

Winifred Elyse Newman, Ph.D
 Florida International University
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Professional Preparation

University of Texas at Austin	BFA, Music Theory/Composition, Candidate	1989
University of Texas at Austin	Bachelor of Architecture	1989
University of Texas at Austin	Bachelor of Science	1990
Harvard University	Master of Architecture	1998
Harvard University	Master of Philosophy	2007
Harvard University	Doctor of Philosophy	2010
Max-Planck Institute for the History of Science, Berlin, Germany	Research Fellow	2008-2009

Appointments

Florida International University	Associate Professor	2011-present
Washington University in St. Louis	Visiting Assistant Professor	2010-2011
Harvard University	Lecturer	2006-2007
Washington University in St. Louis	Visiting Assistant Professor	2005-2006
Harvard University	Teaching Fellow	2003-2006
Washington University in St. Louis	Visiting Assistant Professor	2001-2003
University of Tennessee	Visiting Assistant Professor	2001-2001
Washington University in St. Louis	Lecturer	1999-2000
Harvard University	Teaching Assistant	1996-1998
Hellmuth, Obata & Kassabaum	Senior Designer	1992-2001

Publications

- (1) Drisin, A. and Newman, W.E., eds. *Journal of Architectural Education* Vol. 61-3 Theme Issue: War and Architecture, Vol. 61, Dec 2007
- (2) Newman, W.E., "City that Care Forgot" in *New Orleans: Strategies for a City in Soft Land*, Joan Busquets, Joan and Felipe Correa eds., Cambridge, MA, 2005
- (3) "Architecture, Technology and the Historical Subject," Conference at the Ecole Supérieure, Paris, Paper: "The (Mostly) Mechanical Eye: Physiological Psychology and Perception of Space in the Empiricist Science of Mind" 2007
- (4) "Interdisciplinary Conference on Space," Brown University, Paper: "Collecting the World or Collections of the World: A. Ortelius, the Theatrum Orbis Terrarum and G. Mercator Atlas sive Cosmographica" (invited), 2005
- (5) ACSA Conference: Landscape and Architecture, paper "Understanding Ordinary Perspective" (invited), 2001
- (6) "Traces (Inscriptions) and Movement," [Trans. in German as "Spuren und Bewegung (Inskription)," *Traces and Movement*, 2009
- (7) "Between Movement: The Photographic Work of Aurore Reinicke" [Trans. in German as "Zwischen Bewegung und Bewegung: Die Fotografischen Arbeiten von Aurore

Reinicke, "Reminiscence 2009

(8) Book Review, E. Casey, Representing Place: Landscape Painting and Maps, Minneapolis: University of Minnesota Press, 2002, in CCA Reviews, 2004

(9) "Understanding Ordinary Perspective," Ecumene, Issue: 01, online 2002

(10) Fall 2002 Selected projects, The Master Architect Series, No. 4, Hellmuth, Obata and Kassabaum: Selected and Current Works, Images: New York (1999)

(11) 'Mediatheque,' in Studio Works15, Harvard Graduate School of Design (1998)

(12) 'Museum in Torcello,' in Studio Works14, Harvard Graduate School of Design (1997)

(13) Body, Self and Other," in Paratactics 2, Harvard Graduate School of Design (1997)

Research Grants

Current

Graham Foundation Grant for Research to Individuals, Graham Foundation,
06/01/2011 - 06/01/2012, \$5,000.00, 1.5 months, summer

CARTA Office of Engaged Teaching, Scholarship, and Creative Activities Grant, Florida
International University

01/15/2012-05/05/2012, \$5,000.00, 4.5 months

Pending

Tech Fee Grant, Florida International University, Co-PI

07/2012 - 07/2015, \$120,000.00, 3.3 months

FIU Internal Grant through Division of Research, Collaborative Gaming Environment for
Fostering Innovation in Sustainable Building Design and Engineering, Co-PI

01/17/2012, \$68,000.00

NSF #1229589 MRI: Development of an Integrated Platform for Real-time Energy Data
Management and Immersive Simulated Building Environment Modeling, PI

02/28/2012, \$922,028.00

NSF #1227615 DIP: Collaborative Research: Leveraging Cyber-infrastructure to Transform
Building Science Education, Co-PI

02/03/2012, \$1,205,640.00

NSF #1205529 II-New: A Computational Infrastructure to Enable Knowledge-driven Modeling
for Zero Net-Energy Building Science, Co-PI

02/13/2012, \$745,118.00

FIU-FRSP Seed Grant, Collaborative Gaming Environment for Fostering Innovation in
Sustainable Building Design and Engineering, Co-PI

03/1/2012, \$30,000

DTOS59-12-RA-TIGER4, ID# AWD00000002310 UniversityCity Prosperity Project, Co-PI,
03/19/2012, \$20,000,000

Synergistic Activities

Served on the Editorial Board of the Journal of Architecture Education, 2007-2010

Developed Applied Mapping for Synthetic Data Visualization, course for Architecture Graduate
students At Harvard and Washington University in St. Louis

Partner in Architect of Record (AOR) LLC, St. Louis and Miami, 2003-present

Member, History of Science Society
Member, Society for the History of Technology
Member, Cognitive Neuroscience Society
Member, Society of Architectural Historians

Collaborators and Other Affiliations

Collaborators and Co-Editors

Adam Drisin, Florida International University
Shahin Vassagh, Florida International University
Yimin Zhu, Florida International University
Shu-Ching Chen, Florida International University
Thomas Spiegelhalter, Florida International University
Scott Graham, Florida International University
Nezih Pala, Florida International University
Steven Luis, Florida International University
Cheng-Xian Lin, Florida International University

Graduate Advisors and Postdoctorate Sponsors

Antoine Picon, Harvard University
K. Michael Hays, Harvard University
Peter Galison, Harvard University
Alina Payne, Harvard University
David Mindell, MIT
Lorraine Daston, Max-Planck Institute for the History of Science, Berlin, Germany

Professional Work

Principal, Architect of Record, LLC Partner, DIA and Field Office, LLC (from 2005 to 2010)
Established in St. Louis, Missouri in 2009, Architect of Record concentrates on speculative projects, environmental research and small-scale experimental work. Projects include historic renovations of late 19thc homes, new housing for urban infill, master planning for large-scale hospitals, environmental impact studies for institutional campuses, and prototyping for medical devices. DIA is an affiliate development and land acquisition firm specializing in housing.