

Exhibit R

Curricula Vitae

6. Dr. George E. Thomas, Ph.D., Member, Civic Visions LP

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GEORGE E. THOMAS, PhD.

Professional Practice

George E. Thomas is a cultural and architectural historian practicing with Susan Nigra Snyder in CivicVisions, a consulting practice based in Philadelphia. They use research, analysis, and design to create urban and institutional identity for communities and colleges. Dr. Thomas's research investigates how regional history is expressed in contemporary life. He also teaches at the University of Pennsylvania where his courses in Urban Studies and Historic Preservation seek understanding the interconnection between history and patterns of modern life. In 1995 he was awarded the University's Provost's Award for Distinguished Teaching.

Dr. Thomas has written and lectured widely on nineteenth and early twentieth century American architecture with a particular focus on post- Civil War cultural history including *Cape May: Queen of the Seaside Resort* (Philadelphia: 1975) and *Drawing Toward Building: American Architectural Graphics 1732-1986* (Philadelphia: 1986). His research on post-Civil War American commercial and industrial architecture has broadened our understanding of the origins of modern design in the work of Pennsylvania architects serving industrial clients. In 1991 he was the principal author of *Frank Furness: The Complete Works* (Princeton Architectural Press) which reintroduced that vigorous Victorian to the American profession. His *Building America's First University: An Architectural and Historical Guide to the University of Pennsylvania* (University of Pennsylvania Press, 2000' with David Brownlee) places Philadelphia's university in the context of the industrial culture. His *William L. Price: From Arts and Crafts to Modern Design* (Princeton Architectural Press, 2000) extends this research into the twentieth century forging a link between the better-known modernism of the mid-west and the progressive architecture of the east coast that was rooted in the industrial culture.

Dr. Thomas's work on the region's history has been represented in numerous architectural exhibits beginning in 1973 with the Philadelphia Museum's "The Architecture of Frank Furness" and has continued in multiple books and exhibits including "William L. Price: Arts and Crafts to Modern Design" that traveled to the National Building Museum in 2001 and 2002. His own writing has as its central thesis the culture of innovation that was initiated by William Penn's open society and continued in the great industrial culture of the late 19th and early 20th century that culminated in the invention of ENIAC, the first computer in 1945. In 2000, Mr. Thomas was asked to organize a team to prepare the first comprehensive architectural and cultural guide to eastern Pennsylvania under the aegis of the Society of Architectural Historians Buildings of the United States series. *Buildings of the United States: Philadelphia and Eastern Pennsylvania* examines the role of Philadelphia and Eastern Pennsylvania in shaping the early nation while developing the theoretical frame of the ecological relationship between culture and design. That book was published in 2010.

Mr. Thomas has been active in the field of historic preservation since the early 1970s where he helped develop the role of the research team as an adjunct to architectural and planning professionals. Mr. Thomas was founding partner of the Clio Group, Inc. in 1977 and served as its president until 1988. There he directed a multi-disciplinary team of archaeologists, urban, architectural and landscape historians, materials conservators, and photographers. Working independently, and in conjunction with many of the region's premier architects, this team directed the preservation of many of the landmarks of the mid-Atlantic region including 30th Street Station and the University of Pennsylvania's Fisher Fine Arts Building. In 1978 he was a co-founder of the University of Pennsylvania's graduate program in Historic Preservation and in 2011 reprised that role with his colleague Susan Snyder, offering the introductory courses to Harvard University's Program in Critical Conservation. In 2013 they became

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co-directors of the Critical Conservation post-graduate program.

Dr. Thomas has supervised a Getty Grant for the restoration of the historic core buildings of Haverford College and serves as the historical consultant for the University of Pennsylvania and Haverford and Bryn Mawr College. Other recent college work includes: Bryn Mawr College Historic Resources Survey and Inventory, 2001; University of Pennsylvania, campus survey and inventory, 1989- present; Haverford College Historic Resources Survey and Inventory, 1999.

At CivicVisions, Ms. Snyder and Mr. Thomas's early work in Las Vegas was featured in an exhibit: *"East Fremont Street: Problem or Opportunity?"* and received broad newspaper, television and radio coverage. They have lectured together at the Yale University, University of Nevada and at Syracuse University in an architectural lecture series sponsored by the S.I. Newhouse School of Public Communications. Their work at Haverford College was summarized in an exhibit that they designed: *Place, Paint, and People: Four Eras of Haverford's Campus Identity*, funded by a Getty Foundation College Heritage Grant. Their session on *"Learning from Las Vegas in the Media Age"* was selected as one of the top 25 speakers at the American Institute of Architects' 2005 national convention. In December 2005 they were the keynote speakers for the Community and Economic Development Track of Creating Pennsylvania's Future: A Higher Education and Community Development Summit.

Founding Partner, CivicVisions LP 2002-present

Founding Principal, George E. Thomas Associates, 1992- 2002

Founding Partner, Clio Group, Inc. 1977; President, 1977-1988.

Director of Historic Research, 1977 - 1992 with responsibility for: 30 National Register Historic District Nominations; over 100 individual National Register Nominations.

Historic Sites Surveys for the Pennsylvania Historic and Museum Commission: Center City, West Philadelphia, South Philadelphia, North Philadelphia, 1979 - 81: Atlantic City Historic Sites Survey, with Steven Izenour, for the Office of New Jersey Heritage, 1982: Cape May Point Historic Sites Survey for the Office of New Jersey Heritage, 1987.

Principal-in-Charge: Furness Building Historic Structures Report for the University of Pennsylvania, 1985-1990 with Venturi, Scott Brown Associates.

Principal-in-Charge: University of Pennsylvania Historic Resources Survey, 1989-90

Teaching

Harvard University, Harvard Graduate School of Design, Department of Architecture: Lecturer 2011 - ff.

University of Pennsylvania: Lecturer 1975-1976, 1979-present, Historic Preservation; Urban Studies; Architecture and City and Regional Planning; Teaching Fellow 1967-1969.

Education

Ph.D., University of Pennsylvania, History of Art, 1975, Samuel H. Kress Fellow, 1971-1972.

B.A., Dickinson College, 1966.

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Professional Honors

2014, Adaptive Re-Use and Restoration of the American Chemical Heritage Foundation Storage Facility, Preservation Alliance Award for Adaptive Re-Use

2006, Restoration of the Hotel Fauchère, Milford, Pa PHMC Awards

2003, Lower Merion Conservancy Award for Bryn Mawr Student Village with Buell-Kratzer, Powell.

2002, AIA honor award for adaptive reuse of Bryn Mawr College's Frank Furness-designed Charles Perkins House, for adaptive reuse as the new Admissions Office, with Buell Kratzer, Powell.

2001, Lower Merion Conservancy Award for Charles Perkins House with Buell-Kratzer, Powell.

2001, Preservation Alliance Award, Perelman Quadrangle, with Venturi, Scott Brown and Associates, for the University of Pennsylvania.

1998, Preservation Service Award, Mid-Atlantic Center for the Arts, Cape May, NJ.

1995, Provost's Award for Distinguished Teaching, University of Pennsylvania.

1992, Advisory Council for Historic Preservation, President's Award for Furness Building, University of Pennsylvania, principal-in-charge, with Venturi, Scott-Brown and Associates.

1992, A.I.A. Honorary Mention, Frank Furness: The Complete Works (New York: Princeton Architectural Press, 1991), with Jeffrey A. Cohen, Michael J. Lewis and Robert Venturi, 1991, Pennsylvania Historic and Museum Commission, special award, Furness Building Restoration, principal-in-charge.

1991, Pennsylvania Historic and Museum Commission, special award, Old Economy Village Report, principal-in-charge, 1988-1990.

1988, Pennsylvania Society of Architects, "Service to the Profession" award.

Institutional Development

2003 Grant of \$250,000.00 from Getty College Heritage program for physical analysis of historic core buildings of Haverford College.

2003 Grant of \$250,000.00 from Getty College Heritage program for institutionalizing preservation practices at Bryn Mawr College.

2002 Grant of \$15,000.00 from Pennsylvania Historical and Museum Commission for Milford City Hall, Milford, PA.

2000 Grant of \$20,000.00 from Philadelphia Intervention Fund to assist 19th Street Baptist Church in emergency heater repairs.

2000 Grant of \$100,000.00 from Pennsylvania Historical and Museum Commission for roof restoration of 19th Street Baptist Church.

2000 Grant of \$290,000.00 from William B. Dietrich Foundation for exterior restoration of Frank Furness's Undine Barge Club

1999 Grant of \$60,000.00 from William B. Dietrich Foundation for architectural exhibition, "William L. Price: From Arts and Crafts to Modern Design."

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Publications

Books:

Forthcoming: *The Poetry of the Present: Frank Furness' Architecture in the Age of the Great Machines.*

Bischof, Libby and Susan Danly. *Maine Moderns: Art in Seguinland, 1900-1940*, New Haven, Yale University Press, 2011. With Susan Nigra Snyder, Special Photography & Maps

Buildings of the United States: Philadelphia and Eastern Pennsylvania, With Patricia Likos Ricci, Richard Webster, Bruce Thomas, Lawrence Newman and Robert Janasov. Charlottesville, VA, University of Virginia Press, 2010.

The University of Pennsylvania Campus Guide. New York, Princeton Architectural Press, 2002.

William L. Price: From Arts and Crafts to Modern Architecture. New York: Princeton Architectural Press, 2000.

Building America's First University: an architectural and cultural history and guide to the University of Pennsylvania. With David B. Brownlee. Philadelphia: University of Pennsylvania Press, 2000.

American Architectural Masterpieces of the Twentieth Century. With Michael J. Lewis. Reprint of Lewis Mumford and Oliver Reagan, *American Architecture of the Twentieth Century* (New York: 1927) and Hoak and Church, *Masterpieces of American Architecture*, (New York, 1931). Princeton Architectural Press, 1992.

Frank Furness: The Complete Works. With Michael J. Lewis and Jeffrey A. Cohen. New York: Princeton Architectural Press, February 1991, revised edition, 1996.

The Book of the School - 100 Years. With Ann Strong. Philadelphia: University of Pennsylvania Graduate School of Fine Arts, 1990.

Drawing Towards Building: Philadelphia Architectural Graphics 1732 - 1986. With James F. O'Gorman, Jeffrey A. Cohen, and G. Holmes Perkins. Philadelphia: University of Pennsylvania Press, 1986.

Cape May: Queen of the Seaside Resorts. With Carl E. Doebley. Philadelphia: Art Alliance Press, 1975; revised and enlarged, 1995.

William L. Price: Builder of Men and of Buildings. Ph.D. dissertation, University of Pennsylvania, 1975.

The Architecture of Frank Furness. Principal essay by James F. O'Gorman. Philadelphia: Philadelphia Museum of Art, 1973.

Articles & Chapters

With Susan Nigra Snyder, "From Ruskin to Pleasantville: Color as an Instrument of Social (dis)Agreement," *New Geographies 3: Urbanisms of Color*, Gareth Doherty, ed., Harvard University Graduate School of Design, (2011).

"From a Side Pew: Meditations on the Saints of St. Peter's," Cordelia Frances Biddle, et al., *St. Peter's Church: Faith and Action for 250 Years*, Philadelphia, Temple University Press, 2011.

With Susan Nigra Snyder, "William Price's Traymore Hotel: Modernity in the Mass Resort," *The Journal of Decorative and Propaganda Arts*, 25, The Hotel, (spring 2005), 186-213.

"Building Penn's Brand," *Pennsylvania Gazette*, 101:1 (Sept/Oct. 2002) 28-33.

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"The Happy Employment of Means to Ends: Frank Furness's Library of the University of Pennsylvania and the Industrial Culture of Philadelphia," *Pennsylvania Magazine of History and Biography*, (April 2002).

"From Frontier to Center City: The Evolution of the Neighborhood of the Historical Society of Pennsylvania," *Pennsylvania Magazine of History and Biography*, 124 (January/ April 2000) 7-42.

"Frank Furness and the Poetry of the Present," Introduction to Ted Bosley, University of Pennsylvania Library. London: Phaidon, 1996.

"William Price's Rose Valley," Janet Kardon, ed. *The Ideal Home*, New York: American Craft Museum, 1993.

"Drexel University - An Architectural History of the Main Building, 1891-1991," Booklet published in conjunction with the Drexel University Centennial, 1991.

"A House Built on Sand: The Construction of Atlantic City's Traymore Hotel." *VIA 7*, 1984:8-21. "William L. Price, Architect: Prophet Without Honor" and "Rose Valley Architecture: Where Art Served Life." In *A Poor Sort of Heaven, A Good Sort of Earth: The Rose Valley Arts and Crafts Experiment*. William Ayres, ed. Chadds Ford, Pennsylvania: Brandywine River Museum, 1983: 23-26.

"Social Stratification and Architectural Patronage in Philadelphia, 1840-1920." In *The Divided Metropolis*. Howard Gillette and William Cutler, eds. Westport, Connecticut: Greenwood Press, 1980: 85-124

Philadelphia: Three Centuries of American Art. Darrel Sewell, ed. Philadelphia Museum of Art, 1976.

"The Pennsylvania Academy of the Fine Arts," "Centennial Exhibition Grounds and Buildings," "Peter A. B. Widener Mansion," "Art Club," "Philadelphia and Reading Terminal," "Rose Valley," "Jacob Reed's Sons' Store," "Walnut Lane Bridge," "Benjamin Franklin Parkway," "Philadelphia Savings Fund Society," "Casper Wistar Morris House," "Market Street National Bank," "Triangle Region Development Area," "Alfred Newton Richards Medical Building," "United Fund Headquarters," "Franklin Court," and various biographical notices.

"The Statue in the Garden" and "Art Deco Architecture and Sculpture." *Sculpture of a City: Philadelphia Treasures in Bronze and Stone*. Philadelphia: Fairmount Park Art Association, 1974.

"The Goals of William L. Price." In *A History of Rose Valley*. Peter Ham, ed. Rose Valley: privately published, 1973.

"The Politics of Destruction: When We Destroy the Past, We Also Destroy the Future." *Philadelphia Magazine* LXIV, no. 4 (April, 1973): 100 ff.

Architecture editor, *Evening Bulletin*, 1979-1980

Various reviews, articles, exhibitions, brochures and pamphlets, including "Philadelphia: Panorama of a Civilization" exhibition texts and brochures for 1895-1915 and 1915-1940.

Exhibitions

"Building a Modern Masterpiece: Frank Furness' Factory for Art": Pennsylvania Academy of the Fine Arts, Fall 2012; "Frank Furness: Working on the Railroads," Library Company of Philadelphia, fall 2012 – spring 2013; "Frank Furness's Machine for Learning: The University of Pennsylvania Library," with James F. O'Gorman, fall 2012; "Identity and Individualization: The Commercial Architecture of Frank Furness" Drexel University, fall 2012.; "Learning from Frank Furness: What Louis Sullivan

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learned in Philadelphia," Philadelphia Museum of Art, fall 2012.

With Susan Nigra Snyder, Special Photography & Map of Artists Houses in Phippsburg and Seguinland: "Maine Moderns: Art in Seguinland, 1900-1940," Portland Museum of Art, Portland, Maine, June 4-September 1, 2011.

Curator: "William L. Price: From Arts and Crafts to Modern Design," Arthur Ross Gallery, University of Pennsylvania, May - August, 2000; National Building Museum, Sept. 2001 - March 2002.

Curator and artist, "Cape May: Then and Now," photographs of Cape May in 1997 and the 1970s, Mid-Atlantic Center for the Arts Gallery, spring 1998.

Curator and artist: "When the Buildings Were White," photographs of Cape May, NJ in the 1970s, Genus Loci Gallery, spring 1996.

Curator, "Frank Furness: The Flowering of an American Architecture," Arthur Ross Gallery, University of Pennsylvania, 1991.

"100 For 100, History of the Graduate School of Fine Arts," exhibit concept and selection of objects, University of Pennsylvania, Fall 1990.

Exhibition Co-Organizer, "Drawing Towards Building: Philadelphia Architectural Graphics, 1732-1986." Pennsylvania Academy of the Fine Arts, October 9, 1986 - January 1987.

"Rose Valley," Brandywine Museum, Chadds Ford, Pennsylvania, Winter 1983.

"Philadelphia: Panorama of a Civilization," exhibition cycle, sponsored by the American Institute of Architects and funded by the National Endowment for the Humanities, with Carl Doebley, 1976: "The Eighteenth Century" at Pennsylvania Hospital; "1800-1840" at the Second Bank of the United States; "1840-1870" at Maxwell Mansion, Germantown; "1870-1895" at Drexel University; "1895-1915" at the University Museum; "1915-1940" at Strawbridge and Clothier Store; "1940-1976" at Municipal Services Building.

"A Victorian Masterpiece Rediscovered," co-curator with Hyman Myers, sponsored by the Pennsylvania Academy of the Fine Arts and the American Institute of Architects, 1974.

Curator, "The Restoration of the Pennsylvania Academy of the Fine Arts: A First Look," the Pennsylvania Academy of the Fine Arts, 1973.

"The Architecture of Frank Furness," co-curator with James F. O'Gorman, Hyman Myers, and the Division of Education, Philadelphia Museum of Art, 1973.

Selected Recent Lectures

"It's Not Your Mother's Main Street," International Downtown Association (IDA) National Conference, Milwaukee, with Susan Nigra Snyder, September 2009

"Learning from Las Vegas in the Media Age," Society for the History of Technology (SHOT) National Convention, Las Vegas, with Susan Nigra Snyder, October 2006.

"Frank Furness and the roots of American Modernism," June 2005, Preservation Alliance lecture series.

"Learning from Las Vegas in the Media Age," AIA National Convention, Las Vegas, with Susan Nigra Snyder, May 2005.

"From Our House to the Big House - Architectural Meaning in Philadelphia School Design," Society for

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the City and Regional Planning History, National Conference, St. Louis, Nov. 2003.

"The Madonna Effect: Learning From Las Vegas in the Media Age," Syracuse University Architectural Lecture Series, with Susan Nigra Snyder, April 2003.

"From Our House to the Big House," Lecture on Philadelphia School Buildings, Urban Studies, University of Pennsylvania. February 27, 2003.

"Frank Furness and the Pow of Now," Turner Brooks Seminar, with Susan Nigra Snyder, Yale University, October 2002

"Poles of Modern Design – Architecture as Sculpture or Engineered Grid," Inaugural lecture for Westphal Gallery series, Drexel University, 16 January 2003.

"Learning from the present: the industrial ornament of Frank Furness and the J. G. Cassatt House," Annual Lecture, Library Company of Philadelphia, 15 October 2002. "The Importance of Being Philadelphian: Philadelphia architecture from Furness to Venturi;" College Art Association National Conference, Philadelphia February 2002.

"From Holy Experiment to Wholly Experimental," Buildings of the United States session, Society of Architectural Historians International conference, Toronto, April 2001.

"William L. Price: Prophet Without Honor," National Building Museum lecture series, 1 May 2000. "American Preservation Practice," State Department lectures for representatives from Tatarstan, Russian Republic, 9 February 2001.

"The Religious Institution in the Community," Historic Religious Properties workshop for PHMC, Jim Thorpe, PA, 18 November 2000. "Disparate Ores: The architectural melting pot of the Delaware Valley," "Worldly Goods" Symposium, Philadelphia Art Museum, November 1999.

"A Walk Around the Block: The Historical Society's Neighborhood in 1900," Annual lecture for the Historical Society of Pennsylvania, 17 November 1998. "William L. Price: Modern Architecture in the Mid-Atlantic Region," Tile Heritage Society, Annual meeting, 15 October 1998. "Frank Furness and the Industrial Culture of Philadelphia," Pennsylvania Academy of the Fine Arts, 10 July 1998.

Horace Trumbauer: Builder of Dreams," Beaver College President's Dinner, 21 November 1998.

"Frank Furness: Learning from the present," Connecticut College Architectural Program Lecture series, 18 February 1998 "Society for Commercial Archaeology National Conference: "The Meaning of Names in the Cultural Universe: Cape May, Atlantic City, Wildwood," Wildwood, NJ, 20 September 1997.

"New Wine in Old Bottles: The Building of Penn's Graduate School of Fine Arts," Society of Architectural Historians, National Conference: Baltimore, MD 19 April 1997. Keynote address: Chestnut Hill Historical Society 30th Anniversary Lecture Series, "Deconstructing

Chestnut Hill: the Social and Architectural History of the pre-Houston Village" 23 February 1997.

University of Pennsylvania Art History Colloquium, "Frank Furness's Muse: the Poetry of the Present," 21 February 1997. "William L. Price: Utopian Realist," Arden Single Tax Association dinner, 18 January 1997. "William L. Price: Builder of Men and of Buildings," Rose Valley anniversary lecture series, 20 May