

EDUCATION

Master of Architecture (M.Arch II), Yale University, 2004

Bachelor of Architecture (B.Arch), Virginia Tech, 2002
Summa Cum Laude
Commonwealth Scholar (Honors Diploma)
Europe Travel Program, Semester Abroad, 2000

HONORS AND AWARDS

University of Utah, Early Career Teaching Award, 2017

Architizer, International A+ Award - Private House XS Category - Girl Scouts of Utah Summer Cabins, Finalist, 2016 (with Jörg Rügemer)

Association of Collegiate Schools of Architecture, National New Faculty Teaching Award, 2016

American Institute of Architects, National Young Architect Award, 2016

Building Technology Educators' Society, National Emerging Faculty Award, 2015

WoodWorks, Regional Excellence in Wood Design Award, 2015 (with Jörg Rügemer)

American Institute of Architects Utah Chapter, State Young Architect Award, 2014

American Institute of Architects Utah Chapter, State Design Honor Award, Girl Scouts of Utah Cabins, 2014 (with Jörg Rügemer)

Association of Collegiate Schools of Architecture, National Collaborative Practice Award, 2014 (with Jörg Rügemer)

Association of Collegiate Schools of Architecture, National Diversity Achievement Award, 2014 (with Jörg Rügemer)

Design Arts Utah, State Juror Award (top prize), 2014 (with Jörg Rügemer)

Public Interest Design Award, Honorable Mention, 2014 (with Jörg Rügemer)

University of Utah College of Architecture + Planning, Professor of the Year Award, 2013

Virginia Tech, University XCaliber Award for Contributions to Technology-Enriched Teaching and Learning, Certificate of Excellence, 2011

Virginia Society American Institute of Architects, Award for Excellence in Architecture - Arritt Farm House / OnSite, Project Consultant, 2009

Virginia Tech, Award for Excellence in Outreach - Solar Decathlon Communications Co-Director, 2005 (with Ben Goslin)

Yale University School of Architecture, HI Feldman Prize for Top Studio Project, Nominee, 2004 (with Stephen Van Dyck)

Yale University School of Architecture, Gene Lewis Book Prize for Excellence in Residential Design, 2004

Virginia Tech School of Architecture + Design, Pella Prize for Top Undergraduate Thesis, Nominee, 2002

Virginia Tech School of Architecture + Design, Top Thesis Book Award, 2002

Virginia Tech School of Architecture + Design, Henry Adams Medal and Certificate for First Ranking Undergraduate, 2002

SCHOLARSHIP + CREATIVE WORK

SPONSORED PROJECTS + GRANTS:

\$3,000 College of Architecture + Planning Community Engaged Learning Grant, “Developing the Skills of Community Engagement – Taking a Step Back” with José Galarza, Fall 2016.

\$16,565 National Endowment for the Arts Our Town Grant: “Rural and Proud Initiative,” Sub-Contract Awarded by Epicenter, Fall 2016.

\$17,700 (stipend awarded to graduate student Colby Kalian) University Teaching Assistantship - “Building Community: Tiered Mentoring and Creative Collaboration in the School of Architecture” Faculty Advisor: Erin Carraher, 2016-17.

- Awarded funding for a highly-competitive University Teaching Assistantship (UTA) position intending to develop a college culture wherein students feel confident and able to approach their fellow classmates and upperclassmen for advice, mentorship, or feedback about their experience in the program.

\$7,500 Professors off Campus, Tanner Humanities Center grant to support faculty in community engaged work off campus, Fall 2016.

\$22,750 National Endowment of the Arts Our Town Grant: “Claim It!” Arts Education and Community Art Projects, Phase 2 Curator Contract, Fall 2015 - Fall 2016.

- \$20,500 - contract contracted by the Sorenson Unity Center to curate Phase 2 – consultation and realization of community arts project installations – as part of an NEA Our Town grant - responsible for Community Art Review and Building Review process, budgeting, coordination with contractors and fabricators, and construction management of three site-specific community art projects, including the development and hosting of a community celebration for the opening of the projects
- \$2,250 - secured from the Sorenson Unity Center and University of Utah Capstone Initiative programs to provide (3) \$750 internships for undergraduate architecture students to support the project as teaching assistants to the Community Arts Educators and the Grant Administrator

\$22,000 Design-Model-Build, Funded Project, Marriott Library Fine Arts and Architecture Library, Project Directors: Erin Carraher and Luke Leither, Fall 2014 - Fall 2015.

- \$7,000 University of Utah Group Teaching Grant with Luke Leither to provide means for student design prototypes for the Marriott Library Fine Arts and Architecture Library Sculpture Garden Project, Fall 2014.
- \$3,000 raised from Library and CA+P sources to fund fabricators and exhibit designers to consult with student teams, Fall 2014.
- \$12,000 secured allocation from project budget to fund eight student research assistant salaries, Spring 2015.

\$90,000 Solid Timber Optimization, Funded Research Study, USDA Forest Service, Forest Products Laboratory, PI: R.Smith, Co-PI: Erin Carraher, 2013 - 14.

- Research to optimize the Interlocking Cross-Laminated Timber system and develop other solid timber solutions using beetle killed pine for digital interoperability and dimensional stability
- Report: R.Smith, G.Griffin, E.Carraher. *Beetle Kill Pine Phase One – Digital Interoperability*, US Forest Products Laboratory, May 2015.

\$174,000 Project: ARCHITECTURE, Funded research and creative project service grant, Girl Scouts of Utah, Co-PIs: Erin Carraher and Jörg Rügemer, Fall 2012 – Summer 2014 - *see narrative for more information regarding this project structure*

- \$150,000 contract to build three cabins at the Girl Scouts of Utah’s Trefoil Ranch Camp in Provo Canyon, Utah as well as develop a community engagement and education curriculum for the scout community
- \$24,000 donation solicited to upgrade construction material quality

\$80,000 LCAP – Leadership in Collaborative Architectural Practice, Contract, AIA National Center for Integrated Practice, PI: Ryan Smith, Co-PI Erin Carraher, Summer 2012 – Winter 2014 - *see narrative for more information regarding this project*

- Contracted research project to develop a continuing education resource for AIA National membership on the subject of Leadership in Collaborative Architectural Practice

\$1,500 MUSE Microgrant: “Representing the Creative Process,” University of Utah My Undergraduate Signature Experience (MUSE) Program, PI: Erin Carraher, Fall 2012.

- Grant to fund portfolio development workshop series for senior undergraduate students
- Project administered with Elpitha Tsoutsounakis

\$15,000 (stipend awarded to graduate student Jeremy Larsen) University Teaching Assistantship - “Digital Mentor: Integrated Peer Learning in the Digital Design Process” Faculty Advisor: Erin Carraher, 2013-14.

- Awarded funding for a highly-competitive University Teaching Assistantship (UTA) position that created a faculty-TA-undergraduate cohort to shepherd undergraduate architecture students through the first, critical semester of their architectural studies
- Through this simple restructuring, the importance of translating design and communication skills across the borders of two historically independent courses (Architecture Studio and Architectural Communications) was reinforced through a common faculty and TA/mentor.

\$12,964 (awarded to student group) SCIF Grant: “Solar Shades,” Sustainable Campus Initiative Fund, Faculty Advisor: Erin Carraher, Fall 2012 - Spring 2013.

- Grant to develop photovoltaic shade structures for the University Library plaza - *student group chose not to pursue the project after award*

\$800 Reimagine the Plaza, Project donation, Swire Coca-Cola, Faculty Advisor: Erin Carraher, Spring 2012.

- Solicited funding for a student project to develop photovoltaic shade structures for the University Library plaza

\$3,500 Reimagine the Plaza, Funded project, Faculty Advisor: Erin Carraher, Spring 2012.

- Funded project as part of the Reimagine the Plaza Grant to support development of photovoltaic shade structure prototypes

\$3,700 (awarded to student) SCIF Grant: “Recycling at the SoA,” Sustainable Campus Initiative Fund, Faculty Advisor: Erin Carraher, Fall 2011 – Spring 2013.

- Faculty advisor for a student who applied for and was awarded funding to implement a recycling awareness program

PUBLICATIONS:

Conflux: Emerging Modes of Engaged Collaborative Practice. Working title for a revised proposal for an existing book contract with Routledge, signed contract anticipated early 2017 with final manuscript due in late 2018.

The topic of this project focuses on structures that incorporate multiple aspects of practice, research, teaching, and community engagement in architectural education and practice. I've received favorable initial feedback from the publisher on the overall framework, which will include scholarly grounding of the subjects of creative collaboration, community-engaged research, and immersive learning experiences. The book will highlight emerging modes of architectural practice and education that incorporate such components and provide contract structures, architectural resources, and curricular frameworks based on successful case studies.

Leading Collaborative Architectural Practice, Authors: Erin Carraher, Ryan E. Smith, and Peter DeLisle, Publisher: John Wiley & Sons, Inc., Publication Date: March 20, 2017.

This book builds off of a two year research and development project sponsored by and produced for the American Institute of Architects (AIA) for the education of its members on collaborative project teams working in integrated practice. This educational resource joins others produced by the AIA in the past several years, including the AIA Integrated Project Delivery (IPD) Guide and case studies by AIA California, and the more recent IPD Case Studies in 2012 by AIA Minnesota and the University of Minnesota. Through this work, a clear conclusion from the AIA membership is that project delivery never takes on the exact form from project to project due to the uniqueness of the team, and context and conditions, however collaborative or integrated the delivery, does represent a sea change, a paradigm shift, from previous master builder, hero architect, and adversarial traditional models of the 19th and 20th century.

The Interior Architecture Theory Reader, edited by Gregory Marinic. Invited to contribute a chapter entitled: "The Spatial Agency of Digital Praxis." Final Manuscript submitted 7/2015. Routledge, Publication Date: April 8, 2017.

ABSTRACT: Much has been said about the successes and failures of trends ushered in by this work. Of particular critique are the excesses of formal expression, inefficient material utilization, and proliferation of projects deployed in developing countries that privilege economic and technological advancement over local concerns. This essay contributes to the critical debate by thinking through the spatial agency of computationally designed and digitally fabricated environments to considers the potential for such technologically-based designs to not only allow for new expressive formal orders but to also empower people to consider socially, culturally, and economically activated space.

Beetle Kill Pine Phase One – Digital Interoperability, Authors: Ryan E. Smith, Gentry Griffin, Erin Carraher. US Forest Products Laboratory, May, 2015.

This project identifies workflow barriers in transferring design data into fabrication software for solid timber construction (STC). The transferring of data from one software platform to another is known as interoperability. With the demand for STC on the rise, the need to address a number of impeding factors to its success, such as interoperability, is key. Identifying and overcoming these barriers will increase the use of solid timber in commercial construction.

LCAP: Leadership in Collaborative Architectural Practice, Continuing Education Resource Developed for AIA National Center for Integrated Practice, American Institute of Architects, 2014.

The Leadership in Collaborative Architectural Practice (LCAP) continuing education program explores the social impact of changing project team structures. The project examines the role of the architect as leader in collaborative teams – a position often necessitated by changes in technology – and resulted in a national AIA continuing education resource (videos, exercises, and case studies) providing training and reference material for practicing architects. In the development of the project, the investigators recognized the need for a broader national discussion of applied examples of these emerging modes of practice. As a result, I developed and co-chaired the 2013 AIA Center for Integrated Practice National Conference titled "Forefront: Architects as Collaborative Leaders" in Salt Lake City where over 45 speakers including architects, owners, contractors, consultants, and educators presented innovative project team structures that exemplify collaboration through technological integration and education. Many of these projects were further developed into the case studies for the LCAP resource.

Layered Urbanisms, Editor: Nina Rappaport, Co-editor of section on Gregg Pasquarelli: Erin Carraher. W.W. Norton & Co. Publisher, 2008.

Publication presenting critical discussions and illustrations of urban research and design analysis as carried out in advanced architecture studios at Yale led by Gregg Pasquarelli, Galia Solomonoff, and Mario Gooden focusing on designing new urban spaces for New York City.

PEER-REVIEWED JOURNALS:

The International Journal of Sustainability Education Volume 10, Issue 3-4., Associate Editor, 2016.

Architectural Science Review Special Issue: Architectural Computing, Vol 58 No 3, Taylor & Francis, Milton Park, Abingdon, Oxon, UK, Guest Editor, 2015.

The International Journal of Sustainability Policy and Practice Volume 12 Common Ground Publishing, Champaign, Illinois, USA. Associate Editor, 2015.

Rügemer, J., Carraher, E., "Project:ARCHITECTURE," *The International Journal on Sustainability Education*, Common Ground Publishing, Champaign, Illinois, USA. Volume 12, Issue 1, March 2016, pp.11-22.

PEER-REVIEWED PROCEEDINGS:

Carraher, E., et al. "Beyond the Studio: Alternative Models of Student/Teacher Engagement," in *National Conference on the Beginning Design Student 32 Conference Proceedings*, San Luis Obispo, California, 2016.

Rügemer, J., Carraher, E. "The Girl Scouts of Utah Interlocking Cross-Laminated Timber Summer Cabins," in: *Proceedings of the 31st International PLEA Conference*, Bologna, Italy 2015.

Jacob A. Gines, Erin Carraher, and Jose Galarza, editors, *Intersections and Adjacencies: Leadership in Building Technology Education, Proceedings of the 2015 Building Technology Educators' Society Conference*, June 24-27, Salt Lake City, UT, BTES, 2015.

Carraher, E., Rügemer, J., "Collaborative solid wood construction case study," *Proceedings of the Building Technology Educators' Society (BTES) International Conference*, Salt Lake City, Utah, 2015.

Carraher, E., Rügemer, J., "Collaborative solid wood construction case study," *Proceedings of the Architecture Research Centers Coalition (ARCC) National Conference*, Chicago, Illinois, 2015.

Carraher, E., "Integrating Technologies in Beginning Design Studio," *Proceedings of the National Conference on the Beginning Design Student (NCBDS)*, Houston, Texas, 2015.

Carraher, E. "Experiential Analysis in Beginning Design Travel Studios," *Proceedings of the National Conference on the Beginning Design Student (NCBDS)*, IIT, 2014.

Carraher, E. "Toward an Integrated Fabrication Pedagogy," *Proceedings of the Building Technology Educators' Society (BTES) International Conference*. Bristol, RI, 2013.

Carraher, E. and E. Tsoutsounakis, "Making Manifest: The Importance of the Actual in the Digital Design Process," *Proceedings of the National Conference on the Beginning Design Student (NCBDS)*. Temple University, 2013.

Carraher, E. "Toward an Integrated Fabrication Pedagogy" ACSA 101st Annual Meeting: New Constellations/New Ecologies (Building Technology Educators Society Session) – published in *Proceedings of the 2013 Building Technology Educators' Society (BTES) Conference*, San Francisco CA, 2013.

Carraher, E. "Making Manifest: The Importance of the Actual in the Digital Design Process" (virtual presentation) *8th International Technology, Education and Development Conference Proceedings*, Valencia, Spain, 2013.

Carraher, E. "Computational Thinking in Beginning Design Education," *Proceedings of the National Conference on the Beginning Design Student (NCBDS)*, Penn State University, 2012.

Carraher, E. "Sustainable Process," *Proceedings of the National Conference on the Beginning Design Student*, Penn State University, 2012.

Carraher, E., Albright, K., "Digital Mentors - Peer-Based Learning in Digital Design Education," *2011 Mentoring Conference Proceedings*, University of New Mexico, 2011.

Carraher, E. "Parameters of a Digital Design Foundation," *Association of Computer-Aided Design in Architecture (ACADIA) 2011 Regional Conference Proceedings*, 2011.

JURIED PRESENTATIONS / PANELS / EXHIBITIONS:

Carraher, E. Yee, D., "Our SLC: Claim It!" Exhibit, Sorenson Unity Center, Salt Lake City, UT, December 2016 - January 2017.

Carraher, E., Rügemer, J., "Timber City" Exhibition, National Building Museum, Washington, DC, September 17, 2016 - May 21, 2017.

Carraher, E., et al. "Beyond the Studio: Alternative Models of Student/Teacher Engagement," 32nd Annual National Conference on the Beginning Design Student, San Luis Obispo, California, 2016.

Leither, L., Carraher, E., Hatch, G., "Design-Model-Build: Interdisciplinary Partnership with Real-World Impact," American Association of School Librarians Annual Conference, Seattle, Washington, March 11-13, 2016.

Carraher, E. "Technology, Ethics, and Impact: How Design Affects People, Processes, and Products," Social and Environmental Justice in Architecture: Ethical Urban Design Session, AIA National Convention, Atlanta, Georgia, 2015.

Carraher, E., "Architecture and Building Technology in a Post-Critical Age," Invited Panelist in Building Technology Educators' Society (BTES) Session along with Jonathan Massey, Terri Boake, Franca Trubiano, and James A Doerfler, Association of Collegiate Schools of Architecture (ACSA) 103rd Annual Meeting, Toronto, Canada, 2015.

Carraher, E., Smith, R., "Collaborative Leadership: A Field Theory for Architectural Practice," Works in Progress Session, Architecture Research Centers Coalition (ARCC) National Conference, Chicago, Illinois, 2015.

Rügemer, J., Carraher, E., "The Girl Scouts of Utah's Interlocking Cross Laminated Summer Cabins," Paper presentation at the 4th All Ireland Architecture Research Group (AIARG) Conference, Dublin, Ireland, 2015.

Rügemer, J., Carraher, E., "Project: Architecture," Paper presentation the 11th Conference On Sustainability, Copenhagen, Denmark, 2015.

Carraher, E., "Experiential Analysis in Beginning Design Travel Studios," Invited to present in the National Conference on the Beginning Design Student Session as one of the highest rated presentations from the 2014 Conference, Association of Collegiate Schools of Architecture (ACSA) 103rd Annual Meeting, Toronto, Canada, 2015.

Carraher, E., Rügemer, J., "Trefoil Ranch Camp Cabin Design, Girl Scouts of Utah," *Strut* - A juried exhibition of University of Utah faculty work, Marriott Library, Salt Lake City Utah, 2014.

Rügemer, J., Carraher, E., "Project: Architecture" *DesignArts '14* - Juried exhibit and exhibit catalog, Design Arts Utah, Rio Grande Gallery, Salt Lake City, Utah, 2014.

Carraher, E. and Smith, R., "Building with Interlocking Cross Laminated Timber," Sustainable Structures Symposium, Portland, Oregon, 2014.

Carraher, E. "Experiential Analysis in Beginning Design Travel Studios," National Conference on the Beginning Design Student, Chicago, Illinois, 2014.

Carraher, E. "Toward an Integrated Fabrication Pedagogy" Building Technology Educators' Society International Conference, Bristol, Rhode Island, 2013.

Carraher, E., Tsoutsounakis, E., "Making Manifest: The Importance of the Actual in the Digital Design Process," National Conference on the Beginning Design Student, Philadelphia, Pennsylvania, 2013.

Carraher, E., "Toward an Integrated Fabrication Pedagogy," Association of Collegiate Schools of Architecture (ACSA) 101st Annual Meeting, San Francisco, California, 2013.

Carraher, E., Brinton, B., "Collective Knowledge: New Models for Collaborative Architecture Education and Practice Related to Digital Technologies," AIA Western Mountain Region & Northwest Pacific Region Joint Conference, Tucson, Arizona, 2012.

Carraher, E. "Computational Thinking in Beginning Design Education," National Conference on the Beginning Design Student, State College, Pennsylvania, 2012.

Carraher, E. "Sustainable Process," National Conference on the Beginning Design Student, State College, Pennsylvania, 2012.

Carraher, E. and K. Albright. "Digital Mentors - Peer-Based Learning in Digital Design Education," 2011 Mentoring Conference, Albuquerque New Mexico, 2011.

Carraher, E. "Parameters of a Digital Design Foundation," Association of Computer-Aided Design in Architecture (ACADIA) 2011 Regional Conference, Lincoln, Nebraska, 2011.

INVITED SPEAKER/JUROR/MODERATOR:

Invited Presentation at the AIA Western Mountain Region Conference, "Forward | Regional Relevance," with José Galarza and Jörg Rügemer, Salt Lake City, Utah, September 24, 2017.

Invited Panelist, "Defining Integrated Learning," with Adam Johnston, Weber State University; Matt Saunders, Utah State University; Matt Morin, Dixie State University; and Panel moderator, Eric Amsel, Weber State University, 19th Annual What is an Educated Person? Conference, Midway, Utah, October 27-28, 2016.

Association of Collegiate Schools of Architecture (ACSA) Annual Meeting, Presentation in New Faculty Teaching Award Session, Seattle, Washington, March 2016.

2015 Building Technology Educators' Society (BTES) International Conference, Presentation of Work, Emerging Faculty Award Session, Salt Lake City, 2015.

Architecture Research Centers Coalition Conference, Session Moderator "In Progress" session, Chicago, Illinois, 2015.

Association of Collegiate Schools of Architecture (ACSA) Annual Meeting, Selected to present in the National Conference on the Beginning Design Student (NCBDS) session as one of the top papers from the 2014 NCBDS Conference, Toronto 2015.

ACSA Annual Meeting, Panelist for BTES Session on the "Future of Building Technology Education", Toronto, 2015.

National Conference on the Beginning Design Student, "Technologies," Session Moderator, Houston, Texas 2015.

Women in Architecture (WIA) Design Competition Jury Member, Spice Kitchen Booth Design, Salt Lake City, Utah, March 2015.

Carraher, E., "Digital Tools and Technology," Invited Panelist at the AIA DC Chapter – Christopher Kelley Leadership Development Program along with Zach Downey, Jeff Gravatte, Hiroshi Jacobs, and Phyllis Klein, Washington, DC, 2013.

National Conference on the Beginning Design Student, "Materiality: Essence and Substance" Session Moderator, Chicago, IL, April, 2014.

University of Utah School of Architecture, "Digital Process". Week-long event featuring BIM workshops for students and area practitioners as well as a panel discussion around the topic of the current state of BIM technologies in practice. Panel Moderator, University of Utah, January 2012.

UNREFEREED PUBLICATIONS / PRESENTATIONS:

Carraher, E. "Creating a Connected Curriculum," *CONNECTION: The Architecture and Design Journal of the Young Architects Forum*, December 2016.

Carraher, E. "Being a Little Bit Weird and How it Can Lead You to Architecture," Women in Architecture Pecha Kucha Night, Salt Lake City, Invited speaker, March 2015.

Carraher, E. "Digital Fabrication at the School of Architecture" *Dialectic: A Journal of Essays, Conversations and Student Work, Volume 1, 2011-2012*.

Carraher, E. "Skeuomorphs and Other Anachronisms: Print Media and Building in the Age of Digital Technology," *Dialectic: A Journal of Essays, Conversations and Student Work, Volume 1, 2011-2012*.

Carraher, E. "Parametric Modeling and Digital Fabrication," Young Architects Forum Pecha Kucha Night, Salt Lake City Arts Center, Salt Lake City, Invited speaker, October 2011.

PROFESSIONAL CERTIFICATION:

Registered Architect, State of Utah (license number 8161109-0301), 2011 - present
AIA Member, (member number 38035098), 2010 - present
NCARB Certified, (record number 138194, certificate number 69852), 2010 - present
LEED AP, (GBCI record number 10151529), 2008 - present

PROFESSIONAL PRACTICE:

Integrated Technology in Architecture Center, Salt Lake City UT, August 2011 - present
Girl Scouts of Utah Summer Cabins, Provo Canyon UT, August 2012 - June 2014 (with Jörg Rügemer)
(3) 600 SF solid wood cabins built using an Interlocking Cross-Laminated Timber solid-wood panel system incorporating beetle-killed pine wood (my role included all aspects of design and construction management as well as developing an outreach and education component for the scouts)

OnSite Architecture + Construction, Blacksburg VA, architect, May 2010 - March 2011
Masonic Theater Rehabilitation, Clifton Forge VA, May 2010 - March 2011
35,000 SF historic theater rehabilitation and new addition (my role on the project included DD, CD, MEP coordination, FFE package)

BKSK Architects, New York NY, designer, February 2007 - March 2010
Convent of the Sacred Heart Athletic Center, New York NY, January 2009 - March 2010
45,000 SF major renovation and addition to existing parking garage including introduction of 6-lane pool, regulation-size gymnasium, fitness and wellness center and rooftop play area - project pursuing LEED certification at Platinum level (my role on the project included SD, DD, primary coordinator for MEP, natatorium and sports regulations)

Plainsboro Public Library, Plainsboro NJ, February 2007 - February 2010
45,000 SF new construction public library including reading room, reference floor, cafe, history room, children's program area, multipurpose community room, staff offices, children's science center and outdoor terraces and reading garden (my role on the project included client, consultant, and code coordination, CD, CA, FFE and interiors, shelving and end panels, millwork)

Mamaroneck Public Library, Mamaroneck NY, September 2007 - January 2008
13,000 SF new addition to and major renovation of existing 21,000 SF 1927 library and two subsequent additions - project pursuing LEED certification at Silver level (my role on the project included MEP coordination)

Ferry Point Comfort Station, Bronx NY, 2008
NYC Parks Department comfort station (my role on the project included detailing of decking, ramps and railing systems)

Sephardic Community Center, Brooklyn NY, 2009
100,000 SF community center including gym, pool, fitness center, spa, child care center, senior center, administration offices, and meeting spaces for social and community groups (my role on the project included working on Phase III projects)

OnSite Architecture + Construction, consultant June 2006 - February 2007
Arritt Farm House, Covington VA, consultant June 2006 - February 2007
Renovation of 100-year-old farm house and three-story torqued tower addition (my role on the project included 3D modeling and preparation of construction documents of the torqued tower addition designed and built by OnSite)

Kid O, New York NY, employee September 2005 - December 2006
Retail and design firm focusing on educational product development and interior design for children (my role in the company included website design and assistance to the owner for product development)

PROFESSIONAL MEMBERSHIP:

AIA Utah
Design Awards Jury Chair, 2015
Young Architects Forum Chair, 2014 - 16
Central Section Design Awards Jury, 2013
Technology in Architectural Practice Committee, 2012 - 14
AIA Utah Young Architects Forum Technology Co-Chair, 2012 - 14
AIA Utah Conference Planning Committee, 2012
AIA Utah Young Architects Forum - Chair 2014 - 15
Key Initiatives:
Beaux Arts Ball, 2014, 2015
Sorenson Unity Center Design-Assist Project - "The Backyard @ Sorenson," 2014-15
Ogden Lester Park Design-Assist Project, 2015 - present
Sorenson Unity Center - NEA Our Town Grant, Phase 2 Curation, 2015
Meet the Masters - Salon-style Lecture Series, 2014 - present
Website development and rebranding - 2014

USGBC - US Green Building Council, Utah Chapter
ACSA - Association of Collegiate Schools of Architecture
BTES - Building Technology Educators' Society
President-Elect - 2017 (President - 2018, Past-President - 2019)
Board member 2014-15 (2 year term)
National conference organizer - 2015
Phi Kappa Phi - Academic Honor Society

Erin Carragher | 1 March 2017 | Curriculum Vitae

Tau Sigma Delta – National Honor Society for Architecture

PUBLICITY:

“Celebrate U,” @ the U Newsletter, 21 March 2016.

<http://soa.cap.utah.edu/2016/03/erin-carraher-and-jorg-rugemer-recognized-at-celebrate-u/>

“WoodWorks 2015 Wood Design Awards for Wood Building Construction,” *Woodworking Network*, April 2015.

<http://www.woodworkingnetwork.com/wood-market-trends/woodworking-industry-trends-press-releases/WoodWorks-2015-Design-Awards-for-Wood-Building-Construction-301804881.html> (min: 22:12)

Rügemer, J., Carraher, E. “Project:Architecture,” *Celebrating Excellence in Wood Structures: 2014-15 North American Wood Design Award Winners*, Canadian Wood Council, Ottawa, Ontario, Canada, 2015 (forthcoming).

“Sculpture Garden Project at the U,” Arch | Utah | Blog *arch.utah.edu*, March 2015.

<http://www.arch.utah.edu/blog/index.php/2015/03/05/sculpture-garden-project-at-the-u/>

“Smart Wood Products Enable Versatile and Efficient Design,” Sponsored Content in *Architect, The Journal of the American Institute of Architects*, March 2015.

“Design Awards: Project: Architecture,” *Reflexion: AIA Utah’s Newsletter*, Spring 2015.

“Marriott Library to Build a Sculpture Garden,” *Daily Utah Chronicle*, November 18, 2014.

<http://dailyutahchronicle.com/fine-arts-library-to-build-sculpture-garden/>

“U’s Marriott Library to Build One-of-a-kind Sculpture Garden: Sustainability, student involvement and hands-on collection are hallmarks,” U News Center, *unews.utah.edu*, November 2014.

http://archive.unews.utah.edu/news_releases/us-marriott-library-to-build-one-of-a-kind-sculpture-garden/

“U’s Marriott Library Expanding Dumke Fine Arts and Architecture Library,” KUER radio *kuer.org*, November 14, 2014.

<http://kuer.org/post/us-marriott-library-expanding-dumke-fine-arts-and-architecture-library>

Girl Scout Convention Host has Awesome New Camp Facilities! *gsblog*, August 14, 2014.

<http://blog.girlscouts.org/2014/08/girl-scout-convention-host-has-awesome.html>

Girl Scouts, University of Utah team up for sustainable cabin project. *Fox 13 Salt Lake City*, August 4, 2014.

<http://fox13now.com/2014/08/03/girl-scouts-university-of-utah-team-up-for-sustainable-cabin-project/>

“Project Highlight: Project:Architecture,” *Reflexion: AIA Utah’s Newsletter*, Fall 2013.

“Technical Corner: Erin Carraher, AIA, Chair of the Forefront Conference Discusses Trends in Collaboration,” *Reflexion: AIA Utah’s Newsletter*, Fall 2013.

U Architecture Students and Girl Scouts Build the Future. *University of Utah News Center*, April 17, 2013.

http://unews.utah.edu/news_releases/u-architecture-students-and-girl-scouts-build-the-future/

“Archi-Chicks” Build STEAM Skills, and Cabins. *University of Utah News Center*, July 30, 2014.

http://unews.utah.edu/news_releases/archi-chicks-build-steam-skills-and-cabins/

Utah Girl Scouts build three cabins at Camp Trefoil Ranch. *Good4Utah.com*, 31. July 2014.

<http://www.good4utah.com/news/midday/utah-girl-scouts-build-three-cabins-at-camp-trefoil-ranch>

Utah Girl Scouts design sleek, sustainable cabins. *Salt Lake City Tribune*, August 1, 2014.

<http://www.sltrib.com/news/1394065-155/scouts-girl-utah-cabins-girls-university>

U. teams up with Girl Scouts to build energy-efficient cabins. *Deseret News*, 30. July 2014.

<http://www.deseretnews.com/article/865607827/U-teams-up-with-Girl-Scouts-to-build-energy-efficient-cabins.html?pg=all>

Girl Scouts unveil new cabins at Camp Trefoil Ranch. *Herald Media*, July 31, 2014.

http://www.heraldextra.com/news/local/girl-scouts-unveil-new-cabins-at-camp-trefoil-ranch/article_eb384270-2668-52c0-99c0-9c81d4d55c00.html

Girl Scout Convention Host has Awesome New Camp Facilities! *gsblog*, 14. August 2014.

<http://blog.girlscouts.org/2014/08/girl-scout-convention-host-has-awesome.html>

Girl Scouts teams up with U. to build energy-efficient cabins. *KSL.com Utah*, 2. August 2014.

<http://www.ksl.com/?nid=148&sid=30938460>

“Community Engaged Learning,” video produced by the Bennion Community Service Center at the University of Utah, 2014.

<https://www.youtube.com/watch?v=rflwWkly8u0>

“Experiences: An Assistant Professor of Architecture and Co-Chair of the FOREFRONT Conference Discusses Trends in Collaboration.” *AIA.org*. August 2013.

<http://www.aia.org/practicing/AIAB099663> – Interview about state of practice regarding collaboration and technology.

"Beetlewood Cabins" *Student Innovation Report 2013*, Technology Venture Development Department, University of Utah, 2013. – Feature on Girl Scout cabin project.

"Building Type Study: Libraries," *Architectural Record*, March 2011. – Feature on the Plainsboro Public Library.

"The Ultimate Prize: NCARB Certification", *Direct Connection: A Publication of NCARB*, 2010 Volume 13 Issue 2, p 20-22. – Featured in article about recently licensed architects who pursued NCARB certification.

Next Wave Exhibition, Yale University, New Haven CT, 2004. – Exhibition of graduate student work and Feldman Prize nominated student.

Privately Owned Public Spaces, public exhibition, Van Allen Institute, New York City NY, 2004 – Exhibition of work from Versioning 6.0 studio regarding privately owned public spaces in New York City.

TEACHING

UNIVERSITY POSITIONS:

University of Utah, Assistant Professor of Architecture, August 2011 – present

- Major I (Junior Undergraduate) Coordinator, Fall 2011 - present
- Integrated Technology in Architecture Center (ITAC), Senior Researcher, Fall 2011 – present
- Undergraduate Research Opportunity Program - mentor, Summer 2015 - present
- Pre-Major Curriculum Coordinator, Fall 2014 - Spring 2016
- Program Manager - ChicagoLAB, University of Utah College of Architecture + Planning, Fall 2012 – Fall 2015
- AIA Western Mountain Region / Northwest Pacific Region Joint Conference - Leadership Institute, Faculty Sponsor, Fall 2012
- Co-Director of the College of Architecture + Planning's Digital Fabrication Lab, Spring 2012 - Fall 2015

Courses Taught:

Major I Studio (ARCH 3010 / 3011), Fall 2011 - present
Visual Communications (ARCH 6050), Fall 2011 - present
Major I Communications (ARCH 3050), Fall 2013 – present
3+ Communications (ARCH 6050), Summer 2013 - present
Advanced Technology Seminar (ARCH 6370), Spring 2012, Spring 2014
Design Workshop (ARCH 2630), Summer 2012
Advanced Design Workshop (ARCH 2632), Summer 2012, Summer 2014, Spring 2016
Independent Study Courses, Fall 2012 - present

Special Projects: *(see teaching support materials and narrative for descriptions of these projects)*

Fall 2016 \$16,565 funding for student design and fabrication projects (Epicenter Our Town Project)
2016 - 17 Undergraduate Research Opportunity Program mentor - Michael Frazier, foundation design research
Fall 2016 Received Community-Engaged Learning (CEL) designation from University of Utah Bennion Center for ARCH 3010
2015 - 16 Undergraduate Research Opportunity Program mentor - Diego Garrido, collaboration and leadership research
Spring 2015 Sponsored competition leading to summer intern and construction budget (Epicenter Sunscreen)
Spring 2015 Independent Study - 6th grade gifted students worked with five undergraduate architecture students to learn about architecture and develop therapeutic play devices for children at the Road Home homeless shelter, in collaboration with Lisa Henry Benham, 2014 - 15 (Road Home/6th Grade Gifted)
Fall 2014 \$12,000 for student research positions and \$3000 in funding from ITAC and Library for consultants, \$7000 teaching grant for prototyping (Library Sculpture Garden)
Fall 2013 Community engaged design build project (Epicenter "Places of Pause")
Spring 2013 Funded student design-build project (Girl Scout Cabin Digitally Fabricated Tables)

Student Travel: *(see teaching portfolio for trip itineraries and related projects)*

Fall 2011: Salt Flats, Utah
Spring 2012: Portland, Oregon
Fall 2012: Antelope Island, Utah
Spring 2013: New York, New York
Fall 2013: Green River/Bluff, Utah
Spring 2014: Chicago, Illinois
Fall 2014: Spiral Jetty/Sun Tunnels, Utah
Spring 2015: New Orleans, Louisiana
Fall 2015: Green River/Bluff, Utah
Spring 2016: New York, New York
Fall 2016: Green River/Bluff, Utah
Spring 2017: San Francisco, California

Virginia Tech, Visiting Assistant Professor of Architecture, August 2010 - August 2011

Courses Taught:

Foundation Design Lab, Fall 2010 | Spring 2011
Digital Media Workshops, Fall 2010 | Spring 2011
Design in the Digital Age, Summer I 2011
Qualifying Design Lab, Summer II 2011

Virginia Tech, Adjunct Assistant Professor of Architecture, September 2004 - June 2005

- School Documentarian, Fall 2004 | Spring 2005

Courses Taught:

Foundation Design Lab, Fall 2004 | Spring 2005

Yale University, Graduate Teaching Assistant, September 2003 - July 2004

Courses:

Writing on Architecture, professor: Carter Wiseman, Fall 2003
Representation + Optics, professor: Mark Foster Gage, Spring 2004

SERVICE

CONFERENCE & WORKSHOP HOSTING:

2017 National Conference on the Beginning Design Student, Co-Chair, Salt Lake City UT, Spring 2017.

2015 Building Technology Educators Society International Conference, *Intersections and Adjacencies: Leadership in Building Technology Education*, Co-Chair, Salt Lake City UT, Summer 2015.

2013 AIA Center for Integrated Practice Conference, *Forefront: Architects as Collaborative Leaders*, Co-Chair, Salt Lake City UT, October 24-25, 2013.

Portfolio Workshops, University of Utah School of Architecture, Faculty Organizer, Fall 2012, Fall 2013.
Organized and ran a series of portfolio development workshops for senior undergraduate students

Digital Process, University of Utah, Workshop Organizer, January 2012.
Week-long event featuring BIM workshops for students and area practitioners as well as a panel discussion around the topic of BIM technologies in practice

Human-Centered Design Workshop, Virginia Tech School of Architecture + Design, Faculty Participant/Advisor, Summer 2010, Fall 2010.

Digital Workshops, Virginia Tech School of Architecture + Design, Workshop Developer and Instructor, Virginia Tech, Fall 2010 - Summer 2011.
Organized and ran a series of (10) week-long workshops for first-year integrated architecture, industrial design, landscape architecture, and interior design studios at Virginia Tech to introduce digital modeling and fabrication technologies to approximately 250 students.

Digital Media + Fabrication, Virginia Tech School of Architecture + Design, Instructor and Workshop Organizer, October 2008.
Organized and ran a week-long workshop on digital technologies for a third-year architecture undergraduate studio. Guest Instructor, Virginia Tech, October 2008.

NATIONAL SERVICE:

National Council of Architectural Registration Boards:

- Committee Member, NCARB FY17 ARE 5.0 Item Development Subcommittee: Project Planning & Design Group, 2016 – 2017
- Committee Member, NCARB FY16 ARE 5.0 Forms Assembly Task Force, 2015 – 2016
- Committee Member, NCARB FY15 ARE 5.0 Mapping Task Force, 2014 – 2015.
- Committee Member, NCARB FY14 ARE 5.0 Test Specification Task Force, 2013 – 2014
- Committee Member, NCARB FY13 PreTest Committee, 2012 – 2013

NAAB Visiting Team Member, NCARB Representative, July 2013 – June 2017

- University of Southern California - 2014
- University of Minnesota - 2015
- TBD University - 2017

Routledge Publishing Book Proposal Reviewer:

- *Design Hybrids*, Spring 2013
- *Iterations: Digital Exercises for the Beginning Design Student*, Fall 2013

IDP Advisor, 2012 - present

Conference Paper Reviewer:

- BTES Biennial Conference, "Intersections + Adjacencies," 2015
- NCBDS Annual Conference, "Engaging Media," 2015
- NCBDS Annual Conference, "Materiality: Essence and Substance," 2014
- AIA Center for Integrated Practice Annual Conference, "Forefront: Architects as Collaborative Leaders," 2013
- ACSA Annual Conference, "Digital Aptitudes + Other Openings," 2012
- ACSA Fall Conference, "Offsite: Theory and Practice of Architectural Production," 2012

REGIONAL SERVICE:

AIA Utah Chapter - 2015 Design Awards, Jury Chair, 2015

AIA Utah Young Architects Forum, Chair, 2014 - 15 (2-year term)

Design Technology Business Advisory Board for the Granite, Davis, Jordan, Salt Lake, Canyons, and Tooele (UT) School Districts. Board Member, 2012 - 15

AIA Utah Chapter - 2013 Central Section Design Awards, Jury Member, 2013

NWPR + WMR AIA Leadership Institute Planning Sub-Committee, Member, April 2012 - October 2012

AIA Utah 2012 Conference Planning Committee, Member, January 2012 - October 2012

AIA Utah Chapter - Technology in Architectural Practice Committee, Committee Member, 2012 - 14

UNIVERSITY / COLLEGE SERVICE:

Committees:

- Learning Portfolio Selection Task Force, Committee Member, 2016 - 17
- Integrated Faculty Learning Community, 2016 - 17
- Marriott Library Fine Arts Design Committee, Member, 2015 - 16
- University General Education Committee, 2014 - 2016
- University General Education Sub Committee on GECC Criteria Review, Member, 2014 - 15
- University General Education Sub Committee on Learning Outcome Review, Member, Summer 2015
- Bennion Center Public Service Professorship Award, Review Committee Member, 2014 - 15
- School of Architecture Communications Search Committee, Chair, 2014 - 15
- College of Architecture + Planning Interdisciplinary Task Force, Member, 2014 - 15
- School of Architecture Chair Search Committee, Member, 2014
- College of Architecture + Planning, Dean Visioning Committee, Member, 2013
- School of Architecture Design Search Committee, Member, 2013 - 14
- School of Architecture Design Search Committee, Member, 2012 - 13
- University Life Science/Applied Science Area Review Committee, Member, 2012 - 2014 *(restructured to University General Education Committee)*
- University Academic Appeals Committee, Member, 2011 - 2015
- College of Architecture + Planning Alumni Alliance, Faculty Liaison, 2011 - 13
- College of Architecture + Planning Technology Committee, Member, 2011 - 13
- School of Architecture Students Committee (Admissions, Mentoring, Diversity, Recruitment), Member, 2013 - 14
- School of Architecture Curriculum Committee, Member, 2011 - present
- School of Architecture Curriculum Sub Committee for Undergraduate Curriculum Development, Chair, 2013 - 14
- School of Architecture Admissions Committee, Member, 2011 - 13
- School of Architecture Public Relations Committee, Member, 2011 - 12
- School of Architecture Faculty Committee, Member, 2011 - present

Undergraduate Honors Thesis - Caitlin Thissen "Establishing Sense of Place in an Urban Desert Wasteland: Reconsidering Traditional Design Materials in Contemporary Building," Advisor, 2012 - 13

Plan B Scholarship, Department of City and Metropolitan Planning, Scholarship Reviewer, Spring 2013

Dialectic: A Journal of Essays, Conversations and Student Work, Volume One, Faculty Advisor, 2011 - 12

Undergraduate Man and Woman of the Year Selection Committee, Committee Member, Virginia Tech, Spring 2011

Second Year Competition, Jury Member, Virginia Tech, Spring 2011

Third Year Competition, Jury Chair, Virginia Tech, Fall 2010

COMMUNITY SERVICE:

Open Classroom, 8th Grade Internship Program, Mentor, Spring 2016

Worked with 8th grade student twice weekly during spring semester in conjunction with ARCH 2632 class

Discover Architecture High School Student Summer Program, University of Utah, Volunteer, 2014, 2015

Educating Elementary Children Through Architecture (EECTA), Utah Center for Architecture, Volunteer Instructor, Spring 2012

Eight week curriculum on architecture and planning principles taught by teams of practitioners and architecture students to fifth-grade students in public schools

Hands-On Workshop, Morningside Elementary School, Organizer and Activity Leader, May 2012

Field trip and workshop for Mrs. White's 6th Grade Class who participated in the EECTA program

Hands-On Workshop, Bennion Center, Organizer, October 2012

SOARE field trip for Mountain View Elementary students

Housing Works Bookstore & Café, New York City NY, 2008 -10

- Served as weekly volunteer at Housing Works' Soho Bookstore & Café, 2008 - 2009
- Pro bono design of café renovation within larger bookstore space, 2009 - 10 *(unbuilt)*