

## **ANNE FILSON, ASSOCIATE PROFESSOR, SCHOOL OF ARCHITECTURE**

### **EDUCATION**

<b>1992–1995</b>	<b>COLUMBIA UNIVERSITY GSAPP</b> Master of Architecture	<b>NEW YORK, NY</b>
<b>1994</b>	<b>EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE</b> Semester Exchange, Spring/Summer	<b>ZÜRICH, CH</b>
<b>1987–1991</b>	<b>SMITH COLLEGE</b> Bachelor of Arts in Art History. Honors Thesis “Irony and Dislocation: Critical Comparison of Early Works and Writing by Peter Eisenman & Robert Venturi”	<b>NORTHAMPTON, MA</b>

### **PROFESSIONAL & ACADEMIC POSITIONS**

<b>2009–</b>	<b>UNIVERSITY OF KENTUCKY, SCHOOL OF ARCHITECTURE</b> Associate Professor	<b>LEXINGTON, KY</b>
<b>2009–</b>	<b>FILSON AND ROHRBACHER, PLLC</b> Partner and co-Founder, AtFAB Design	<b>LEXINGTON, KY</b>
<b>2006–2009</b>	<b>NBBJ</b> Architect & Design Strategist	<b>SEATTLE, WA</b>
<b>2006</b>	<b>SHOP ARCHITECTS</b> Project Director Hotel in Mammoth Lakes, CA; Communications Strategy	<b>NEW YORK, NY</b>
<b>2004–2006</b>	<b>IDEO</b> Design / Strategic Consultant; Smart Space Practice Operations Lead	<b>SAN FRANCISCO, CA</b>
<b>2002–2004</b>	<b>UNIVERSITY OF TEXAS, SCHOOL OF ARCHITECTURE</b> Adjunct Assistant Professor	<b>AUSTIN, TX</b>
<b>1998–2002</b>	<b>OFFICE FOR METROPOLITAN ARCHITECTURE</b> <b>OMA/REM KOOLHAAS</b> Project Architect: IIT McCormick-Tribune Campus Center Senior Designer: Dutch Embassy in Berlin & Universal HQ	<b>ROTTERDAM, NL</b>
<b>1995–1998</b>	<b>SCHWARTZ/SILVER ARCHITECTS</b> Designer: New England Aquarium Addition, Boston Designer: Wyeth Center / Farnsworth Museum of Art, Rockland, Maine	<b>BOSTON, MA</b>

### **PROFESSIONAL MEMBERSHIPS**

<b>2009–</b>	<b>REGISTERED ARCHITECT, STATE OF KENTUCKY</b>
<b>2008–</b>	<b>NCARB CERTIFIED</b>
<b>2008–</b>	<b>USGBC LEED ACCREDITED PROFESSIONAL</b>
<b>2008–2013</b>	<b>AMERICAN INSTITUTE OF ARCHITECTS, MEMBER</b>
<b>2008–2011</b>	<b>REGISTERED ARCHITECT, STATE OF NEW YORK</b>

### **ACADEMIC HONORS**

<b>1995</b>	<b>WILLIAM F. KINNE AWARD, COLUMBIA UNIVERSITY GSAPP</b>
<b>1991</b>	<b>HONORS IN THE DEPT OF ART HISTORY, SMITH COLLEGE</b>
<b>1989–1991</b>	<b>HONOR ROLL, SMITH COLLEGE</b>

## EXHIBITIONS

### SOLO EXHIBITIONS

- JUL-SEP 2015**      **A MIES FOR ALL**      **AMSTERDAM, NL**  
Invited Public Exhibition at Hotel Droog Gallery of Open Source plywood version of Mies van der Rohe's Farnsworth House.
- APR-JUL 2015**      **OPEN SOURCE WUNDERKAMER**      **MILAN, IT**  
Exhibition at La Confederazione Nazionale dell'Artigianato e della Piccola e Media Impresa during the 2015 Salone Internazionale Del Mobile.
- APR 2013**      **KELLER GALLERY, MIT**      **CAMBRIDGE, MA**  
"Incremental Change: An AtFAB Status Report" A solo exhibition of work by Filson and Rohrbacher in MIT's School of Architecture + Planning gallery.

### GROUP EXHIBITIONS

- JAN-AUG 2018**      **THE DESIGN SOCIETY / V&A MUSEUM**      **SHENZHEN, CHINA**  
"Minding the Digital" Museum Director: Ole Bouman, Exhibition Curator Carrie Chan, Exhibition Designer: MVRDV. AtFAB Rotational Stools included in group exhibition with Joris Laarman, Achim Menges, Iris van Herpen, etc. MVRDV commissioned 100+ acrylic AtFAB tables, stools, and benches for the exhibition design.
- JUN-SEP 2016**      **EXPOSITION << CNAP! >>**      **PARIS, FR**  
Le Centre National Des Arts Plastiques / 2016 Au Ministère De La Culture Et De La Comm. Exhibition of AtFAB 5-30 Minute Chair, Prototype, Parts, Renderings, Drawings, Text within a vitrine at the Galerie et péristyle de Valois
- APR-SEP 2015**      **DESIGN ORACLES**      **PARIS, FR**  
Included in Public Design Exhibition at Galerie Lyric among over 100 20th and 21st century iconic furniture objects. Exhibition curated by Li Edelkoort.
- APR 2015**      **ATELIER CLERICI, PALAZZO CLERICI**      **MILAN, IT**  
Exhibition during 2015 Salone Internazionale Del Mobile, Milano. AtFAB 5-30 Minute Chair, Exhibited within OpenDesk installation.
- APR 2015**      **OCS OFFICINE CREATIVE ANSALDO**      **MILAN, IT**  
Group expo during Salone Internazionale Del Mobile/AtFAB 5-30 Minute Chair
- JUL 2014**      **FAB10 GLOBAL FAB AWARDS EXHIBITION**      **BARCELONA, SP**  
Awards Finalists Exhibition at the FAB10 International FabLab Conference held at the Disseny Hub in Barcelona. AtFAB was among 30 finalists (selected from 130+ submissions) as leading examples of open, digital design.
- DEC 2013**      **CENTRE NATIONAL DES ARTS PLASTIQUES**      **PARIS, FR**  
AtFAB 5-30 Minute Chair was one of 72 designs acquired in 2013 by CNAP for its permanent collection alongside works by Enzo Mari, the Bourrellac Brothers, Hella Jongerius, Jasper Morrison, and Konstantin Grcic.
- NOV 2012**      **AUTODESK UNIVERSITY 2012 LAS VEGAS, NV**  
AtFAB pieces exhibited among architecture and design projects that demonstrate software, digital fabrication and design and innovation to AEC Industry conference attendees.
- APR 2012**      **INT'L ARCHITECTURE BIENNALE**      **ROTTERDAM, NL**  
Paducah Gaseous Diffusion Plant Interactive Model included as part of the River Cities Exhibition at the 2012 International Architecture Biennale Rotterdam. Netherlands Architecture Institute.
- MAR 2012**      **HERRON GALLERY**      **INDIANAPOLIS, IN**  
Installation for Couched Constructions a group exhibition of works by architects and artists. Organized by Wes Janz, Associate Professor at Ball State University

School of Architecture.

- NOV 2010**      **KNOWLTON GALLERY, OSUCOLUMBUS, OH**  
Selected work included in the Envisioning Organization Exhibition that accompanied the Envisioning Organization Conference. Knowlton School of Architecture Gallery. The Ohio State University
- NOV 2010**      **LOT GALLERY**      **LEXINGTON, KY**  
Installation of Filson and Rohrbacher projects in New UK College of Design Faculty exhibition.

## **BOOKS, CATALOGS & PUBLICATIONS**

### **BOOKS**

- OCT 2017**      **MAKE: DESIGN FOR CNC: FURNITURE PROJECTS & DIGITAL FABRICATION TECHNIQUE**  
Co-Authors: Anne Filson, Gary Rohrbacher, Anna Kaziunas France. Foreward by Prof. Gerald Davis. Publisher: MakeMedia, Sebastopol CA. ISBN-13: 978 1457187421 (5000+ US/International Paperback and EBook Sales - 10/2018))

### **EXHIBITION CATALOGS**

- DEC 2017**      **MINDING THE DIGITAL EXHIBITION CATALOGUE**  
Editor: Ole Bouman. Graphic Design: Thonik Studio. Publisher: TONGJI University Press, 2017
- JUL-NOV 2017**      **DIY WITH PLY, VICTORIA & ALBERT MUSEUM, LONDON**  
AtFAB Walking Chest included in the online Interactive feature included as part of "Plywood: Material of the Modern World"
- APR 2015**      **ORACLES DU DESIGN EXHIBITION CATALOGUE**  
Editor: Lidewij Edelkoort. Essays by: Lidewij Edelkoort, Juliette Pollet Publisher: Pyramid Editions, CNAP, La Gaité Lyrique, Paris
- AUG 2014**      **FAB@BCN, FAB 10 PAMPHLET**  
(AtFAB Open Source CNC Furniture, Global Fab Award Finalist) Editor: Rosa Garriga. Essays by: Xavier Trias, Antoni Vives, Neil Gershenfeld, Thomas Diaz-Publisher: Adjutament de Barcelona for the Fab10 Conference.
- APR 2014**      **INCREMENTAL CHANGE EXHIBITION CATALOG**  
Published by MIT SA+P Press on Filson and Rohrbacher Exhibition. Photos and Essays by Filson and Rohrbacher: "An AtFAB Status Report" Michael Kubo: "The Politics of Production" and Matthijs Bouw: "Towards an Architecture of Generosity."

### **PUBLICATIONS**

- NOV 2014**      **"WHAT HAPPENED," OFFICEUS ATLAS (REPOSITORY)**  
Pages of "What Happened" Research Graphic and Text included in *OfficeUS Atlas (Repository)*. Follow-up publication for "OfficeUS: Criticism by Remaking" exhibition in the US Pavilion at the 2014 Venice Architectural Biennale. Lars Muller, ed. Gilabert, Miljaki, Schaefer, Kubo. (In Progress)
- NOV 2013**      **"MONEY MIES: NEW BUSINESS MODELS FOR PRACTICE"**  
AMiesforAll.nl Online Publication and self-published catalog (ed Brendan Cormier / Managing Editor of Archis Volume).
- JUL 2012**      **"POST COLD WAR ENTROPY"**  
Essay in *Volume #32 Centers Adrift*, 2012. co-authored with Gary Rohrbacher.
- JAN 2012**      **"DESIGN OFFERED UP: CONTROL AND OPEN OUTCOMES IN A DIGITALLY ENABLED DESIGN PROCESS"**  
Essay in the 8th International Conference on Cooperative Design, Visualization and Engineering 2011, Hong Kong. *Lecture Notes in Computer Science (LNCS)* Volume 6874. Springer Verlag, Berlin. Co-authored with Gary Rohrbacher

**FEB 2012**                    **“DESIGN INTERCALATED”**  
Essay in the *International Journal of Design Sciences and Technology* Vol. 182012,  
EuropIA Productions, Paris. Co-authored with Gary Rohrbacher

## **BOOKS/PUBLICATIONS CITING RESEARCH & PRACTICE**

### **BOOKS**

- SPR 2017**                    **THE FUTURE OF WORK**  
AtFAB cited in book research by Center for The Future of Work, Cognizant  
Technology Author: Benjamin Pring, et al. John Wiley and Sons, New York.
- MAY 2016**                    **THE VANISHING AMERICAN CORPORATION: NAVIGATING THE HAZARDS OF  
A NEW ECONOMY**  
AtFAB cited as case study in “Silver Linings” Gerald F. Davis, Author. Ber-  
rett-Koehler Publishers, Oakland, CA.
- SPR 2015**                    **FAB FABLAB**  
Text, drawings, images of AtFAB, included *Fab FabLab*, book on the global  
FabLab movement and showcase of exemplary digital fabrication projects created  
in FabLabs. ed. by Massimo Menichinelli. Pyramid Editions/SHS Publishing.  
Rome, Italy.
- NOV 2014**                    **“CASE STUDY: FILSON AND ROHRBACHER”**  
Chapter in *Graphic Design for Architects* by Karen Lewis. Interview with author  
pp. 192-7. Routledge, London.

### **PUBLICATIONS/MEDIA**

- 12.2017**                    **ARCHITECTURE BOSTON**  
“Economy of Scale: Can the Maker Movement Revive US Manufacturing?” DC  
Denison. Winter 2017 (Volume 20 no. 4) Multipage feature article on AtFAB,  
with illustrations by Filson and Rohrbacher.
- 09.15.2016**                    **PBS NEWSHOUR**  
“Will Mega-Corporations Give Way to a Local Manufacturing Renaissance?”  
Paul Solman. Video interview prominently features AtFAB website, concepts,  
and designs to demonstrate future manufacturing model.
- 05.2015**                    **THE GUARDIAN WEEKLY, DESIGN OF THE TIMES**  
“Classic Pieces Reflect Evolving Lifestyles in a Changing World” Veronique  
Lorelle
- 04.2015**                    **LE MONDE, M LE MAGAZINE DU MONDE**  
“Retour vers le futur dans le design - La Gaîté-Lyrique, à Paris, expose des pièces  
des trente dernières années qui anticipaient 04/2015 déjà nos modes de vie actu-  
els,” Veronique Lorelle
- 04.2015**                    **NEWSWEEK**  
“How 3D Printing Will Make Manufacturing In America Great Again,” Kevin  
Maney
- 04.2015**                    **WALLPAPER\***  
“Design Oracles: the Exhibition Rewriting the Past, Present and Future Stories of  
Objects,” Amy Verner
- 04.2015**                    **DOMUSWEB.IT**  
“Design Oracles”
- 04.2015**                    **DOMUSWEB.IT**  
“AtFAB al FuoriSalone” & “Open Design / Open Making con AtFAB”
- 03.2015**                    **WORLD ECONOMIC FORUM, GLOBAL AGENDA REPORT**  
WEF Meta-Council Publication “Emerging Tech 2015: Distributed Manufactur-  
ing,” Bernard Meyerson, Chief Innovations Officer and Vice-President IBM.

- 03.2015** **SCIENTIFIC AMERICAN**  
 “Top 10 Emerging Technologies of 2015,” Bernard Meyerson
- 03.2015** **SCIENTIFIC AMERICAN**  
 “The Many Ethical Implications of Emerging Technologies,” Nayef Al-Rodhan
- 02.2015** **WORLD ECONOMIC FORUM: META-COUNCIL ON EMERGING TECHNOLOGIES**  
 “Top 10 Emerging Technologies of 2015” Global Agenda Councils. AtFAB cited as model of distributed manufacturing, an emerging technology for 2015.
- 04.06.2014** **LE MONDE BLOG**  
 Novel, Anne-Sophie. “Des projets open-source qui changent le monde” Feature on Open Source food, design, projects in honor of France’s Open Design Week.
- 04.02.2014** **WEDEMAIN.FR**  
 Bosqué, Camille. “J’ai téléchargé mon fauteuil” Online feature that documents the digital fabrication of AtFAB Chair in a Paris Fabrication Lab.
- 03.2014** **DE ARCHITECT**  
 Bouw, Matthijs. “Een icoon voor iedereen proces—De architect als bedenker van schaalbare producten” de Architect 45, p.28-36. Essay that prominently features Filson and Rohrbacher with other projects at the forefront of architecture, open source, technology and design.
- 03.2014** **MAKE MAGAZINE**  
 Kaziunas France, Anna. “Make: Projects. Create Custom, Open-Source CNC Tables” Make Magazine. March 18, 2014. pp. 96-101. Followed up with an online tutorials and feature “Open-Source Furniture: Forget Ikea. Fabricate your own personally customized furniture on a CNC near you.” makezine.com
- 10.27.2013** **100KGARAGES.COM BLOG**  
 Davis, Jerry. “How Affordable CNC Can Re-Make Industry: Thoughts on Technology and Business Structure” Author is Wilbur K. Pierpont Professor of Management at the Ross School of Business at the University of Michigan – whose recent research and books center around the impact new manufacturing models have on democratic economies.
- 06.24.2013** **THE ATLANTIC**  
 Mims, Christopher. “The Distributed Future of Manufacturing: Think IKEA Minus the Furniture” Online Feature on AtFAB and interview with Anne Filson. Concurrently reposted on Quartz.com
- 06.22.2013** **TREEHUGGER.COM**  
 Alter, Lloyd. “AtFAB launches flatpack furniture made through ‘Networked Distributed Manufacturing’”
- 12.18.2012** **METRO LONDON, UK**  
 Renbe, Gina. “Self-Assembly Furniture from AtFAB” Publication is a free tabloid distributed in the London Underground. Distribution >1.3 million.
- 12.2012** **CONTAGIOUS MAGAZINE, LONDON, UK.**  
 “Filson and Rohrbacher/AtFAB” Vol 33. p.31 Publication is a subscription-only global marketing journal focused upon trend forecasting, non-traditional media, and emerging technologies
- 11.2012** **KONSTRUKTIV ZEITSCHRIFT DER BUNDESKAMMER DER ARCHITEKTEN UND INGENIEURKONSULENTEN**  
 Jobst, Sebastian. No 288. p.40. “Konstruktionsempfehlung”
- 11.30.2012** **ARCHITECTURE MAGAZINE**  
 Lau, Wanda. “A Stake in the Cloud The Present and Future are in Mobile Technology” Architecture Magazine. Highlights of Autodesk University 2012

- 11.27.2012**      **THE BIG PLATE**  
 Long, Todd. "Case Studies: AtFAB" Online Interview The Big Plate serves an online business/startup community of entrepreneurs with interviews and case studies of innovative business startups.
- 11.07.2012**      **NETWORK FOR BUSINESS SUSTAINABILITY**  
 Davis, Gerald. "Buying Furniture on iTunes: Creative Destruction in a World of 'Locavore' Production" Author is Wilbur K. Pierpont Professor of Management at the Ross School of Business at the University of Michigan – whose recent research and books center around the impact new manufacturing models have on democratic economies.
- 11.10.2012**      **THE ECONOMIST**  
 Davies, Sally. "Mass Bespoke" The Economist Shumpeter Blog. Follow-up in print. "Digital Highlights" The Economist. p. 18.
- 10.02.2012**      **COOLHUNTING.COM**  
 Rubin, Joshua. "AtFAB: Fabricate your Own Custom CNC Furniture"
- 09.30.2012**      **MAKE.COM**  
 Baichtal, John. "Maker Faire New York: AtFAB"
- 06.30.2012**      **NATIONAL PUBLIC RADIO / NPR**  
 Kalish, John. "New Projects Help 3D Printing Materialize" Broadcast on NPR Weekend Edition
- 06.17.2012**      **CANADIAN BROADCASTING CORPORATION / CBC**  
 Kalish, John. "New Projects Help 3D Printing Materialize" CBC Spark
- 03.29.2012**      **DISCOVERYNEWS.COM**  
 Danigelis, Alyssa. "DIY Furniture Delivered in Bytes Not Boxes"

## **UNIVERSITY/GOVERNMENT MEDIA ON RESEARCH & TEACHING**

- 05.08.2014**      **UKNOW: UNIVERSITY OF KENTUCKY NEWS**  
 Design Professors' Work Acquired by France's National Centre for Visual Arts
- 08.2013**      **REVEAL: UNIVERSITY OF KENTUCKY RESEARCH MEDIA**  
 "Algae CO2 Capture: Imagining the Future" Video feature on Undergrad Studio collaboration with UK Center for Applied Energy Research and Duke Energy.
- 11.2012**      **REVEAL: UNIVERSITY OF KENTUCKY RESEARCH MEDIA**  
 "UK Visualizes future for Paducah Gaseous Diffusion Plant" Video feature on Research collaboration with Prof. Rohrbacher that was funded by UK Center for Applied Energy Research, KRCEE, and US Dept of Energy.
- 05.2012**      **US DEPT OF ENERGY ENVIRONMENTAL MGMT QUARTERLY**  
 Walker, Joe. "Students Imagine Paducah Site as Technical, Industrial Hub" Feature on Research/Teaching Program in the Environmental Management Quarterly, distributed throughout the US Dept of Energy.
- 04.2012**      **RIVER CITIES CATALOG FOR 2012 IABR**  
 Speaks, Michael. "Henderson Studio" and "Paducah Studio" in University of Kentucky Catalog for the 2012 International Architecture Biennale Rotterdam.

## LECTURES & CONFERENCES

### LECTURES/WORKSHOPS

- JAN 13, 2018**      **THE DESIGN SOCIETY**      **SHENZHEN, CHINA**  
Invited/Sponsored public lecture and workshop given at The Design Society Museum in Shenzhen. Co-presented with Gary Rorhbacher.
- JAN 11, 2018**      **SEESAW COFFEE SHOP**      **SHANGHAI, CHINA**  
Invited/Sponsored public lecture alongside designer, architects and entrepreneurs in a prominent creative venue for Shanghai's emergent creative startup community. Co-presented with Gary Rorhbacher.
- JAN 10, 2018**      **XINFAB FABLAB**      **SHANGHAI, CHINA**  
Invited public lecture at Shanghai's most established FabLab. Co-presented with Gary Rorhbacher.
- NOV 28, 2017**      **AIA TENNESSEE**      **KNOXVILLE, TN**  
"Filson and Rohrbacher Work" Invited lecture delivered to AIA Tennessee.
- APR 1-17, 2015**      **INST. HYPERWERK FOR POSTINDUSTRIAL DESIGN**      **BASEL, CH**  
Invited/Sponsored two-week workshop, public lecture, and student exhibition on design and digital fabrication of small structures for product design faculty and students in Switzerland. Co-presented with Gary Rorhbacher.
- SEPT 2, 2015**      **ON DEMOCRATIC ARCHITECTURE**      **AMSTERDAM, NL**  
Public debate/symposium on A Mies for All project, held at Hotel Droog with French artist Pierre Bismuth who initiated the project in 2011; Anne Filson of Filson and Rohrbacher, Matthijs Bouw, founding principal of One Architecture; chairman of Lightness Studios Ed van Hinte; NRC journalist Bernard Hulsman.
- APR 1-15, 2015**      **SALONE INTERNAZIONALE DEL MOBILE**      **MILAN, ITALY**  
Invited/Sponsored Lectures at Milan Design Library, WeMake and La Confederazione Nazionale dell'Artigianato e della Piccola e Media Impresa.
- FEB 1-3, 2015**      **DESIGN/FABRICATION LIVING LAB**      **SAN FRANCISCO, CA**  
Conference/Symposium funded by Netherlands Creative Industry Funds (€30,000) to discuss AEC Industry opportunities within the overlaps between US Technology/Startup and Dutch Design Cultures.
- OCT 5-9, 2014**      **INST. HYPERWERK FOR POSTINDUSTRIAL DESIGN**      **BASEL, CH**  
Invited/Sponsored week long workshop on collaborative, open design and digital fabrication for product design faculty and students in Switzerland. Co-presented with Gary Rorhbacher.
- MAR 20, 2014**      **DESIGN FOR MANUFACTURING FORUM**      **BROOKLYN**  
"Leveraging Design & DIY" presented at Design for Manufacturing Summit #5. Invited/funded by ShopBot Tools. Co-presented with Gary Rorhbacher.
- NOV 11, 2013**      **HET NIEUWE INSTITUUT**      **ROTTERDAM, THE NETHERLANDS**  
"A New Business Model for Architects" presented at Seminar Dragon's Den: New Technologies, New Business Models for Architects at. Co-presented with Gary Rohrbacher. Panelists: Ben van Berkel, Jelle Feringa / TU Delft, Archis Foundation, Matthijs Bouw, Pierre Bismuth.
- NOV 27, 2012**      **AUTODESK UNIVERSITY INNOVATION FORUM**      **LAS VEGAS**  
"Everyone Is a Designer" co-Presented with Gary Rohrbacher. AU is an industry convention with 8000 in attendance. Its innovation forum is a respected venue for emerging trends in the design, architecture, and AEC industry. 1 of 18 invited speakers to present on AU's Innovation Panel.

**MAR 2, 2012**      **INDIANA UNIVERSITY**      **INDIANAPOLIS**  
 "Networked Constructions" Lecture on Open Design and distributed manufacturing. co-Presented with Gary Rohrbacher at Indiana University's Herron School of Art and Design.

**CONFERENCES & SYMPOSIA**

**OCT 21, 2018**      **APPLICATIONS + IMPLICATIONS SYMPOSIUM**      **COLUMBUS, IN**  
 "Design After Work" Presentation and Panel co-presented with Gary Rohrbacher

**JUL 3, 2014**      **FAB10: INT'L FABLAB CONFERENCE**      **BARCELONA, SPAIN**  
 Poster Presentation "1000 Chairs and Counting: Emergent Collaborations around the Information of Things." Publication in Conference Proceedings.

**SEP 11, 2011**      **8TH INT'L CDVE CONFERENCE**      **HONG KONG**  
 Presentation given at 8th International Conference on Cooperative Design, Visualization and Engineering, Sept 12, 2011. "Design Offered Up: Control and Open Outcomes in a Digitally Enabled Design Process" Paper co-authored with Gary Rohrbacher.

**JUN 2, 2011**      **ADVANCES IN DESIGN SCIENCES & TECHNOLOGY**      **ROME, ITALY**  
 Invitation to present at the 13th International Conference on Advances in Design Sciences and Technology. Department of Civil, Building and Environmental Engineering Sapienza University of Rome. June 8, 2011. Paper "Design Interrelated" co-authored with Gary Rohrbacher (Unable to present, due to insufficient university travel funds).

**NOV 8, 2010**      **ENVISIONING ORGANIZATION CONFERENCE**      **COLUMBUS, OH**  
 Presentation "t/\$ (time & money)" Clarification Panel, Envisioning Organization Conference. Knowlton School of Architecture, Ohio State University.

**RESEARCH SUPPORT**

**ONGOING RESEARCH SUPPORT**

**06.2017-03.2019**      **DESIGN + ENERGY RESEARCH**      **\$65,009/\$170,973 (TOTAL)**  
**UK CAER & US DEPT OF ENERGY**  
 co-PI for #3210000289. Funding for Continued PGDP Virtual Museum Design and Communications Strategy/Implementation for Community Outreach. Funds split with co-PI's. My portion of the grant is estimated at \$65,009.

**COMPLETED RESEARCH SUPPORT**

**04.2015-05.2017**      **DESIGN + ENERGY RESEARCH**      **\$57,509/\$151,248 (TOTAL)**  
**UK CAER & US DEPT OF ENERGY**  
 co-PI for #3210000289. Funding for PGDP Virtual Museum Design and Development and Community Outreach. Funds split with co-PI's. My portion of the grant was \$57,509.

**07.2015-09.2015**      **HOTEL DROOG GALLERY IN-KIND**  
 Exhibition and event production and additional hosting and support for 3-month exhibition and public presentation in Amsterdam.

**11.2014-11.2015**      **FABRICATION LIVING LAB**      **\$55,000/\$100,000**  
 Organized and Hosted Symposium in San Francisco and Amsterdam to explore the future of construction with a research living lab. Grant led by Waag Society and One Architecture in Amsterdam. I managed funds \$55,000

**04.2012-**      **SUPPORT FROM INDUSTRY IN-KIND**  
**SHOPBOT TOOLS, MAKERBOT INDUSTRIES, SKETCHUP**  
 In-kind support for the AtFAB project from key AEC and Digital Fabrication companies. Technical support, ongoing access/dialogue with R&D teams, as well as fabrication services, equipment, and supplies.



<b>07.2015–09.2015</b>	<b>DESIGN + ENERGY RESEARCH</b> <b>UK CENTER FOR APPLIED ENERGY RESEARCH &amp; US DEPT OF ENERGY</b> co-PI for #321000026. Funds for advanced PGDP documentation and presentation, Virtual Museum Preliminary Development.	<b>\$41,126/\$61,073</b>
<b>01.2014–06.2015</b>	<b>DESIGN + ENERGY RESEARCH</b> <b>UK CENTER FOR APPLIED ENERGY RESEARCH &amp; US DEPT OF ENERGY</b> Direct Funds for advanced PGDP documents. Funds split with co-PI.	<b>\$50,000</b>
<b>04–07.2015</b>	<b>UNIVERSITY OF KENTUCKY</b> <b>FACULTY RESEARCH GRANT</b> Competitive Grant awarded for research, public lecture, workshop, and exhibition in Milan during the 2014 International Salone del Mobile and International Expo. Funding was matched by WeMake Fab Lab and La Confederazione Nazionale dell'Artigianato e della Piccola e Media Impresa. Funds split with co-PI, Gary Rohrbacher.	<b>\$7,500</b>
<b>07.2014</b>	<b>SUPPORT FOR FAB10 CONFERENCE</b> <b>UNIVERSITY OF KENTUCKY</b> Funds for travel to present, exhibit, and attend the 10th International FabLab Conference in Barcelona, Spain.	<b>\$2,800</b>
<b>01–11.2013</b>	<b>A MIES FOR ALL FIRST PHASE</b> <b>NETHERLANDS ARCHITECTURE &amp; CULTURE FUNDS</b> Direct Funds for expenses to collaborate, document, and travel for presentation in The Netherlands in support of A Mies for All project. My portion of the grant was approximately €2,500 .	<b>€2,500/€30,000</b>
<b>05.2013</b>	<b>KELLER GALLERY EXHIBITION</b> <b>MIT SCHOOL OF ARCHITECTURE + PLANNING</b> Funds to design, produce, and install the Incremental Change exhibition at MIT in Spring 2013. Funds split evenly with Gary Rohrbacher.	<b>\$10,000</b>
<b>01.2013–12.2013</b>	<b>DESIGN + ENERGY RESEARCH</b> <b>UK CENTER FOR APPLIED ENERGY RESEARCH &amp; US DEPT OF ENERGY</b> Direct Funds for advanced PGDP documentation and presentation, Design + Energy project feasibility research, and outreach studio teaching support for Gary Rohrbacher's studio. I oversaw 25% of this funding.	<b>\$60,000</b>
<b>12.2012</b>	<b>2012 INNOVATION SUMMIT</b> <b>AUTODESK, INC.</b> Honorarium & travel for 2012 Autodesk University Innovation Forum.	<b>\$2,500</b>
<b>04.2012</b>	<b>INT'L ARCHITECTURE BIENNALE ROTTERDAM</b> <b>UNIVERSITY OF KENTUCKY</b> Funds for travel to exhibit and attend the International Architecture Biennale in Rotterdam. Held at the Netherlands Architecture Institute.	<b>\$2,200</b>
<b>03.2012</b>	<b>COUCHED CONSTRUCTIONS EXHIBITION</b> <b>INDIANA UNIVERSITY / HERRON SCHOOL OF ART</b> Funds to produce, and install work at the Herron Gallery in Indianapolis. Funds split with project collaborator, Gary Rohrbacher.	<b>\$1000</b>
<b>01.2011–12.2012</b>	<b>ATOMIC CITIES &amp; PGDP MODELS</b> <b>UK CENTER FOR APPLIED ENERGY RESEARCH &amp; US DEPT OF ENERGY</b> Direct Funds to produce US DoE Interactive Models to communicate to contractors, federal and state agencies, political leaders and the general public. Collaboration with Asst. Prof. Gary Rohrbacher.	<b>\$260,000</b>

<b>08.2009–06.2011</b>	<b>UNIVERSITY OF KENTUCKY</b> <b>NEW FACULTY STARTUP FUNDS</b> Funds for office infrastructure: equipment, software, furnishings	<b>\$25,000</b>
<b>06.2010</b>	<b>UNIVERSITY OF KENTUCKY</b> <b>FACULTY RESEARCH GRANT</b> Funds to visit archives and interview economic and legal experts in architecture. Funds supported research of 1960-1980 liability, policy and economic shifts and their lasting impact on the profession and built environment.	<b>\$2,500</b>

## **TEACHING**

**2017-2018**

**ARC 743**

**TOPICS IN ADVANCED PROFESSIONAL PRACTICE**  
**CRITICAL BUSINESS**

How might the architectural profession leverage entrepreneurship, design strategy and risk management to make a new value proposition for architects. Students analyze design and business case studies, produce a development pro forma, and design, develop and pitch business plans for design-oriented businesses.

**ARC 458/658**

**GRADUATE/ADVANCED DESIGN STUDIO**

Autogenetic bioplastics factory studio, with technical consulting by CAER.

**ARC 355**

**THIRD YEAR DESIGN STUDIO**

Studio Coordinator. Topics in urbanism and projects in NuLu Louisville.

**2016-2017**

**ARC 743**

**TOPICS IN ADVANCED PROFESSIONAL PRACTICE**  
**CRITICAL BUSINESS**

How might the architectural profession leverage entrepreneurship, design strategy and risk management to make a new value proposition for architects. Students analyze design and business case studies, produce a development pro forma, and design, develop and pitch business plans for design-oriented businesses.

**ARC 458/658**

**GRADUATE/ADVANCED DESIGN STUDIO**

Russell / West Louisville Architect as Developoer

**ARC 458/658**

**GRADUATE/ADVANCED DESIGN STUDIO**

Paristown Pointe Louisville planning and design

**2015-2016**

**ARC 743/599**

**TOPICS IN ADVANCED PROFESSIONAL PRACTICE**  
**CRITICAL BUSINESS**

Historical survey of the social, ethical and economic ramifications of legal, political and economic changes to the profession. Course examines architectural contract and software innovations, other design disciplines, business case studies. We look at how the profession may leverage entrepreneurship, design strategy and risk to make a new value proposition for architects. Students examine case studies, produce a housing development pro forma, and produce and pitch a business plan for a design-oriented business.

**ARC 458/658**

**GRADUATE/ADVANCED DESIGN STUDIO**

Portland/Louisville Architect as Developoer

**ARC 458/658**

**GRADUATE/ADVANCED DESIGN STUDIO**

21st Century Shotguns: UK Smart Homes Initiative

<b>2014-2015</b>	
<b>ARC 743/599</b>	<b>TOPICS IN ADVANCED PROFESSIONAL PRACTICE</b>
<b>ARC 354</b>	<b>THIRD YEAR DESIGN STUDIO</b> Trans-Disciplinary Research Center at Euclid and Rose
<b>ARC 355</b>	<b>THIRD YEAR DESIGN STUDIO</b>
<b>2013-2014</b>	
<b>ARC 743/599</b>	<b>TOPICS IN ADVANCED PROFESSIONAL PRACTICE</b>
<b>ARC 354</b>	<b>THIRD YEAR DESIGN STUDIO</b> Trans-Disciplinary Research Center at Euclid and Rose
<b>2012-2013</b>	
<b>ARC 743/599</b>	<b>TOPICS IN ADVANCED PROFESSIONAL PRACTICE</b> Critical Business
<b>ARC 354</b>	<b>THIRD YEAR DESIGN STUDIO</b> University Trans-Disciplinary Research Center, Rose and Euclid
<b>ARC 355</b>	<b>THIRD YEAR DESIGN STUDIO</b> Duke Energy Carbon Refinery, East Bend Station Union, KY. Outreach studio involved Duke Energy, East Bend Station team, UK CAER Biofuels team led by Dr. Mark Crocker, Materials Science Team led by Dr. John Groppo. Students proposed industrial/agricultural planning strategies to incorporate CAER's research on algae bioreactors. UK Research media produced "Algae CO2 Capture: Imagining the Future" for broadcast on PBS, Community Stations, and online.
<b>2011-2012</b>	
<b>ARC 743/599</b>	<b>TOPICS IN ADVANCED PROFESSIONAL PRACTICE</b> Critical Business
<b>ARC 354</b>	<b>THIRD YEAR DESIGN STUDIO</b> CentreSporte: Urban Sports & Recreation Center, Lexington
<b>ARC 355</b>	<b>THIRD YEAR DESIGN STUDIO</b> UK Center for Applied Energy Research Field Lab & Conference Center—outreach studio with client role and technical consulting by CAER scientists.
<b>SPR 2012</b>	<b>JUNIOR FACULTY OF THE YEAR AWARD</b> School of Architecture.
<b>2010-2011</b>	
<b>ARC 743/599</b>	<b>TOPICS IN ADVANCED PROFESSIONAL PRACTICE</b> Critical Business
<b>ARC 354</b>	<b>THIRD YEAR DESIGN STUDIO</b> Kentucky Proud Urban Supermarket in downtown Lexington
<b>ARC 355</b>	<b>THIRD YEAR DESIGN STUDIO</b> UK Center for Applied Energy Research Field Lab & Conference Center—outreach studio with client role and technical consulting by CAER scientists.
<b>2009-2010</b>	
<b>ARC 743/599</b>	<b>TOPICS IN ADVANCED PROFESSIONAL PRACTICE</b> Critical Business
<b>ARC 355</b>	<b>THIRD YEAR DESIGN STUDIO</b> Bereavement Center. Outreach studio that engaged a client group of executives and volunteers from St. Elizabeth's Hospice in Edgewood, KY

**ARC 652**

**GRADUATE DESIGN STUDIO**

Strategic Plan for Henderson, KY: Outreach studio with community involvement by local residents, politicians, and agencies in Henderson.

**ADMINISTRATION & SERVICE**

**COMMITTEES**

**2019–2020**

**GRADUATE STUDIO COORDINATOR**

**2016–**

**SCHOOL OF ARCHITECTURE, AD HOC COMMITTEES FOR GRADUATE FACULTY SEARCH, GRADUATE STUDIES, DIGITAL MEDIA**

**2015–2016**

**COLLEGE OF DESIGN FACULTY SENATOR**

**2009–**

**SCHOOL OF ARCHITECTURE CURRICULUM COMMITTEE**

Chair 2010–2011, 2011–2012, 2013–2014, 2014–2015

**2015-2016**

**SCHOOL OF ARCHITECTURE DIRECTOR SEARCH COMMITTEE**

Chair

**2013–2015**

**COLLEGE OF DESIGN DEAN SEARCH COMMITTEE**

**2010–2014**

**THIRD YEAR STUDIO COORDINATOR**

**2012–2015**

**COLLEGE OF DESIGN CURRICULUM COMMITTEE**

Chair 2014–2015

**2010–**

**GRAD/UNDERGRAD DESIGN STUDIO CURRICULUM LIAISON**

**2009–2012**

**COLLEGE OF DESIGN LECTURES AND EVENTS COMMITTEE**

**2009–2010**

**UNIVERSITY INTERNATIONAL STUDIES COMMITTEE**

**SERVICE/MISC**

**SPRING 2014**

**JUROR, LOUISVILLE DEPARTMENT OF PLANNING**

Juror on the “Lots of Opportunities” Competition tasked to select projects for creative reuse of empty urban lots. Competition based on the 25 Year Vision Plan for Economic Growth and Innovation proposed by SpaceGroup.

**FALL 2013**

**PDGP MODEL EXHIBITION**

Western Kentucky Community and Technical College Innovation Center. Model exhibited and used by PGDP agency representatives, community groups and other stakeholders.

**ONGOING**

**NCARB INTERN DEVELOPMENT PROGRAM SUPERVISOR**

Mentor/supervise architectural interns toward licensure, who are logging project hours while working in my firm.

**ARCHITECTURE STUDIOS**

**F 2016-S2017**

**GRADUATE OUTREACH STUDIOS - LOUISVILLE**

Design explorations based on City of Louisville strategic planning concepts for Paristowne Pointe Urban Government Center and West Louisville neighborhoods.

**SPR 2016**

**GRADUATE OUTREACH STUDIO**

UK Interdisciplinary Smart Homes Initiative. Studio served to assist an interdisciplinary team gather ideas and define the scope of a future research initiative.

**FALL 2015**

**GRADUATE OUTREACH STUDIO**

Architecture, Planning and Programming Concepts for Portland Neighborhood Revitalization/Redevelopment

- SPR 2013**                    **UNDERGRADUATE OUTREACH STUDIO: CARBON REFINERY**  
 Worked with CAER Scientists, Duke Energy executives, and East Bend Power Station staff to design a “Carbon Refinery” on East Bend’s site. Students proposed industrial/agricultural scale planning strategies that incorporated CAER’s research on algae bioreactors that thrive on a power plant’s CO<sup>2</sup> byproduct. Student proposals informed researchers and energy executives on potential site use and envisioned the space for biofuels production. UK Research media produced “Algae CO<sup>2</sup> Capture: Imagining the Future” for broadcast on Local PBS, Community Stations, and online.
- SPR 2011, 2012**            **UNDERGRAD OUTREACH STUDIO: ALGAE BIOREACTOR**  
 Collaborated with CAER Scientists to design Algae Bioreactors and research facilities. Students proposed spatial strategies for algae bioreactors, which provided researchers and energy executives with a new way to understand a critical site.
- FALL 2010**                **DESIGN STUDIO BEREAVEMENT PROJECTS EXHIBITION**  
 Worked with School of Architecture alumna donor to curate and design an exhibit of student projects for St. Elizabeth’s Hospice 25th Anniversary. Represented School of Architecture to board, staff and volunteers.
- SPR 2010**                **UNDERGRAD OUTREACH STUDIO: BEREAVEMENT CENTER**  
 Developed a Third Year Outreach Studio Curriculum and Coordinated project parameters for diverse team of Third Year Studio Instructors to teach. Managed stakeholder relationship with St. Elizabeth’s Hospital and Hospice client group, and oversaw stakeholder and studio communications, research, and reviews.

**FIELD RESEARCH, SOCIAL MEDIA & OUTREACH**

- 2011–**                    **ATFAB.CO**  
**FILSON-ROHRBACHER.COM**  
**DESIGNFORCNC.COM**  
 2011-2019 AtFAB furniture file downloads: 17,500+ (ref. Mailchimp, site analytics, opendesk.cc), 2017-2018 average combined weekly website visits: 3500 (ref. Google Analytics), 2019 voluntary newsletter signups: 3600 (ref. Mailchimp), @AtFAB\_co & @Fil\_Ro combined followers: 1200 (ref. Twitter).
- SEP 2017**                **WORLD MAKER FAIRE, NEW YORK**  
 Exhibition of AtFAB, Open Source, Parametric CNC Furniture and Book Presentation on Design for CNC. Winner of an Editor’s Choice Award.
- JUL 2014**                **MAKER FAIRE, DETROIT, MI**  
 Exhibition: Open Source Living Room / Sponsored by ShopBot Tools
- MAY 2014**                **MAKER FAIRE, SAN MATEO, CA**  
 Exhibition: Open Source Living Room and Presentation: Design/Fabrication Store, an urban storefront factory. MAKE Magazine Editor’s Choice Award.
- SEP 2012**                **WORLD MAKER FAIRE, NEW YORK**  
 Exhibition of AtFAB, Open Source, Parametric CNC Furniture and Presentation on Distributed Manufacturing. Winner of an Educator’s Choice Award.
- MAY 2012**                **MAKER FAIRE, SAN MATEO**  
 Exhibition of AtFAB, Open Source, Parametric CNC Furniture.
- SEP 2011**                **WORLD MAKER FAIRE, NEW YORK**  
 Exhibition of AtFAB, Open Source, Parametric CNC Furniture. Winner of a MAKE Magazine Editor’s Choice Award.