

Joshua D. Bard

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Education

- 2007 Master of Architecture, Graduation with Distinction
Taubman College of Architecture and Urban Planning, University of Michigan, Ann Arbor, MI
- 2002 Bachelor of Arts; majors in literature and philosophy, minor in German
Wheaton College, Wheaton, IL

Academic Appointments

- School of Architecture, Carnegie Mellon University
- 2012–Present Assistant Professor in Architecture

Taubman College of Architecture and Urban Planning, University of Michigan
- 2011–2012 Lecturer III in Architecture
- 2007–2010 Lecturer I in Architecture
- 2007–present Director, Summer Institute for International Students
- 2007–2008 Coordinator, Digital Fabrication Laboratory

Courses

- 2011–2012 Digital Fabrication Seminar: *Applied Research Collective* Arch 507
Geometric Modeling Arch 421
Undergraduate Design Studio Arch 312
Digital Drawing Arch 211
- 2010–2011 Digital Fabrication Seminar: *Youth Hostel Detroit* Arch 507
Graduate Design Studio Arch 422
Design Fundamentals Arch 416
Undergraduate Design Studio Arch 312
Digital Drawing Arch 211
- 2009–2010 Digital Fabrication Seminar: *All Bent Out...* Arch 507
Graduate Design Studio Arch 422
Geometric Modeling Arch 421

	Design Fundamentals	Arch 416
	Undergraduate Design Studio	Arch 312
	Digital Drawing	Arch 211
2008–2009	Graduate Design Studio	Arch 422
	Design Fundamentals	Arch 416
	Undergraduate Design Studio	Arch 312
	Digital Drawing	Arch 211
2007–2008	Architectural Theory + Criticism	Arch 572
	Digital Drawing	Arch 211

Research Grants

2011	<i>Applied Research Collective</i> North Campus Research Complex University of Michigan With Erik Hofer (Office of Enabling Technologies, University of Michigan Medical School) \$60,000
2011	<i>Morphfaux: Recovering Plaster as Architectural Substrate</i> Office of the Vice President for Research University of Michigan With Steven Mankouche, Matthew Schulte \$15,000
2011	<i>Morphfaux: Recovering Plaster as Architectural Substrate</i> Research Through Making Grant Taubman College of Architecture and Urban Planning With Steven Mankouche, Matthew Schulte \$20,000
2011	<i>Youth Hostel Detroit</i> (pilot course) Lecturers' Employee Organization, Professional Development Fund University of Michigan With Matthew Schulte \$550
2011	<i>Youth Hostel Detroit</i> (pilot course) Center for Research on Learning and Teaching, Instructional Development Fund University of Michigan With Matthew Schulte \$500
2010	<i>Springback</i> Exhibition College Research Fund Taubman College of Architecture and Urban Planning With Steven Mankouche, Matthew Schulte \$3,600
2010	<i>Springback</i> Exhibition

- 2009 Office of the Vice President for Research
University of Michigan
With Steven Mankouche, Matthew Schulte
\$5,000
Digital Steam Bending
- 2009 Office of the Vice President for Research
University of Michigan
With Steven Mankouche
\$12,000
Digital Steam Bending
- 2009 Research Through Making Grant
Taubman College of Architecture and Urban Planning
With Steven Mankouche, Tsz Yan Ng
\$20,000
Digital Steam Bending
- 2009 Center for Research on Learning and Teaching, Lecturer Development Fund
University of Michigan
Sole Investigator
\$2,000
Ceramic Origami

Awards

- 2011 Honorable Mention
Springback
ACSA Faculty Design Award
With Steven Mankouche, Matthew Schulte
- 2011 Merit Winner
Springback
2010 Wood Design Awards Competition
Canadian Wood Council
With Steven Mankouche, Matthew Schulte
- 2010 R+D Award
Digital Steam Bending: A Parametrically Adaptable Structural System
Architect magazine
With Steven Mankouche, Matthew Schulte
- 2010 Design Citation
Civic Bend
Unbuilt Architecture Design Award
Boston Society of Architects (BSA)
With Steven Mankouche, Matthew Schulte
- 2007 Recipient
Alpha Rho Chi Medal
Taubman College of Architecture and Urban Planning
University of Michigan

- 2004–2007 Recipient
Taubman College Henderson Scholarship
Taubman College of Architecture and Urban Planning
- 2006 Member, winning student team
P3: People Prosperity Planet
United States Environmental Protection Agency
- 2005 Recipient
Design Studio Scholarship Award
Taubman College of Architecture and Urban Planning

Exhibits

- 2012 *Research Through Making*, Liberty Research Annex
Taubman College of Architecture and Urban Planning, University of Michigan
Ann Arbor, MI
- 2011 *Springback*, Matthaei Botanical Gardens
University of Michigan
Ann Arbor, MI
- 2010 *Springback*, Frederick Meijer Gardens and Sculpture Park
Art Prize
Grand Rapids, MI
- 2010 *Civic Bend*, Unbuilt Architecture Design Awards
Boston Society of Architects (BSA)
Boston, MA
- 2010 *Research Through Making*, Architecture Gallery
Taubman College of Architecture and Urban Planning, University of Michigan
Ann Arbor, MI
- 2007 *Thesis Exhibition*, Architecture Gallery
Taubman College of Architecture and Urban Planning, University of Michigan
Ann Arbor, MI
- 2006 *P3: People Prosperity Planet*, National Mall
United States Environmental Protection Agency
Washington, DC

Publications

- 2012 Architectural Education Awards, ASCA, digital publication, forthcoming
- 2011 Schulte, Matthew, Steven Mankouche, Joshua Bard, and Tsz Yan Ng. "Digital Steam Bending: Re-Casting Historical Craft Through Digital Techniques." In *Considering Research: Reflecting on Current Themes in Architectural Research*, edited by Philip Plowright and Bryce Gamper, 269-280. Detroit: Lawrence Tech, 2011.

- 2011 "Merit Awards: *Springback*." In *Celebrating Excellence in Wood Structures: 2010-11 North American Wood Design Award Winners*, edited by Bernadette Johnson, 49-51. Ottawa: Canadian Wood Council, 2011.
- 2010 Gerfen, Katie. "Research and Development Awards: Digital Steam-Bending: Developing a Parametrically Adaptable Wishbone Structural System." *Architect* 104 (2010): 52-55 and cover.
- 2007 "Entering the Fold: Surface Tactics and Spatial Tact." *Dimensions* 21 (2008): 34-41.

Lectures

- 2012 *Morphfaux: Recovering Plaster as Architectural Substrate*
Keynote address: *Whither Installation* Symposium, Taubman College, University of Michigan
- 2010 *Pliant: Experiments in Material Deformation*
PechaKucha Detroit Volume 7, The Henry Ford Museum, Dearborn, MI
- 2009 *Paper or Plastic?*
Faculty Practice Series, Taubman College, University of Michigan

Professional Experience

- 2007–present Designer, JDBard Design, Ann Arbor, MI
- Summer 2008 Project Architect, M1/dtw, Detroit, MI
- 2005–2007 Intern, PLY Architecture, Ann Arbor, MI (intermittent)
- 2006 Project Manager, TCAUP Building Design Workshop, Ann Arbor, MI

Professional Licensure

- forthcoming Architectural License (ARE 3/7 complete, IDP in progress)
- 2003–2006 Licensed Builder in the State of Michigan

Projects

- in process Palmsvogler Residence, design and fabrication, custom countertop, Ann Arbor, MI
- 2011 600 Davis, design, residential remodel, Ann Arbor, MI
- 2010 Quiring Residence, design and fabrication, restoration & built-in furniture, Okemos, MI
- 2009 Dill Residence, design, addition and renovation, Newtown Square, PA
- 2008 Bowen Residence, design, addition and renovation, Wilmette, IL
- 2008 DocLounge, design and fabrication, interior renovation, Ann Arbor, MI (with M1/dtw)

- 2007 Windridge Residence, schematic design, new home construction, Chadds Ford, PA
- 2007 Choice Dental Center, fabrication, built-in furniture, Ann Arbor, MI (with PLY Arch)
- 2005 Taubman College Media Center, design and fabrication, built-in furniture, Ann Arbor, MI

Service

- 2011 Member, NAAB Accreditation Committee
- 2011 Juror, Taubman College annual student exhibit and Willeke Portfolio Competition

Joshua D. Bard

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References

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