

**JAMES R. ROSE AIA**  
NCARB, CSI, LEED AP

Senior Lecturer  
Non-tenure track, full-time, three year apt.

Design Ethics & Sustainable Construction

**James Rose**, BArch, AIA, NCARB, CSI, LEED AP (Senior Lecturer, UT College of Architecture and Design)- A faculty member since 2004, James is the recipient of numerous awards for his teaching and built work. He is a faculty sponsor and architect of record for the UT Solar Decathlon team and author of the Materials and Resources course in the UT/RedVector Online Certificate in Sustainable Design. James' research and practice focuses on design/build education, sustainability, and regional modernism.

Education	<b>Bachelor of Architecture</b> , University of Tennessee, Knoxville Thesis project: Wovenness: A new school for the Eastern Band Cherokee Tau Sigma Delta Bronze Medal Finalist Faculty Design Award Letter of Excellence First Place, Architecture, Undergraduate Research Fair Summer program Rome, Italy with Louisiana Tech University	1997       1997 1997 1997 1996
Registration / affiliations	<b>State of Tennessee Department of Commerce and Insurance</b> License number: 00102275, License status: active Date of first licensure: 04/30/06, Expiration date: 04/30/2012 <b>National Council of Architecture Registration Boards</b> NCARB certificate number: 61907 <b>Construction Specification Institute</b> Knoxville board of directors, student chapter sponsor <b>American Institute of Architects</b> AIA member number: 30175955 <b>US Green Building Council</b> , Leadership in Energy and Environmental Design LEED AP <b>Occupational Safety and Health administration</b> 30-hour OSHA training, card number: 16-600589619	2006   2006  2007  2008  2009  2010
Academic Experience	<b>University of Tennessee College of Architecture and Design</b> <ul style="list-style-type: none"><li>• 171, 172- enriched existing curriculum with focus on spatial manipulation</li><li>• 271, 272- led fieldtrips to Boston, Chicago, Atlanta, Cincinnati and Washington DC; with emphasis on context and the definition of public space</li><li>• 371- exploration of constraints as design opportunities; materials and structure as form generators</li><li>• 471,472- integration of building systems and materials with emphasis on energy efficiency, LEED certification, and modular construction. In 2007 and 2008 students from this studio placed first in the Middle TN AIA competition. In 2009 one of the national winners of the Gensler African American Scholarship came from this studio as well as the recipient of the college Brewer Ingram Fuller Sustainability Award.</li><li>• 425,525- taught various design/build electives in support of UTZero and the Solar Decathlon</li><li>• 492, 592- led off-campus studio in Helsinki as part of the Finland Summer Institute</li><li>• 516- as co-instructor introduced students to emerging materials for use in energy efficient and energy producing building envelopes.</li><li>• 542- led fieldtrips to Chattanooga and Atlanta; emphasis on clarity of architectural intent</li></ul>	2004- <small>PRESENT</small>

Design / Build Projects	<p><b>Solar Decathlon 2011:</b> architect of record, co-PI, faculty advisor. Lead studios for schematic and construction document phases. Student work during the schematic phase won two 2010 EURECA awards; one overall and one for architecture. Oversaw construction, permitting, and project administration team. Instrumental in securing industry research partners as well as over \$190,000 in donated materials and over \$360,000 in donated labor and services. To date the project has been published over 30 times in print, web, and TV. <a href="http://www.livinglightutk.com">www.livinglightutk.com</a></p>	2010
	<p><b>UTZero Prototype:</b> architect of record, co-principal investigator with E. Stach and Ph.D. cand. F. Filho. Lead student design and construction teams, organized funding and secured campus support. Liason between colleges of architecture, electrical engineering, and mechanical engineering. <a href="http://utzero.utk.edu">http://utzero.utk.edu</a></p>	2008
	<p><b>Park Shelter:</b> project designer, lead on-site volunteer construction team after initial off-site fabrication by B. French's Construction Exploration Course students.</p>	2004
Professional Experience	<p><b>James Rose Architect,</b> Knoxville TN Sole proprietor, small practice embracing both energy efficiency and principles of regional modernism.</p>	2006-PRESENT
	<p><b>Brewer Ingram Fuller Architects,</b> Knoxville, TN Designed, Documented, and Managed over 30 architecture projects ranging from \$300,000 to \$10,000,000. Project types include institutional, commercial, residential, retail, and medical. Developed a language of regional modernism appropriate to East Tennessee and tested in a budget conscious and architecturally conservative environment. Increased firm's awareness of the ethic of material honesty and the importance of client education. Explored new building technologies in glazing, cladding and finishes.</p>	1998-2004
	<p><b>Thompson &amp; Litton Architects, Engineers, Planners.</b> Bristol, VA Design Associate. Resolved design issues for small and large scale projects including government, educational, commercial, and industrial. Experience in Masterplanning and Architectural Design from Schematic Design through Construction. Met with clients, prepared and gave presentations with Director of Design Terrance Williams, FAIA.</p>	1997-1998
	<p><b>Robert C. French Architect,</b> Knoxville, TN, Summer Internship Created plans, models, and renderings for a mixed use development in Kingston, TN.</p>	1995
	<p><b>Architects and Engineers Incorporated,</b> Cookeville, TN, Summer Internships Architectural intern. Produced presentation drawings and construction documents.</p>	1991-1995
	<p><b>Classic Glass Studio,</b> Smithville, TN Fabricated both commissioned and speculative stained glass works using the Tiffany method.</p>	1990-1991
Publications	<p><b><i>Sustainable Design-Build as a Teaching Tool,</i></b> J. Rose, A. Howard, E. Stach, Purdue University, Ray W. Herrick Laboratories, First International High Performance Building Conference, 7-2010</p>	2010
	<p><b><i><a href="http://utzero.utk.edu">http://utzero.utk.edu</a>,</i></b> oversaw and edited student website in support of the UTZero project</p>	2008
	<p><b><i>Sustainable Materials and Resources,</i></b> online course as part of the UT Certificate in Sustainable Design, published by RedVector</p>	2008

Honors / awards	<p><b>Andrew J. Drozda Memorial Academic Affairs Commendation</b> 2011 Construction Specification Institute National Awards Committee</p> <p><b>Letter of Appreciation, ASHRAE Knoxville</b> 2011 American Society of Heating, Refrigeration and Air Conditioning Engineers</p> <p><b>Finalist, 2010 Wise Award, Qatar Foundation for Education, Science, and Community</b> 2010 with E. Stach</p> <p><b>Award of Excellence in Architecture, Honor Citation</b> 2010 AIA East Tennessee, <i>UTZero Prototype</i>, Knoxville TN, with E. Stach</p> <p><b>Award of Excellence in Architecture, Honor Citation</b> 2009 AIA East Tennessee, <i>Longshadow residence</i>, Cookeville TN</p> <p><b>Chancellor's Citation for Excellence in Teaching</b> 2009 University of Tennessee, Knoxville</p> <p><b>Finalist, 2008 Raphael Vinoly Grant.</b> 2008 with E. Stach, R. Gentry, M DeKay, B. Klinkhammer</p> <p><b>Finalist, Chancellor's Citation for Excellence in Teaching</b> 2008 University of Tennessee, Knoxville</p> <p><b>Award for Exceptional Service, Chapter Director and Student Chapter Sponsor</b> 2007-11 Knoxville Chapter of the Construction Specification Institute</p> <p><b>H. Patrick Lawson Faculty Teaching Award</b> 2007 College of Architecture and Design</p> <p><b>Award for Excellence in Architecture, Honorable Mention</b> 1998 Blue Ridge Chapter AIA, <i>Appalachian School of Law</i>, Grundy, VA</p>
Grants / funded research	<p><b>Proposal for Collaboration in the 2011 Solar Decathlon: \$50,000</b> 2011 EPRI- Electric Power Research Institute, with E. Stach, W. Miller</p> <p><b>Research Partnership in support of the 2011 Solar Decathlon: \$265,000</b> 2010 TVA- Tennessee Valley Authority, with E. Stach, W. Miller</p> <p><b>DOE/NREL Solar Decathlon, Team Tennessee: \$100,000</b> 2010 US Department of Energy, National Renewable Energy Laboratory, with E. Stach, D. Shmerler, L. Tolbert, B. Klinkhammer</p> <p><b>NEA Grant number 10-4200-7027: \$5,000 (+ UT matching)</b> 2010 symposium support for <i>Grounded: The Art of Making in Appalachia's Climate. Place, and History</i>, with E. Stach, GA N. Parrish</p> <p><b>ORNL / Building America student travel grant: \$20,000</b> 2009 Oak Ridge National Laboratory, with E. Stach</p> <p><b>UTZero Prototype construction grant: \$55,000</b> 2008 University of Tennessee Science Alliance, with E. Stach,</p> <p><b>UTZero Prototype construction grant: \$45,000</b> 2008 UT Office of Research, with E. Stach</p>
Presentations	<p><b>Invited presenter, Tennessee Higher Education Sustainability Association</b> 2011 (THESA), <i>Integration of Sustainability into the Design Curriculum</i>, Nashville, TN</p> <p><b>Invited presenter, Halfmoon Seminar, Energy-Efficient Building Envelope</b> 2010 Design and Construction, <i>The UTZero Prototype: A Case Study in Emerging Building Technologies</i>, Knoxville TN</p> <p><b>Invited presenter, over twenty appearances in support of the UT Solar</b> 2010-PRESENT <b>Decathlon</b> fundraising and outreach effort including: Knoxville AIA (authorized CEU provider) Knoxville CSI (authorized CEU provider) Knoxville USGBC Knoxville ASHRAE Knoxville Chamber of Commerce Tennessee Governor's School for Engineering Kawneer Corporation, Atlanta AGC Corporation, Kingsport</p>

Exhibits	<b>Plywood table and chair exhibited</b> , Faculty Show, Ewing Gallery, UTK	2007
	<b>Plywood table exhibited</b> , Creative Research Lab, GRID , Austin, Texas	2005
	<b>Foundry drawings exhibited</b> , JFG Coffee House, Knoxville, TN	1996
	<b>Travel Sketchbooks displayed</b> , Gallery Casa Kolbe, Rome, Italy	1996
	<b>UT Knoxville Arts Calendar</b> , cover design	1996
Professional Service	<b>Juror, Awards Panel</b> , American Institute of Architects, Northeast Tennessee chapter	2009
	<b>External Reviewer, National Conference on the Beginning Design Student</b> , Abstracts relating to the <i>Poet/Tech</i> session of the 2011 NCBDS	2010
	<b>Member, Nine Counties One Vision</b> , strategy development for Art and Urban Planning	2000-2002
	<b>Invited critic, Rivr Media Productions</b> , various projects televised on Scripps Networks	2002
	<b>Consultant, Sequoyah Birthplace Museum</b> , Outdoor Amphitheater	2000
	<b>Instructor, Boy Scouts of America Merit Badge University</b> , Tenn. Tech. Univ.	2000
	<b>Committees:</b>	
University Service	• College of Architecture and Design Library Committee	2011
	• University Wide Non-Tenure Track Committee	2011
	• Ad Hoc graduate summer curriculum committee	2009
	• Combined UT Art and Architecture Building Committee	2007
	• UT College of Architecture and Design ad hoc 2010 Imperative Committee	2007
	Proposed curricular changes to implement the 2010 Imperative- a broad based movement calling for schools of design to imbed ecological literacy into their curricula with the goal of drastically reducing the carbon footprint of the construction industry.	
	• UT School of architecture Scholarship Committee	2006-PRESENT
<b>Supervisor, College of Architecture and Design Materials Resource Library</b>	2007- 2011	
Oversaw architectural librarian and student workers in acquisition and organization of construction material samples as a resource for architecture and interior design students. Instrumental in relocating and preparing the Library for accreditation team visit.		
<b>Juror, Undergraduate Research Fair (EURCA)</b> , University of Tennessee, Knoxville,	2007	
Community	<b>Board member, Mabry-Hazen House Museum</b> Board of Directors	2007-2009
	<b>Vice President (past President), Hamilton House Condominiums</b> Homeowners Association (board member since 2003)	2006-PRESENT