issues of project management, labor, finances, collaboration, the role of technology, and professional conduct.

Prof. Brause compiles a representative collection of these reports into a reference book each semester. She then analyzes the reports for how often the varied "Issues that are Central to Practice" were explored. She conducts qualitative data analysis to compare student understanding of issues based on project type, phase of construction, and delivery method. Brause's analysis enables her to create better, more tailored future course iterations.

Student Work by Evan Janes and Elisabeth Baird

#### DESIGNING FOR THE REAL WORLD

observed in these instances. The dotted

aspect of these drawings is that the show how structural systems in the same area may be offset in order accommodate the different thickness Another interesting aspect of this project was how apparent the expansion joints were in the building, and how well we were able to observe these moments when we visited the site; whereas these joints were more concealed in the second of various materials. As in the photo below this condition is general more the Champions Center because that project was farther along. The attention apparent at corners, but may also be project was farther along. The attention apid to these particular instances in the drawings was immense. The photo to the far right shows one instance where the structure is accommodating an expansion joint. The image beside it displays a similar instance, showing how the floor and coilings interact along an expansion joint. The red dotted line highlights the continuous spacing created between the structural red lines show the difference in heigh of the be lines illustrate how the they align at the top surface. components along the expansion joint. The images at the bottom right are also details showing conditions along the expansion joint. Another interesting

The images to the right show decl details at the expansion joint(s). Note that the materials and height of the vide-flange beams differ to either side This is not necessarily the case at all Into is not necessarily the case at all points along the expansion beam, but is rather a result of the different uses of spaces on either side. The height of the beams varies because of the thickness of the truss ends which are resting on one beam but not the other. Lowering one beam allows for the floor urfaces to be at the same level

#### EXPOSED STEEL VERSUS ARCHITECTURALLY EXPOSED STEEL

ted to be left visible, (i.e. columns) are painted and clearly different rizontal wide flange beams that will be concealed and left unpair a thin coat of protective rust.



Seeing the bare structure was a unique Seeing the bare structure was a unique experience in a number of ways. Firstly, it allowed us to better understand the physical characteristics of steel structures. Second, it allowed us to see how the systems snake their way through the structure; something that will be hidden obviously be concealed none the waller are finished. Thirds, it will be hidden obviously be concealed once the walls are finished. Thirdly, it allowed us to understand the process by comparing and contrasting the steel that would be visible, and that which would not. The different end states of the steel where fairly readable by the

condition in which they existed during condition in which they existed during our visit. That which was going to be visible and exposed, which was most abundant near the future site of the curtain wall, were already primed/ painted gray. The steel which was to be encased within the walls or service areas were left unpainted and was lightly ruting. Exitence, are wain the not realized that rust worked in the same manner for steel, having always seen it as more of a catalyst. It seems quite certain to me that rust is not as areas were left unpainted and was lightly rusting. Furthermore, as we saw in the framing plans, the exposed elements were all HSS while the majority of the hidden elements were wide flange beams. What was particularly interesting to me was that Richard said the layer of quime certain to me that rust is not as effective and that is another reason why all of the exposed elements were painted, not just for aesthetics but also out of necessity.

#### PROJECT DELIVERY METHOD

This project was extremely unique to the other site: that we have visited for several reasons. Not only was it the only fit-out project as opposed to new construction, it was also developed through an Integrated Project Delivery strategy. This approach demands the involvement of the construction team and general contractor from the very beginning of the process.

More commonly, projects are developed throu Design-Bid-Build strategies in which the archite send out finalized drawings that construction teams then respond to with cost estimates. As a result, the then respond to with cost estimates As a result, the architecture film has a much greater responsibility to generate extremely accurate drawings so that changes aren't made later in the project after the budget has been set. In addition, the relationship between the architects and construction teams becomes tenuous as a result of discrepancies and misunderstandings between the two.

Integrated Project Delivery eliminates a majori these issues because it integrates the two teams al the very beginning of the process. All stakeholders in the project share the risks and rewards as well, In the project share the ness and rewards as well, hus creating a multially supportive relationship, Josh D'Gloria, the general contractor, described to us the ways in which this strategy greatly maximizes efficiency. His role during schematic design was to give immediate feedback on costs and feasibility. This meant that there was a lot of time saved in the long run since value-engineering plays a much nee enginement. less significant role.

communicated was in their main conference room Lining each of the four walls were calendars that

eduled the coordination between the design and construction teams. The organization

Impressive and utilities any or in the utility site contention to contrast we had seen (prior), explosible of this memory with the variety of colors that each indicated a different sub-contractor. In this way, all the workers had a comprehensive and visual understanding of the work of other teams and the pace at which they should be accomplicitly given tasks. It had proved to be an extremely efficient and successful strategy according to both Josh and Kris at the time.

impressive and unlike any of the other site conference rooms we had seen prior. Josh described his intentio

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ective to the s While I was aware that the thin layer of aluminum-oxide acted as a protective measure for exposed aluminium; I did not realized that rust worked in the same manner for steel, having always



### **SECTION 3.0: EXHIBITS**







#### **Practitioner and Student Feedback**

"Overall, I not only found this program to be hugely enriching for the students, but for the architectural community as a whole....I would go so far as saying that this program is sorely needed at all architecture schools and should be expanded to be a mandatory part of every architectural program...The class is based on a simple premise, yet it turned out to be one of the most important classes in an architecture school curriculum."

- Marc Sternick AIA, Principal, Marc Sternick Architect

"I found the students to be attentive and asking questions that opened discussion on many topics that offer learning opportunities....I think that such discussion is sharpened by your having organized the course into a classroom meeting, in which the design program and documentation are reviewed (and some of the peculiarities revealed), and then a second meeting at the construction site."

> - Bruce Coldham FAIA, Founding Principal Coldham + Hartman Architects

"Honestly, during the first site visit I had no idea of what I was looking at. In my professional experience as an architect in several important projects, I have not had the chance to go to construction sites and talk with contractors. By asking lots of questions and collecting information about building science, I gradually accumulated more and more knowledge about construction...The comprehensive knowledge that I acquired towards building and constructing will definitely benefit my future study and professional life."

#### - Yi Wang, M.Arch 2015

"I really appreciated the broad scope of the conversation—as I think the students did as well. Instead of focusing solely on construction details (as I did in graduate school), it was far more interesting to relate some of those specific design decisions to the larger context the role of the client, OPM, architect, and contractor; lessons learned from the project; and how much of the process is really dependent on human interactions in addition to what gets put on paper."

> - Kristian Whitsett AIA, Principal Jones Whitsett Architects

"I was particularly interested in practice issues and the collaboration dynamic, especially how Coldham + Hartman advance their professional practices by a combination of novel high performance and paradigm advancing work such as the Living Building Challenge with renovation and performance enhancing work...This was enlightening for me as a professional who aspires to work in a challenging environment where there is the absence of the market that actively supports elaborate architecture design projects and views sustainability as an expensive design endeavor."

- Silva Olaoluwa, M.Arch 2015

# Teaching: Design, Technical & Collaborative Skillsets



## Role of Nominee: Professor

Images from 2016 Arch 400/ Ark Studio Projects by Phil Chang and Dylan Brown

#### **Declaration of Responsibility**

I have personal knowledge of the nominee's	
responsibility for the project listed above.	

Stephen Schreiber FAIA
Chair, Department of Architecture
University of Massachusetts Amherst

Prof. Brause prepares students to engage in a dynamic professional context that requires attention to disciplinespecific needs, such as evolving technical and interpersonal skillsets. At the same time, she designs her courses to also engage broad public concerns, such as community revitalization and sustainable development.

Brause has taught a broad range of courses, including seven different undergraduate and graduate studios, a two-course graduate digital lab, and two advanced seminars. Every year, she sponsors thesis students, independent studies, and research projects at the graduate and undergraduate levels, which result in built work, awards, exhibits, and publications. While covering design curricula, Prof. Brause frames problems within a critical context and asks students to contend with some of the forces shaping architectural practice, such as resource scarcity, urban vacancy, and post-oil development. By modeling ways to address these challenges through design, her students can respond meaningfully to these issues in their careers.

## **Selected Course Examples**

**ARCH 400 The Ark Studio** In this undergraduate studio, Brause features making at a variety of scales, including full-scale prototyping, to generate a tectonic agenda for their work. Her students gain collaborative skills by working together on research and design projects. In a recent iteration, the *Ark Studio*, students considered the architectural implications of the cross-species cohabitation necessary for post-oil resilient community design.

**ARCH 404 The LightHouse** In this senior level Civic Engagement and Service-Learning studio, Prof. Brause exposed students to community engagement and digital fabrication practices. Her students devised participatory design strategies to work with students from their community partner, an alternative middle and high school.

**Arch 541 Digital Fabrication Lab** Prof. Brause designed this fabrication course to emphasize material explorations, tooling operations, and a file-to-fabrication workflow.

#### Selected Exhibits & Presentations related to Design Pedagogy

- 2018 "Begin with Why: Values and Ethics in Beginning Design," ACSA Annual Meeting, Denver
- 2017 "Housing the Urban Animal," ACSA Annual Meeting, Detroit
- 2016 "Housing the Urban Animal," Exhibit NYPOP Gallery, NYC
  - "The Ark: Grafting Productive Programs onto Contemporary Waste-space," ACSA/AIK International Conference, Seoul

2014









## **Selected Course Examples and Feedback**

## Arch 541 Digital Fabrication Lab

In this lab, Brause's students explore tools' potential and constraints, as they experiment, iterate, and fabricate. Her process provides an immediate feedback loop for their beginning design investigations, many of which connect to their studio projects.

"The strength of this course is the fact that it merges technical skills with theoretical thinking as well as workflow management. I think this course ties those different modes of learning well together in a mutually supportive way." - Arch 541 anonymous course evaluation

"I felt that the course is designed in a way that many different individuals can feel comfortable with the work that they have to do to feel productive in the class, and come away with more knowledge than before."

- Arch 541 anonymous course evaluation

Student Work by Dylan Brown and Xing Yu

# Arch 404 The LightHouse Community Engagement & Digital Fabrication Studio

Brause first identified a set of needs with her community partner. She then led a studio to develop designs for an adjacent parking lot to be used for academic outdoor activities. Working with their middle and high school clients, Brause's students co-designed the underutilized outdoor space. Once the site designs were complete, they prototyped and digitally fabricated custom furniture elements.

"My students enjoyed learning about design process very much. From my perspective, seeing them developing their speaking and critical thinking skills, and most especially, learning to see college and inspiring careers as real possibilities, was an absolute joy. Thank you for giving them access to a potential world of possibility."

- Catherine Gobron, Co-Director LightHouse Holyoke

Student Work by Maggie Cassidy, Molly Clark, Zhenxing Gu, Philip Rizzo, Wandy Pascoal, Lindsay Todaro, Jordan Young





## **Selected Thesis Advisees & Projects**

# From Vacant to Vibrant: Proposing a New Approach to the Anchor Space Typology

"I would like to acknowledge the profound role that Professor Brause has played in my academic and professional development...Brause's genuine interest and active engagement in my success have influenced me tremendously and have helped me to secure summer, academic-year, and fulltime employment opportunities... It is worth noting that Brause has developed similarly strong and meaningful connections with many students, both graduate and undergraduate. Furthermore, Brause's unique ability to truly understand and appreciate students' diverse goals and skill levels enables her to effectively guide her students and develop pedagogical approaches to design and digital education that reflect this diversity."

- Samantha Greenberg Dubroshin, M. Arch 2014

# Building Hope: Community Building and Water Initiative

Christopher Mansfield, M.Arch 2016 2016 AIA Annual Emerging Professionals Exhibition 2016 Third United Nations Conference on Housing and Urban Sustainable Design Exhibition 2016 Greenbuild Los Angeles Exhibition



# Technology | Architecture + Design



Role of Nominee: Founding Editorial Board Member and Design Editor Publisher: Taylor & Francis Dates of Activity: 2015 - present Image Credits: Authors as noted

#### **Declaration of Responsibility**

I have personal knowledge of the nominee's
responsibility for the project listed above.
Andrzej Zarzycki

Executive Editor, Technology | Architecture + Design Volumes 1 and 2 Associate Professor, NJIT Prof. Brause and her fellow founding editorial board members created the journal of *Technology* | *Architecture* + *Design (TAD)* to provide a central, peer-reviewed venue for architectural and building technology researchers.

Brause and her collaborators identified a lack of publishing opportunities focused on building technology research and its integration with design, obtained support from the AIA and the Building Technology Educators Society, and formally established TAD in 2017, creating the first new journal sponsored and published by the Association of Collegiate Schools of Architecture (ACSA) in seventy years. Aimed at researchers, educators, and practitioners, the journal advances current discourse on building based technologies and their role in architecture and design.

In May 2017, Prof. Brause and her colleagues published TAD's first volume. Within the first three years, they achieved a competitive acceptance rate of 22%. In the first seven issues, she and her colleagues published forty-one peer-reviewed papers featuring original research in Environmental Design, Digital Design, History of Building Technology, Project Delivery, Health and Wellbeing, and Research Methods. Collectively, thse papers demonstrate the global, interdisciplinary and collaborative nature of architectural research. Moreover, Prof. Brause and her fellow editors actively solicit articles to advance the culture of research in architecture, a field where only one-third of faculty have advanced research degrees.

Prof. Brause and her colleagues have created a unique, finely crafted journal that infuses visual thinking into every aspect of the publication and its wide-ranging research topics. As the journal's first Design Editor, Brause was the leading voice on the Editorial Board responsible for shaping the visual design of TAD. She ensured that even the most highly technical subject matters are presented in a way that renders them accessible to a broad design audience. As Design Editor, Brause worked with the Editorial Teams to articulate the value of research contributions through the language of design in order to increase the potential for practical translation.

#### **Related Efforts: Selected Presentations & Workshops**

- 2019 "Defining Your Research," Workshop, ACSA Annual Meeting, Pittsburgh
- 2018 "Architectural Research 101: What, How & Why?" AIA Conference on Architecture, NYC
- 2018 TAD Author Session Organizer, ACSA Annual Meeting, Denver
- 2018 "Defining Your Research," Workshop, ACSA Annual Meeting, Denver
- 2018 "Exploring/Defining the Research Landscape Within the Discipline of Architecture," Webinar Organizer and Moderator
   2017 TAD Prospective Author Session, ACSA Annual Meeting, Detroit



**Submitted Peer Review Article:** "Three Experiments in Wood and Computational Design" by Marcin Wójcik

**Submitted Peer Review Article:** "Performance Based Simulations for Membrane-based Enclosures" by Helen Bergstrom, Ryan Abendroth, Jonathan Knowles, and Derek Stein

"A personal note of gratitude: Just received my print copy of TAD 1:1. It's substantive, engaging, beautiful... truly fantastic! Grateful for the dedication that has made this possible."

Marilys R. Nepomechie FAIA -2015-2016 President Association of Collegiate Schools of Architecture

"I can say that I have heard many positive comments from people who have seen Issue 1. People are duly impressed. Amazing job!"

- John Cays, Associate Dean for Academics, New Jersey Institute of Technology

"The experience with the journal was exceedingly pleasant from the word go. The review process was fair, prompt and thorough and it improved the quality of our paper. Before the final print, it was ensured that the paper meets an exceptional standard of presentation. We also feel honoured to be a part of your inaugural issue."

- Mohamad T. Araji, PhD, Associate Professor, University of Manitoba

# **TAD 4:1 Translation**



Role of Nominee: Issue Editor Publisher: Taylor & Francis Date of Publication: 2020 Image Credits: Authors as noted

#### Declaration of Responsibility

I have personal knowledge of the nominee's responsibility for the project listed above.

Marci S. Uihlein, PE, M.ASCE, Assoc. AIA Executive Editor, Technology | Architecture + Design Volumes 3 - 5 Associate Professor, University of Illinois at Urbana-Champaign For TAD Issue 4:1, *Translation*, Prof. Brause sought scholarly submissions, creative designs, and primary research that investigate the means by which design concepts become translated into the built environment. To accompany the submitted articles, she invited essays and research papers that advance architectural research capabilities.

Brause wrote the call for peer review submissions to address several areas of architectural investigation. First, the call asked submitters to discuss how new physical testing methods are diversifying and are impacting the design and decision-making processes. Brause published several papers that advanced this work, including an invited article on mass-timber performance-based codes by leading timber structural and fire safety engineers, and a peer review paper that applies rigorous analysis to a fundamentally unpredictable process—the natural formation of cracked clay patterns.

Second, Brause sought to expand venues for considering how underlying organizational structures enable, or present barriers to, architectural production. She asked submitters to consider whether new organizational forms are emerging and whether they are leading to transformations in architectural practice and production. She published several examples of scholarship in this area, among them an invited paper that describes the organizational structure of an international transdisciplinary research project studying the integration of aquaponics in urban environments and a peer review paper that analyzes Guastavino specifications to generate insights into historical changes in the design and construction industry.

Brause particularly highlighted the potential for social science methods to advance architectural research agendas. For example, she invited the founder of a layout automation startup to describe the anthropological methods they employed to develop a product for the construction market. As a counterpoint, she invited a paper from an interdisciplinary team who are critically interrogating the development, deployment, and impact of artificial intelligence technologies on the future of equitable work. She also published papers featuring an openness to expanded methodological strategies, among them an invited paper employing open-access data sets to demonstrate how researchers can frame inquiries and test hypotheses about the built environment using quantitative social science methods. Through these invited and peer reviewed submissions, Prof. Brause stimulated research in areas of the field with limited architectural research precedents.

#### **Related Presentations**

2020 "Process of Design to Realization: TAD Authors Panel," ACSA Annual Meeting

#### **SECTION 3.0: EXHIBITS**



rebar were used as the floating compression members of th Tensegrity Cushions. Twisted string line was used as temp ary rigging for each of the floating compression members allow for their adjustment once installed (Figure B). Once all It floating members were tunnel into the desired position, lie wit replaced the builted string line. This replacement of the coult uses string with individually secured lie writes floated the float ing compression members in their locations. The generatry we meak with was floated and secured to the their security meaks which was floated and secured to the their security Drawing from the success of System A: softed this. System textended the length of the floating compression member These extension offsets. like the offset links, allowed for the itsching of the first-heef hard's canding compression member These redursion offsets. In this system, the secondary weare leade across to extension offsets. In this system, the secondary weare leade across the extension offsets. In this system, the secondary weare leade across to additional role of adding structural stallity because the tens

#### Page from Submitted Peer Review Article

six 12-inch × 12-inch (0.31 m x 031 m) Te

, three wide by two tall, were established by stak 36-inch (0.91 m) #3 rebar vertically at twelve inche

on (Figures 6 and 7)

"Fabric-Lined Tensile Formwork for Cast-in-Place Concrete Walls" by Kristopher Palagi

s' orienta-



various studys and using the intervention of produce transfer of taction models. The aim was to develop a process that could employ digital fabrication and mass-customization manutacturing to realise the complex geometric forms through a likt of parts approach. The script used native comparational nodules with Grasshopper and open-source commanitydeveloped plugins, including Exoskietcon2 (Piter and Stasuk 2014). Weaverthet 00:0.01 (Piscenthet 2009), TT follows 1.9 (CORE: Studio at Therriton Tomasetti 2017), Meshr (Mass 2017, Element' 11 (Quinones 2015), and Kangaroo 2.42 (Piter 2017). The algorithmic process follows a steped logic of modeling translations to create and manipulate the node Multiple prototypes were made via Lulzbot Taz & (PLA and nylon) and MakerBot Replicator Generation 5 (PLA) desktop 3D printers to test rigidity, constructability, and reasibility of node production. The final nodes were produced with the same equipment. Easily accessible filament materials of PLA and nylon were used and tested for consistency, durability, function, part matching, and manual strength to refine production parameters, ensuring structural integrity and quality control of each print. Cura Lulzbot Edition software (Braam 2013) was used to refine fabrication and material parameters throughout testing and production (Figure 7).

#### Page from Submitted Peer Review Article

"Making a Sensory Cocoon: Translating Discrete Sensory Needs into a Built Solution with Emerging Digital Fabrication Workflows" by Jonathan Essary, Giyoung Park, Lisa Adams & Upali Nanda, HKS

"The value of translation—of bridging the divide between concept and realization, between academia and practice—has been a core editorial mission of this journal since its inception. The work presented in this issue suggests that we need not position research and practice on opposing sides of a conceptual divide. The working methods that designers routinely bring to professional practice can be critical assets for developing more systematic yet unapologetically creative research practices. These habits of mind, such as the ability to recognize new problems and reconceptualize existing ones, to incorporate criticism, to be comfortable with ambiguity, and to change direction when the current problem-solving strategy proves ineffective, are essential for generating new knowledge. Thus, we might consider how the disciplinary logic and training of designers, architects, and engineers can inform a research agenda that, in turn, can nurture a more vibrant and sustainable built environment.

...Through a combination of creative framing and systematic exploration, the work in this issue of TAD cogently demonstrates how the knowledge platform of architectural research may be expanded to improve the built environment and contribute to the public good. In doing so, the work invokes a vital relationship between research and practice, breaking down perceived barriers to effective knowledge sharing."

- From Brause's Editorial "Creative Framing, Systematic Exploration"

PONCE DE LEON



ohn Horner)

Throughout Western history, the human body has been central to arthretcure, either as an ideal measure of construction with the building (such as Architectural Graphic Standards), Egiptal fabrication undermines this concept with our ability to produce innumerable variations. If historically, custom-made arthretcure was relegated to the few who could afford it, dgtal fabrication makes the "custom" affordable and potentially validable to many. Thus, with mass customization, we have the opportunity for design to embody many human figures rather than an idealized or averaged body.

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#### Page from Invited Op/Position Essay

"Architecture is one of the few fields where scholarship, creative practice, and technology have historically been intertwined... Yet our measures for academic success do not reflect this. Funding and dissemination have not favored projects that explore the translation and integration of research in architecture and design."

> - Monica Ponce de Leon, Princeton University "Research, Practice, and the Making of Architecture"



### Pages from Invited Research Methodology Article

"The Helsinki Central Library, Oodi, is characterized by an ambitious, large-scale wood facade. To obtain the best possible wood quality and durability, the research team examined the whole production chain: from the procurement of raw materials to the maintenance of the finished facade.... Through a rewarding dialog between research and practice, a set of guidelines were developed for the Oodi cladding that set standards for future wood construction in Finland."

- Anna-Mikaela Kaila & Pekka Heikkinen, Aalto University "Designing for Durability: Helsinki Central Library's Wood Facade"

# **EcoBuilding Bargains**



Role of Nominee: Design Architect Architect of Record: Stephen Jablonski AIA Image Credits: Peter Mauss, ESTO Location: Springfield, MA Date of Completion: 2012

**Prof. Brause's award-winning renovation of a warehouse** features exhaustive reuse of materials and building components across every level of construction, from structural elements and roofing materials to interior fixtures and furnishings. As sustainable building practices move beyond energy efficiency to focus on the overall reduction of the industry's carbon footprint, repurposing existing materials grows in importance.

The project, built for a non-profit whose mission includes advancing consumer practices around materials reuse, serves as a didactic tool to promote repurposing at all scales of architectural intervention. Brause's non-profit client pioneered the repurposing market in New England and their original store sold donated materials at below-retail prices. However, housed in a crowded maze-like space, the original store appealed primarily to industry insiders. To take reuse mainstream, the director purchased a warehouse on a larger, more convenient site to expand the center's deconstruction services and product offerings. The center simultaneously overhauled its brand, which Brause incorporated into the new façade, creating a highly visible street presence.

Brause's design for repurposing the vacant structure powerfully illustrates the non-profit's ethos. The facade design highlights the use of insulated metal panels as part of a deep energy retrofit while conveying the nonprofit's message to passersby. Whereas these design moves telegraph big box reliability, her design for the entry vestibule and interior millwork present reused materials in a modern idiom. Through these design features. Brause encourages contractors and homeowners to think about design as a creative outgrowth of material properties.

#### **Awards** 2013

2012

2012

	1	1	AIA	New	England	Citation	Award
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Western Massachusetts AIA Merit Award

Western Massachusetts AIA People's Choice Award

#### Related Efforts: Selected Exhibits, Presentations & Tours

2014	Northeast Sustainable Energy Association Meeting and Tour
2013	🧱 AIA New England Design Awards Exhibit, ABX, Boston
2013	Building Material Reuse Association DECON 13, Seattle
2013	Northeast Sustainable Energy Association Meeting and Tour
2013	Northeast Energy Efficiency Partnership Summit, Tour
2013	🛛 🌌 AIA New England Awards Exhibit, DCU Center, Worcester
2012	This Old House Television show, "Deconstruction & Design"
2012	🌌 AIA New England Conference, Burlington, VT
2012	🧱 "Be Local Build Local" WMAIA Exhibit, Northampton

<b>Declaration of Responsibility</b> I have personal knowledge of the nominee's responsibility for the project listed above.
John Majercak, Client



"Caryn's approach brought together our mission and the technical and aesthetic aspirations for the new space into a beautiful, functional, cohesive reality. The space welcomes those we serve, clearly demonstrates and promotes our mission, and established an important landmark for our organization and its work."

> - John Majercak, Client President, Center for EcoTechnology

# **Arrivals**



Role of Nominee: Co-Design Lead Location: Holyoke, MA Date of Completion: 2015 Image Credits: Center for Design Engagement

# Declaration of Responsibility

I have personal knowledge of the nominee's responsibility for the project listed above.

Joseph Krupczynski Director, Center for Design Engagement Professor, University of Massachusetts Amherst Prof. Brause and her collaborator won an open competition to create *Arrivals*, a public art and infrastructure project that transforms a key gateway between downtown Holyoke and an adjacent residential neighborhood. The project vividly captures Holyoke's rich immigrant and migrant experience by sharing their varied arrival stories.

For over 150 years, immigrants from Europe, Canada, and Puerto Rico have flocked to Holyoke to create a better life for themselves and their families. With each successive wave, these new inhabitants have redefined the former papermill town.

*Arrivals* is comprised of an LED-lit wall of digitally fabricated panels that depict an historic Main Street scene, representing Holyoke's history as an industrial textile and paper producing city. Set within the wall are three "story boxes" comprising excerpts of Holyoke resident's arrival stories. The stories, gathered through a series of public engagement sessions, capture a diverse cross section of residents—from those who were born here in the early part of the 20th century to those who have recently arrived. Importantly, the panels are in Spanish and English, which speaks to the demographics of adjacent neighborhoods, inviting participation in the public domain of a city that has been nourished by, but has not always been accessible, to non-English speakers.

Brause and her collaborator designed *Arrivals* to operate at several levels. As public infrastructure, it lights a formerly desolate underpass, providing a safe connection between a lower income neighborhood and the central business district. As public art, it reflects the many voices and the cultures that have shaped, and continue to shape, Holyoke's past, present and future. As a public engagement process, it provides a model for creating community receptivity for creative placemaking. As a local production, its perforated panels and LED lighting highlight the advanced capabilities of regional fabricators. Finally, the project signals municipal commitment to reinvestment in the neighborhood and aims to galvanize support for the future development of the adjacent historic, but now unused, H. H. Richardson train station.

## Awards

2016	🧱 Western Massachusetts AIA Citation Award
2015	Winner, Mosher Street Underpass Project Competition

#### **Related Efforts: Selected Presentations and Public Outreach**

- 2016 Annual ACSA Meeting, Seattle
- 2016 Multiple Artists' Tours and Talks, Holyoke
- 2015 Installation Opening, Artists' Tours and Talks, Celebrate Holyoke
- 2015 Field work and outreach, Holyoke Senior Center, Holyoke City
  - Hall, Gateway City Arts, Congregation Bnai Zion, Holyoke







"Professor Brause was an integral author of the 'Arrivals' monument in Holyoke. It represents the first significant public art piece commissioned by the Morse administration and became the model by which all other public art projects in the City were pursued and judged. It has defied the projections of public art skeptics and met the goals & greatest hopes of its proponents. 'Arrivals' is now an indelible piece of Holyoke's identity in this neighborhood."

- Marcos A. Marrero, Director Planning and Economic Development, City of Holyoke

# El Corazón • The Heart of Holyoke



Role of Nominee: Co-Director, Co-Design Lead Location: Holyoke, MA Dates of Activity: 2016 - present Image Credits: Center for Design Engagement

#### **Declaration of Responsibility**

I have personal knowledge of the nominee's responsibility for the project listed above.

Joseph Krupczynski Director, Center for Design Engagement Professor, University of Massachusetts Amherst

# El Corazón • The Heart of Holyoke is a creative placemaking project whose primary objective is to develop spaces and places of belonging and inclusion for the largest per-capita Puerto Rican community in the diaspora.

Prof. Brause and her collaborators are developing *El Corazón* with a Public Art and Creative Placemaking Master Planning process supported by an NEA "Our Town" award and significant public and private matching funds. The master plan is progressing concurrently with communitybased efforts to increase the visibility of the Puerto Rican Cultural Area, newly created to celebrate the cultural vitality of the city's Latinx population. These efforts aim to improve neighborhood perceptions, increase cultural pride, and provide economic opportunities for residents in the context of dual challenges: longtime ethnic marginalization and the recent influx of climate migrants from Puerto Rico.

Through broad strategic engagement, the master plan proposes a series of public art and infrastructure projects along Holyoke's Main Street that aim to be reflective of a complex understanding of cultural heritage and to create places firmly rooted in a multivalent diasporic cultural identity. These creative improvements include two decommissioned electrical towers that are being transformed into gateway markers for the district through dramatic lighting and bold imagery. In addition, large-scale artistic building wraps, participatory murals, site-specific installations, and a temporary pavilion will be at located at the heart of the district. These projects aim to catalyze artistic, economic, and cultural activity along a four-block section where many Puerto Rican communitybased organizations and businesses are situated. All of the work will be developed through residents' engagement with Latinx artists.

Aware that normative models of creative place-making can result in gentrification and displacement, Brause and her collaborators are developing the process for *El Corazón* with an approach that emphasizes a restorative and social justice framework. Each of the planned artistic works proposes to engage community history, and highlights the creative and social capital of Holyoke's vibrant Puerto Rican community.

#### Grants, Honors & Awards

- 2020 Holyoke Local Cultural Council Grant
- 2019 Commonwealth Place Program, Mass Development
- 2018 Bloomberg Philanthropies Public Art Challenge Finalist
- 2016 National Endowment for the Arts "Our Town" Award

### **Related Efforts: Selected Presentations and Public Outreach**

- 2019 EDRA 50 Sustainable Urban Environments, Brooklyn
- 2019 Multiple Crowdfunding Events and Celebrations, Holyoke
- 2018 Puerto Rican Poetry Reading and Interactive Workshop, Holyoke
- 2018 Puerto Rican Activists + DIY Silkscreening Event, Holyoke



"El Corazón/The Heart of Holyoke' project started as a collaboration between the City, Professor Brause, and others to plan for long-term placemaking interventions in the City's Puerto Rican Cultural Area. Her work to produce the project's master plan has been the base that has guided and now propels community involvement, fundraising, artist selection, and installations for this landmark initiative in the City. Her architectural know-how continuously untangles the most complex logistics in the project as we prepare to procure our most impressive public art installations to date."

> - Marcos A. Marrero, Director Planning and Economic Development, City of Holyoke