

DANA K. GULLING, ASSISTANT PROFESSOR | CURRICULUM VITAE

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North Carolina State University
College of Design
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registration Connecticut State Registered Architect 2003
Georgia State Registered Architect, *Inactive* 2005
North Carolina State Registered Architect 2013
NCARB Certified

education Yale University: 2003
Master of Architecture

University of Notre Dame, *Cum Laude* 1998
Bachelor of Architecture + Structural Engineering Concentration
University of Notre Dame Rome Studies Program 1995-1996

academic experience North Carolina State University, College of Design, School of Architecture 2012-present
Assistant Professor

University of New Mexico, School of Architecture + Planning 2007-2011
Assistant Professor

Savannah College of Art and Design, School of Building Arts 2004-2007
Professor

University of New Haven, School of Allied Arts 2004
Adjunct Faculty

Yale University, School of Architecture 2001-2003
Teaching Fellow + Graduate Assistant

University of Notre Dame, School of Architecture 1997
Teaching Assistant

professional experience T+G Studio, *Principal* 2006-2011
Albuquerque, New Mexico + Savannah, Georgia

- Architectural Renderings (Hansen Architects, Dawson Wissmach Architects, Smack Dab Studios + EDAW)

Herbert S. Newman and Partners, *Architect* 2003-2004
New Haven, Connecticut Summer 2002

- University of Connecticut, School of Fine Arts
in partnership with Gehry Partners LLP
- University of Connecticut Parking Garage
- Master Plan, Storrs Connecticut
- Yale University, Pierson-Sage Parking Garage Renovation
- Cutler + Woolworth Renovation, Apartment Conversion
- West End 2000, Modular Housing

Robert A.M. Stern, Architects, *Intern* 1998-2001
New York, New York

- Georgetown University, Southwest Quadrangle: Residence + Dining Hall in partnership with Einhorn, Yaffee, Prescott (Washington, D.C. office)
- Georgetown University, Biology + Chemistry Laboratory Building
- Columbia University, Broadway Residence Hall + New York City Public Library

VOA, *Intern* Summer 1997
Chicago, Illinois

- Rose-Hulman Institute of Technology, Center for Research with Industry
- Dominican University, Computer Classroom Renovation

Hoffman Corporation, *Construction Management Intern* Summer 1996
Appleton, Wisconsin

- Mischicot, Wisconsin Public High School
- Mischicot, Wisconsin Public Middle School

Rene Stratton + Associates, *Draftsperson* April-May 1996
Downer's Grove, IL

courses taught

North Carolina State University, *Assistant Professor*

- Advance Architecture Design Studio (ARC 503/ ARC 402)
- 3rd Year Undergraduate Design Studios (ARC 301 + 302)
- Structures and Materials (ARC 232) + Lab (ARC 232A)
- Manufacturing Architecture (ARC 590/ 538)

University of New Mexico, *Assistant Professor*

- Research Seminar: Manufacturing Architecture
- Graduate Technology Design Studio (ARCH 502)
- Graduate Architecture Design Studio III (ARCH 500/ 505)
3rd Design Studio for the first-degree graduate student
- 4th Year Undergraduate Design Studio (ARCH 402 + 404)
- 3rd Year Undergraduate Design Studio (ARCH 302)
- Systems Integration II (ARCH 632)
- Construction I (ARCH 285)
- Environmental Controls (ARCH 487/ 587), *Co-taught with Jim Palmer, ME*

Savannah College of Art and Design, *Professor*

- 4th Year Undergraduate Design Studio Sequence IV, V, VI (ARCH 404, 405, & 406)
- Architecture Structures I (ARCH 252)
- Architecture Structures II (ARCH 352)
- Construction II (ARCH 341)
- Architectural Graphics I (DRAW 112)

University of New Haven, *Adjunct Faculty*

- Basic Design II (AT 211)

Yale University, *Teaching Fellow/ Graduate Assistant*

- Introduction to Urban Design, *Prof. Alan Plattus*
- Introduction to Architecture, *Prof. Alexander Purves*
- Environmental Systems Design, *Patrick Bellew + Thomas Auer*
- Structures II, *Anne Gilbert*

University of Notre Dame, *Teaching Assistant*

- Introduction to Computers for Architects, *Prof. Cara Carrocia*

peer-reviewed research

Book Manuscript

Gulling, Dana K. *Manufacturing Architecture: An Architect's Guide to Custom Processes, Materials, and Applications*. London: Laurence King Publishing, anticipated 2017. In progress.

Conference Proceedings

Gulling, Dana K. and Diane Armpriest, Ed. *Assembling Architecture Proceedings of the 2009 Building Technology Educators' Society Conference, 6-9 August 2009, Albuquerque, NM*. Moscow, ID: The Building Technology Educators' Society, Inc., 2010. Print

Conference Paper + Presentations

Gulling, Dana K. "Using Computer Numeric Controlled Equipment for Customizing Repetitive Manufacturing" *Globalizing Architecture: Flows and Disruptions Proceedings of the 102nd ACSA Annual Meeting, Miami, FL, 10-12 April 2014*. Ed. John Stuart and Mabel Wilson. Washington, DC: ACSA Press, 2014. 359-369. Print.

Gulling, Dana K. "Beyond Buildings [but] Inside Architecture" *Beyond Architecture: New Intersections & Connections Proceedings of the ARCC/ EAAE 2014 Architecture International Conference on Architectural Research, Honolulu, 12-15 February 2014*. Ed. David Rockwood and Marja Sarvimaki. Honolulu: University of Hawai'i at Manoa, 1991. 23-32. Print.

Gulling, Dana K. "Making Visible: Creating An Architects' Guide to Customized Repetitive Manufacturing" *The Visibility of Research Proceedings of the 2013 ARCC Spring Research Conference, Charlotte, NC, 27-30 March 2013*. Ed. Chris Jarrett, Kyoung-Hee Kim, and Nick Senske. Charlotte, NC: University of North Carolina Charlotte, 2013. 42-50. Print.

Gulling, Dana K. "Critiquing CAM: Comparing Computer-Aided Manufacturing and Traditional Manufacturing" *Offsite: Theory and Practice of Architectural Production Proceedings of the ACSA Fall Meeting and Modular Building Institute Regional Industry Meeting, Philadelphia, 27-29 September 2012*. Ed. Ryan E. Smith, John Quale, and Rashida Ng. Washington, DC: ACSA Press, 2013. 10-14. Print.

Gulling, Dana K. "Simple Aesthetics: Searching for a Theoretical Basis For Design Restraint" *Offsite: Theory and Practice of Architectural Production Proceedings of the ACSA Fall Meeting and Modular Building Institute Regional Industry Meeting, Philadelphia, 27-29 September 2012*. Ed. Ryan E. Smith, John Quale, and Rashida Ng. Washington, DC: ACSA Press, 2013. 304-309. Print.

Gulling, Dana K. "Mobile Home Breakdown: A Study of Building Product Design Lineage" *Urban/ Suburban Identity Proceedings of the ACSA NE Regional Conference, Hartford, CT, 8-10 October 2010*. Ed. Dariel Cobb and Michael J. Crosbie. Hartford, CT: University of Hartford, 2010. 212-221. Print

Gulling, Dana K. "Mobile_Manufacturing_Mapping" *Urban/ Suburban Identity Proceedings of the ACSA NE Regional Conference, Hartford, CT, 8-10 October 2010*. Ed. Dariel Cobb and Michael J. Crosbie. Hartford, CT: University of Hartford, 2010. 268-277. Print

Gulling, Dana K. and Diane Armpriest "Teaching Architecture Technology: Shifts in Subject Matter and Pedagogical Practices from 2006-2009" *Rebuilding Proceedings of the 98th ACSA Annual Meeting, New Orleans, LA, 4-7 March 2010*. Ed. Bruce Goodwin and Judith Kinnard. Washington, DC: ACSA Press, 2010. 764-770. Print.

Gulling, Dana K. "Manufacturing Architecture: Case Studies of Collaborations between Designers and Makers" *Made: Design Education & the Art of Making Proceedings of the 26th National Conference on the Beginning Design Student, Charlotte, NC, 18-21 March, 2010*. Ed. Jeffery Balmer and Chris Beokrem. Charlotte, NC: University of North Carolina Charlotte, 2010. 45-52. Print.

Gulling, Dana K. "(Re) Fabricating the Design Studio" *Assembling Architecture Proceedings of the 2009 Building Technology Educators' Society Conference, Albuquerque, NM, 6-9 August 2009*. Ed. Dana K. Gulling and Diane Armpriest. Moscow, ID: The Building Technology Educators' Society, Inc., 2010. 51-62 Print.

Gulling, Dana K. "Plastics and Form" *Assembling Architecture Proceedings of the 2009 Building Technology Educators' Society Conference, Albuquerque, NM, 6-9 August 2009*. Ed. Dana K. Gulling and Diane Armpriest. Moscow, ID: The Building Technology Educators' Society, Inc., 2010. 371-382. Print.

Gulling, Dana K. "Prefabrication and the Comprehensive Studio" *Without a Hitch: New Directions in Prefabricated Architecture Proceedings of the 2008 ACSA NE Regional Conference, Amherst, MA, 25-27 September 2008*. Ed. Peggi Clouston, Ray Kinoshita Mann, and Stephen Schreiber. Amherst, MA: University of Massachusetts Amherst, 2009. 106-113. Print.

Gulling, Dana K. "Designing Inside (Out)" *Building Integration Solutions Proceedings of the 2008 Architectural Engineering Institute Conference, Denver, CO, 24-27 September 2008*. Ed. Mohammed Ettouney. Reston, VA: American Society of Civil Engineers, 2008. 668-680. Print.

Gulling, Dana K. "Architect as Form-maker: A Fundamental Approach to Architectural Structures" *Proceedings of the 2006 Building Technology Educators' Symposium, College Park, MD, 3-5 August 2006*. Ed. Deborah J. Oakley and Ryan E. Smith. Moscow, ID: The Building Technology Educators' Society, Inc., 2008. 225-242. Print

Conference Poster

Gulling, Dana K. "complexity of the everyday: the design lineage of a gel-coated bathtub and shower enclosure" *Globalizing Architecture: Flows and Disruptions Project Proceedings of the 102nd ACSA Annual Meeting, Miami, FL, 10-12 April 2014*. Ed. John Stuart and Mabel Wilson. Washington, DC: ACSA Press, 2014. 89-90. Online Proceedings. < http://acsa-arch.org/docs/default-source/conferences-files/2014-am-project-proceedings_optimized.pdf?sfvrsn=4> Accessed 9 June 2014.

Conference Presentation

Gulling, Dana K. "Architects + Manufacturing: A Catalog of Architects Customizing Repetitive Building Elements" *Offsite: Theory and Practice of Architectural Production Proceedings of the ACSA Fall Meeting and Modular Building Institute Regional Industry Meeting, Philadelphia, 27-29 September 2012*.

Gulling, Dana K. "Traditional Planning Principles of the City of Three Million People" *2008 Making Cities Livable Conference, Santa Fe, NM, 19-22 May 2006*.

Colloquium Participant

Gulling, Dana K. "Creating Architects' Guide[s] to Customized Repetitive Manufacturing" *North Carolina State University's InterCOMM*. Raleigh, NC. 17 April 2013.

Gulling, Dana K. "Value of Design to Research" *Southwest New Mexico Regional Technology Symposium*. Las Cruces, NM. 15 April 2010.

competitive grants

External Grants

Gulling, Dana K., PI. "Creating an Architects' Guide to Custom Concrete Blocks". National Concrete Masonry Association (NCMA) Education and Research Foundation Grants. November 2014. \$21,880. *Unfunded*.

Gulling, Dana K., PI. "Student Performance in the Portable Classroom". Graham Foundation Grants to Individuals. September 2008. \$9,986. *Unfunded*.

Gulling, Dana K., PI "The Influence of Design-Build on Women in Architecture". American Institute of Architecture (AIA) Board Knowledge Grant. April 2008. \$6,941. *Unfunded*.

Internal Grants

Gulling, Dana K., PI. "Manufacturing Architecture: An Architect's Guide to Custom Processes, Materials, and Applications". North Carolina State University (NCSU) College of Design Faculty Research Development (FRPD) Funds. May 2014. \$7,900. *Funded*.

Gulling, Dana K., PI "Understanding Collaborations between Architects and Manufacturers". NCSU ADVANCE Developing Diverse Departments Projects. March 2012. \$1,200. *Unfunded*

Gulling, Dana K., PI. "Investigating North Carolina's Potential for Customized Repetitive Manufacturing of Architecture Components". NCSU College of Design Strategic Research Funds Faculty Development Program. December 2012. \$4,942. *Funded*

Gulling, Dana K., PI. "Support to Attend Columbia University GSAAP Conference *Permanent Change: Plastics in Architecture and Engineering*". University of New Mexico (UNM) School of Architecture and Planning Research and Professional Development Grants Program. February 2011. \$1,472. *Funded*.

Gulling, Dana K., PI. "Support to Attend Building Technology Educators' Society (BTES) 2011 Conference *Convergence + Confluence* at Ryerson University". UNM School of Architecture and Planning Research and Professional Development Grants Program. February 2011. \$1,500. *Funded*.

Gulling, Dana K., PI. "Architects + Manufacturers". UNM School of Architecture and Planning Research and Professional Development Grants Program. October 2010. \$1,434. *Funded*

Gulling, Dana K. and Katya Crawford, CoPI's. "Negotiating the Horizontal Colloquium". UNM School of Architecture and Planning Research and Professional Development Grants Program. October 2010. \$1,500. *Funded*.

Gulling, Dana K., PI "Sponsoring the Building Technology Educators' Society Conference". UNM Teaching Allocations Grant. May 2008. \$4,969. *Unfunded*

non-peer-reviewed research

Website

Gulling, Dana K. *Manufacture Architecture NC*. June 2013. <
<http://design.ncsu.edu/manufacturearchitecturenc/>> Web.

Colloquium Invited

Gulling, Dana K. "Mobile Home Breakdown" *Negotiating the Horizontal, University of New Mexico New Faculty Exhibit and Colloquium*. Albuquerque, NM. 28 April 2011. Speaker and Panelist.

Gulling, Dana K. "Continuing Tradition: Teaching the Fourth Generation" *Three Generations of Classical Architects: The Renewal of Modern Architecture, University of Notre Dame*. South Bend, IN. 6-8 October 2005. Invited Speaker and Panelist.

Gulling, Dana K. *Erasing the Lines Between the Arts, University of New Haven*. New Haven, CT. December 2004. Panelist.

Exhibit

ARC 302 Students "Mail-Order Coops". *Coop d'Tour, Coop #9*. Raleigh, NC. 18 May 2013.

Gulling, Dana K. "complexity in banality" *National Architecture Accrediting Board (NAAB) 2012, Faculty Exhibit*. 13-24 February 2012.

Gulling, Dana K. "Mobile Home Breakdown" *Negotiating the Horizontal, University of New Mexico New Faculty Exhibit and Colloquium*. Albuquerque, NM. 28 March-30 April 2011.

Invited Presenter

Gulling, Dana K. "(Re) Fabricating the Design Process" North Carolina State University. Raleigh, NC. 25 March 2011.

Gulling, Dana K. "(Re) Fabricating the Design Process" Kansas State University. Manhattan, KS. 25 February 2011.

Gulling, Dana K. "(Re) Fabricating the Design Process" University of Illinois, Champaign-Urbana. Champaign-Urbana, IL. 12 April 2011.

Gulling, Dana K. "Forming Building Systems" University of Maryland. College Park, MD. 11 February 2011.

Gulling, Dana K. "Manufacturing Architecture: Case Studies of Collaborations between Designers and Makers" University of Notre Dame, 4th Year Design Studio (ARCH 41112). Albuquerque, NM. 25 March 2010.

Gulling, Dana K. "Integrated Studio, Integrated Coursework" Clemson University. Clemson, NC. 19 February 2007.

Gulling, Dana K. "Integrated Studio, Integrated Coursework" University of New Mexico. Albuquerque, NM. 13 April 2007.

Gulling, Dana K. "Organization of Cultured Space" Tunghai University. Taichung, Taiwan. 19 September 2006.

Gulling, Dana K. "Organization of Cultured Space" Tamkang. Taipei, Taiwan. 21 September 2006.

Paper

Gulling, Dana K. and Diane Arm Priest. "Introduction." *Assembling Architecture Proceedings of the 2009 Building Technology Educators' Society Conference, Albuquerque, NM, 6-9 August 2009*. Ed. Dana K. Gulling and Diane Arm Priest. Moscow, ID: The Building Technology Educators' Society, Inc., 2010. 1-12. Print.

publicity

Teaching

Young, Elizabeth. "New Thinking on What a Block Can Be". *SMART: Dynamics of Masonry*. Vol 1 No 2. September 2013. 46. Print.

"NC State Students Unveil New Energy-Efficient Concrete Block Designs". *NCMA E-News Brief*. 21 March 2013. Web. Accessed 13 June 2014.
<<http://www.multibriefs.com/briefs/ncmaorg/032113.html>>

"Preparing Next Generation of School Architects." *Wake County Public School blog*. 18 February 2013. Web. Accessed 13 June 2014.
<<http://www.wcpss.net/blog/2013/02/preparing-next-generation-of-school-architects/>>

Bos, Monique. "Gulling Builds on Urban Contexts." *The Chronicle* 13 October 2006: 4,11. Print.

Professional Work

Katz-Stone, Adam. "Striking a Balance between Tradition and the Future". *Washington Business Journal*. 15 January 2001. Print

Design Work

"Advance Studio Spring: Porphyrios" *Retrospecta Yale School of Architecture* 2002-2003. 93. Print.

Advanced Studios Fall" *Retrospecta Yale School of Architecture* 2001-2002. 114-115. Print.

Lykoudis, Michael. "From the Academies: University of Notre Dame & University of Miami" *The Classicist No. 6 2000-2001*. 2001. New York: Institute for the Study of Classical Architecture. 70-72. Print.

"Private Buildings: Shipyard Administration Building" *A&C International*. March 2000. 103. Print.

Stamper, John W. "Between Two Centuries: A History of the School, 1898-1998" *100 Years of Architecture at Notre Dame* Ed. Jane Devine. 1999. Notre Dame, IN: Notre Dame University. 19. Print.

"Townhouse" *Building Cities: Towards a Civil Society and Sustainable Environment*. Ed. Crowe, Norman et al. 1999. London: Artmedia Press. 57. Print

“From the Academies: University of Notre Dame” *The Classicist No. 2 1995-1996*.
1995. New York: Institute for the Study of Classical Architecture. 75. Print.

invited juries American Institute of Architects (AIA) New York State Awards
American Institute of Architects (AIA) North Carolina Eastern Regional Awards
University of North Carolina, Charlotte
University of Notre Dame
Kansas State University
University of Colorado, Denver
Clemson University
University of New Mexico
Boston Architectural Center
Paier College of Art
Chung Yuan Christian University (Taiwan)
Tunghai University (Taiwan)

honors + awards 2013, Faculty Advisor 1st place (tied), 3rd place, and honorable mention winners of the Louis Sullivan Student Design Competition
2013, Faculty Advisor, NC AIA Scholarship Undergraduate Award
2013, Faculty Advisor 3rd place winners of the NCMA Unit Design Competition.
2012, Faculty Advisor 1st place winners of the NCMA Unit Design Competition.
2012, Faculty Advisor 3rd place winners of the Louis Sullivan Student Design Competition
2007, Faculty Advisor 1st + 2nd place winners of the Kosanovich Travel Scholarship
2002, P.E.O Scholar’s Award
2001, P.E.O. Continuing Education Grant
1997, Tau Sigma Delta Honors Society

institutional service 2013-2014, *NCSU*
ARC 301 Coordinator, Faculty Search Committee (*ad hoc*), Undergraduate Admissions, Graduate Admissions, Technology Faculty Committee, Undergraduate Faculty Advisor, College of Design Inquiry Task Force, College of Design PhD Faculty

2012-2013, *NCSU*
ARC 301 Coordinator, Organized Junior Faculty Writing Group (*ad hoc*), Undergraduate Admissions, Technology Faculty Committee, Undergraduate Faculty Advisor

2012, *NCSU*
Organized Junior Faculty Writing Group (*ad hoc*), Technology Faculty Committee, Undergraduate Faculty Advisor

2010-2011, *UNM*
Undergraduate Coordinator, Long-range Planning Committee (*ad hoc*), Historic Preservation and Regionalism Certificate Program Faculty Advisor, School of Architecture and Planning Honors and Convocation Committee, Graduate Faculty Advisor, Undergraduate Portfolio Admissions

2009-2010, *UNM*
ACSA Faculty Councilor, 3rd Year Undergraduate Studio Coordinator, Faculty Planning Initiative Committee (*ad hoc*), Historic Preservation and Regionalism Certificate Program Faculty Advisor, School of Architecture and Planning Honors and Convocation Committee, Lecturer III Search Committee, Undergraduate Portfolio Admissions, Co-organizer for Building Technology Educators’ Society (BTES) Conference: *Assembling Architecture*

2008-2009, *UNM*

ACSA Faculty Councilor, 4th Year Undergraduate Studio Coordinator, Historic Preservation and Regionalism Certificate Program Faculty Advisor, School of Architecture and Planning Honors and Convocation Committee

2007-2008, *UNM*

American Institute of Architecture Students (AIAS) Faculty Advisor, Historic Preservation and Regionalism Certificate Program Faculty Advisor, School of Architecture and Planning Honors and Convocation Committee

2006-2007, *SCAD*

Chair: Architecture Department Curriculum and Assessment Committee, College Interdisciplinary Initiatives Council, Coordinated Advance Portfolio Review (APR), Structures Curriculum Coordinator

2005-2006, *SCAD*

Chair-elect: Architecture Department Curriculum and Assessment Committee, College Interdisciplinary Initiatives Council, Structures Curriculum Coordinator

2004-2005, *SCAD*

Architecture Department Curriculum and Assessment Committee, College Undergraduate Curriculum Council, Structures Curriculum Coordinator

professional service

2014, Invited External Evaluator, UNC-C Grant Award Programs

2013, NAAB Visiting Team Member, Judson University

2013, American Institute of Architect (AIA) North Carolina Eastern Region Awards, Juror

2012, Peer-reviewer, ACSA Fall Conference "Off-Site"

2011, Peer-reviewer, BTES Conference "Confluence + Convergence"

2010, d3:dialog, Board of Advisors

2009, Co-organizer of the Building Technology Educators' Society (BTES) Conference: *Assembling Architecture* (with the University of Idaho)

2006-2009, Building Technology Educators' Society (BTES), Organizing Committee + Board of Directors

2008, American Institute of Architect (AIA) New York State Awards, Juror

2008, University of New Mexico Barelás Charrette

2007, University of New Mexico Edge Charrette

2001, Co-editor for *The Classicist No. Six* Academic Portfolio

affiliations

NAAB Visiting Team Member Roster, *since 2011*

Building Technology Educators' Society (BTES), *since 2008*

Institute Classical Architecture & Classical America, *since 1998*

continuing education

2011, The Fourth Columbia conference on Architecture, Engineering and Materials.

Permanent Change: Plastics in Architecture and Engineering

2008, ACSA Teachers Seminar. *Deep Matters: The Path to Meaningful and Provocative Architectural Research*

2005, AISC Educator's Workshop. Chicago, Illinois.

1999, School of the Visual Arts (SVA). Photography 101.