

David Aaron Pastre

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Education

- Masters of Architecture May 2005
Clemson University, Clemson, SC.
- Bachelor of Arts in Architecture May 1998
Miami University, Oxford, OH.

Teaching Experience

- Clemson University School of Architecture 2005-present
Charleston, SC.
Senior Lecturer, Shop Manager
- architecture+communityBUILD at Clemson University 2012-present
Charleston, SC.
Graduate certificate program coordinator
- Clemson University 2000
Teaching assistant and LAB technician

Professional Experience

- JMO Woodworks, Inc. 2001-2011
Charleston, SC.
Designer, Cabinet Maker, Craftsman
Architectural detailing and construction (kitchens, architectural details, focal points)
Furniture design and construction
Architectural installations
- Will Byram Construction 1999-2000
Manitowish Waters, WI
Carpenter, Craftsman
Traditional log cabin and timber frame construction
- Lafferty Construction 1998-1999
Zanesville, OH.
Carpenter
Residential and small commercial construction
- Architectural Alliance 1996-1998
Columbus, OH.

Intern Architect

Preliminary design on civic, commercial and residential projects

Student Design Awards

- DOE Solar Decathlon 2016
INDIGO PINE: Solar Home
2nd Place ARCHITECTURE, 2nd Place COMMUNICATIONS, 3rd Place MARKET APPEAL, 6TH Place OVERALL
Student Team and collaborating CORE faculty: Dustin Albright, Ulrike Heine, Vincent Blouin, David Pastre
- CASE III Award Grand Award for Clemson University Indigo Pine Project (Sub Unit Campaign) Award of Excellence for Clemson University Indigo Pine Project (Branding/Identity Program or Campaign) Special Merit for Indigo Pine Project (Specialty Piece--Graphic Design) Indigo Pine Project Illustration Cover (Graphic Design) 2016
Student Team and collaborating CORE faculty: Dustin Albright, Ulrike Heine, Vincent Blouin, David Pastre
- Blue Award - INTERNATIONAL STUDENT COMPETITION FOR ACADEMIC FIELDS OF ARCHITECTURE / URBANISM AND REGIONAL PLANNING / CIVIL ENGINEERING 2016
Student Team and collaborating CORE faculty: Dustin Albright, Ulrike Heine, Vincent Blouin, David Pastre
- AIA Component Excellence Award 2015
Kids in Architecture AIA South Carolina
- American Galvanizers Association Award for Excellence 2011
Corinne Jones Playground seating and shade structure
- ACSA creative Achievement Award 2008
Mini Museum

Course Profile

- ARCH 3520_8520-LARCH 4520 Studio V Fall 2017
- ARCH 4770_6770 ITC Fall 2017
- ARCH 3520-LARCH 4520 Studio V Spring 2017
- ARCH 4770 ITC Spring 2017
- ARCH 3520_8520-LARCH 4520 Studio V Fall 2016

• ARCH 4770_6770	ITC Fall 2016
• ARCH 3520	Studio V Spring 2016
• ARCH 4770	ITC Spring 2016
• ARCH 3520_8520-LARCH 4520	Studio U Fall 2015
• ARCH 4770_6770	ITC Fall 2015
• ARCH 3520_8520-LARCH 4520	Studio V Spring 2015
• ARCH 4770_6770	ITC Spring 2015
• ARCH8320	Community 1:1 2014
• ARCH 3520_8520-LARCH 4520	Studio V Fall 2014
• ARCH 4770_6770	ITC Fall 2014
• ARCH 3520_8520-LARCH 4520	Studio V Spring 2014
• ARCH 4770_6770	ITC Spring 2014
• ARCH 3520-LARCH 4520	Studio V Fall 2013
• ARCH 4770	ITC Fall 2013
• ARCH 3520_8520-LARCH 4520	Studio V Spring 2013
• ARCH 4770_6770	ITC Spring 2013
• ARCH 352-LARCH 452	Studio V Fall 2012
• ARCH 477	ITC Fall 2012
• ARCH 477_677	ITC Fall 2011
• ARCH 477_677	ITC Spring 2011
• ARCH 352_852-LARCH 452	Studio V Fall 2010
• ARCH 477_677	ITC Spring 2010
• ARCH 477_677	ITC Fall 2009
• ARCH 477_677	ITC Spring 2009
• ARCH 490_890	ITC Fall 2008
• ARCH 490_890	ITC Spring 2008
• ARCH 490_890	ITC Fall 2007
• ARCH 490_890	ITC Spring 2007
• ARCH 490_890	ITC Fall 2006
• ARCH 490_890	ITC Spring 2006
• ARCH 490_890	ITC Fall 2005

Research

- Medway Community Garden, Pavilion and Storage Fall 2017
 Partnership project with the Charleston Parks Conservancy and the Charleston Department of Parks
 Installation in West Ashley, Charleston, SC.
- REDUX Contemporary Art Center Gallery design and up-fit Spring 2017
 Project with the non-profit REDUX Contemporary Art Center
 Installation in Charleston, SC.
- Crop Stop III Fall 2016
 Partnership project with Clemson's Extension for Economic and Community Development
- Indigo Vat Shack Spring 2016
 Project with the non-profit Enough Pie
- Indigo Pine / Solar Decathlon Fall 2014 – Fall 2015
 A+cB joint project between Charleston and Clemson Campuses
 Completed installations in Clemson, SC. and Irvine CA.
- Crop Stop I/II Spring 2015
 Partnership project with Clemson's Extension for Economic and Community Development
 Complete installations in Charleston, SC. and Greenville, SC.
- Crop Stop II Fall 2014
 Partnership project with Clemson's Extension for Economic and Community Development
 Installation at Mill Village Farms, Greenville, SC.
- Crop Stop I (Prototype) Spring 2014
 Partnership project with Clemson's Extension for Economic and Community Development
 Installation at Sweetgrass Garden on Johns Island, Charleston, SC.
- West Ashley Community Garden, Pavilion and Storage Fall 2013
 Partnership project with the Charleston Parks Conservancy and the Charleston Department of Parks
 Installation in West Ashley, Charleston, SC.
- Conference Table Fall 2013
 Installation at the McMillan | Pazdan | Smith office, Charleston. SC.
- DIALOUGE: rock paper scissors Spring 2013
 Fluid Campus partnership between CAC.C (Charleston), CAC.G

- (Genoa), and AIA South Carolina
 Installation for the CAC.C 25th Celebration, Charleston, SC.
 Installation for the AIA SC 100th Celebration, Charleston, SC.
- GAP Shed Prototype Spring 2013
 Partnership project with Clemson's Extension for Economic and
 Community Development
 Installation at Sweetgrass Garden on Johns Island, Charleston, SC.
 - Pulse Dome Project Fall 2012
 Partnership project with the College of Charleston's Halsey Gallery
 Installation at 1 Simons Street, Charleston, SC.
 Symposium presentation: Bio-Logical Architecture: Past, Present
 and Future (December 8, 2012)
 - Saltworks: Return To The Sea Spring 2012
 Partnership project with the College of Charleston's Halsey Gallery
 Installation at the Halsey Gallery, Charleston, SC.
 - Shelving and Storage wall unit Spring 2012
 Installation at Coastal Climbing, Charleston, SC.
 - Corinne Jones Playground seating and shade structure Fall 2011
 Partnership project with the Charleston Parks Conservancy and the
 Charleston Department of Parks
 Installation at Corinne Jones Playground, Charleston, SC.
 - Director's Office Renovation Fall 2011
 Installation at the CAC.C, Charleston, SC.
 - Student Break Room Renovation Fall 2011
 Installation at the CAC.C, Charleston, SC.
 - Restroom Renovation Spring 2011
 Installation at the CAC.C, Charleston, SC.
 - Bluesphere: Earth Art Expo - Information kiosk Fall 2010
 Partnership project with the College of Charleston's Halsey Gallery
 Installation at Marion Square, Charleston, SC.
 - Bluesphere: Earth Art Expo – Mobile Movie Screen for the Fall 2010
 Charleston premier of "Citizen Architect"
 Partnership project with the College of Charleston's Halsey Gallery
 Installation at Cannon Park, Charleston, SC.
 - Restroom Renovation Fall 2009
 Installation at the CAC.C, Charleston, SC.

- Mailbox Spring 2008
Installation at the CAC.C, Charleston, SC.
- Mini Museum Spring 2008
Partnership project with the College of Charleston's Halsey Gallery
Installation at the Addlestone Library, Charleston, SC.
- Librarian's Desk Fall 2007
Installation at the CAC.C, Charleston, SC.

Conferences/Lectures/Presentations

- PLEA 2016 Paper Submission/Conference July 2016
Co-written by: Pastre, D., Albright, D., Blouin, V., Heine, U., Harding, D.
"Sim[PLY]: Achieving Carbon Neutrality Through Innovative Building Assemblies and Processes," Los Angeles, California.
Conference Presentation by: David Pastre.
- PLEA 2015 Paper Submission/Conference September 2015
Co-written by David Pastre, Dan Harding, Dustin Albright and Ulrike Heine
Conference presentation by Luca Rocco
- SBSE Retreat June 2015
Presentation of SimPLY construction method and the A+cB certificate program
- ACSA Fall Paper Submission/Conference Presentation October 2014
Presentation of the A+cB Certificate Program, and Co-Presentation with Dan Harding on grading and evaluating using Vitruvian principles
- Presentation to AIA Charleston monthly meeting August 2014
Presentation of the work of the CAC.C and Studio V
- Public Interest Design: Training Program July 2013
CONFERENCE – SEED Certification
- SC AIA 100th Annual Conference: Architecture + Education April 2013
PRESENTATION – Fluid Campus, CAC.C, Community design+build, and the Architecture+communityBUILD certificate program.
Co-presented with Ray Huff and Dan Harding
- Pecha Kucha 15 – Charleston October 2012
PRESENTATION – past, present and future work and inspirations

- Symposium Bio-logical Architecture: Past, Present and Future – Charleston
PRESENTATION – Pulse Dome project December 2011

Proceedings/Publications/Media

- Architecture + Design (TAD), volume1, issue 1 May 2017
Co-written by: Pastre, D., Albright, D., Blouin, V., Heine, U., Harding, D. "Assembling the Digital House by Hand: Lessons Learned from Deep Engagement and Guiding the Experimental Impulse," UK.
- MARAS 2016 5th International Conference on Mobile, Adaptable and Rapidly Assembled Structures December 2016
Co-written by: Pastre, D., Albright, D., Blouin, V., Heine, U., Harding, D. "Sim[PLY]: Rapid Structural Assemblies Using CNC-Fabricated Plywood Components," Siena, Italy.
- SBE 16 Thessaloniki Sustainable Synergies from Buildings to the Urban Scale October 2016
Co-written by: Pastre, D., Albright, D., Blouin, V., Heine, U., Harding, D. "Sim[PLY]: Sustainable Construction with Prefabricated Plywood Componentry," Thessaloniki, Greece.
- SBE 16 Thessaloniki Sustainable Synergies from Buildings to the Urban Scale October 2016
Co-written by: Pastre, D., Albright, D., Blouin, V., Heine, U., Harding, D. "Indigo Pine: Net Zero Performance in a Unique Package," Thessaloniki, Greece.
- SFC 2016 Sustainable Futures Conference September 2016
Co-written by: Pastre, D., Albright, D., Stoner, M., Blouin, V., Heine, U., Harding, D. "Sim[PLY]: Enabling Sustainable Human-Centered Construction Through Prefabricated Plywood Components," Nairobi, Kenya.
- *Proceedings of the 2016 World Conference on Timber Engineering, WCTE* August 2016
Co-written by: Pastre, D., Albright, D., Stoner, M., Blouin, V., Heine, U., Harding, D. "Sim[PLY]: Innovative Platform Framing with CNC-Fabricated Plywood Componentry," Vienna, Austria.
- PLEA 2016 Paper Submission/Conference July 2016
Co-written by: Pastre, D., Albright, D., Blouin, V., Heine, U., Harding, D. "Sim[PLY]: Achieving Carbon Neutrality Through Innovative Building Assemblies and Processes," Los Angeles, California.
- *EAAE/ARCC International Conference 2016 "A Solar Decathlon House Intentionally Designed to Increase Teaching Opportunities,"* June 2016

- Lisbon, Portugal Pastre, D., Albright, D., Blouin, V., Heine, U.,
Harding, D. *Proceedings of the*, (June 2016). June 2015
- SBSE 2015 Society of Building Educators
Co-written by: Pastre, D., Albright, D., Blouin, V., Heine, U., Harding,
D. "Bringing Hand Craft to Construction and Connecting Campuses
From Across the Region," , Highlands, NC. December 2012
 - Charleston City Paper "DIRT" issue
The Crop Stops Here – By Connelly Hardaway December 2012
 - Charleston City Paper
Clemson Architecture Center's Pulse Dome Project Hits a
Roadblock – by Susan Cohen October 2012
 - Post and Courier
Clemson architecture students to build Pulse Dome – by Adam
Parker October 2012
 - Charleston City Paper
Don ZanFagna Wanted To Grow Houses The Halsey And CAC Are
Trying To Make That Happen – by Susan Cohen May 2012
 - Charleston City Paper
Yamamoto's Halsey Exhibit Ponders Impermanence – by Amy
Mercer May 2012
 - Charleston City Paper
Motoi Yamamoto Grieves With An Elaborate Salt Installation – by
Amy Mercer December 2011
 - Post and Courier
Made In The Shade – by Robert Behre October 2011
 - Post and Courier
Building Future – by Adam Parker October 2010
 - Charleston City Paper
Clemson Builders Bring Bluesphere To Marion Square – by Erica
Jackson

University Service/Committees

- Architecture Graduate Admissions Committee 2018
- CDC.C Steering Committee (Cigar Factory) 2014-2016
- Spaulding Paolozzi Architecture Center Steering Committee 2011-2014

- Clemson University Architecture Centennial Committee 2012-2013
Set-up and coordination of Charleston's centennial celebration
- AIA South Carolina Centennial Committee 2011-2013
"Kids in Architecture" planning and development of on site installations and teaching
- Lee Hall Furniture Committee 2010-2011
Student workstation conceptual design and prototype fabrication

Technical and specialized skills

- Building system working knowledge and practical experience in:
Heavy timber (Timber frame) construction, Traditional log construction, Carpentry/stick-frame construction, Steel fabrication, Steel stud construction, Cast in place concrete construction, Pre-cast concrete construction, CMU (concrete masonry unit) construction, Bamboo construction
- Furniture and cabinet making knowledge and practical experience
- Computer program experience in:
Sketch-up, AutoCAD, Photoshop, Illustrator, Excel, Word, PowerPoint, Outlook and a variety of other misc. programs pertinent to the Architecture/Design/Business profession.