

Curriculum Vitae

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MICHAEL L. BENEDIKT

Hal Box Chair in Urbanism

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email: *mbenedikt@mail.utexas.edu***EDUCATION**

- Master of Environmental Design, (M.E.D.)
Yale University, New Haven, Connecticut, 1975
- Bachelor of Architecture, (B. Arch.)
University of the Witwatersrand,
Johannesburg, South Africa, 1971

TEACHING

- **Professor of Architecture**, *The University of Texas at Austin*, 1989--present
 - Hal Box Chair in Urbanism, 1999--present
 - Roland W. Roessner Professor 1998--1999
 - Harwell Hamilton Harris Regents Professor, 1996--1998
 - Meadows Foundation Centennial Professor, 1991--1995
 - Harwell Hamilton Harris Teaching Fellow, 1986--1995
- Architectural Design Studio, graduate and undergraduate, all levels
- Visual Communications, as above
- Graduate seminars:
 - Perception of Space and Environment;*
 - Architecture and Reality;*
 - Problem Design and Programming;*
 - The Architecture of Depth;*
 - Cyberspace: A New Venue for Architectural Design;*
 - Theory of Economic Value;*

The Art and Science of Architectural Phenomena;
The Spiritual Dimensions of Architecture;
On Beauty

- Thesis Supervision and Independent Project Supervision
- Instructor, Europe Program, Fall 1987, Fall 1999
- **External Examiner**, *University College London*, MSArchitecture Program, 2003-2007
- **Colin Clipson Fellow**, Taubman College of Architecture and Urban Planning, *University of Michigan* (winter semester, 2004). Graduate seminar, doctoral program and research initiatives.
- **J. L. Constant Professor**, School of Architecture, *University of Kansas*, Oct. 30–Nov. 3, 2000. Public lecture, class lecture, and three seminars.
- **Visiting Professor**, Graduate School of Design, *Harvard University*, spring 1991.
 - Advanced Design Studio
 - Thesis and Independent Study Supervision
- **Associate Professor** of Architecture, *The University of Texas at Austin*, 1982-88
- **Assistant Professor** of Architecture, *The University of Texas at Austin*, 1975-81
Acoustics in addition to design, visual communications, and thesis
- **Teaching Assistant** in Design, Senior Level, *Yale College*, New Haven, Connecticut, under Harold Roth, 1974-75
- **Instructor** in Architectural Design, beginning levels, School of Architecture, *The University of the Witwatersrand*, South Africa, 1972-73

TEACHING AWARDS

- *Outstanding Service Award*, School of Architecture, University of Texas at Austin, 2006-7.
- The Association of Collegiate Schools of Architecture (ACSA) *Distinguished Professor Award* (National), 2004

- Outstanding Teacher of the Year, School of Architecture, *University of Texas at Austin*, 2002-3.

Nominated by the School of Architecture for the University-wide *Amoco Foundation Teaching Award*, and *Chancellor's Council Teaching Award*, February 1993, the national *Association of Collegiate Schools of Architecture (ACSA) Distinguished Professor Award*, November 1996, and the *Ward Excellence Award*, March 2001.

PROFESSIONAL EXPERIENCE

- Registered Architect, South Africa, 1975
- *Michael Benedikt and Associates*, 1984-88
702 San Antonio St., Austin, Texas
(self and two employees)
- Individual Practice, 1977-84, 1988--present.
- Consulting Design Architect, *Shiflett Travis Architects*, April 1998–July 1998.

Architectural Projects and Employment, 1968-2010

Renovation, adaptive reuse, and interior design of Chabad House Lubavich synagogue, Austin, Texas. (Consultant to Clayton/Levy/Little Architects)
2007-9

Additions to residence for Orlando and Spring Castillo, Austin, Texas, 2006

Additions to residence for George & Nancy Bogle, Austin Texas 2006. (unbuilt)

Additions to own residence on Strass Drive, Austin; completed May 2003

New home for John and Patty Williams in Destin, Florida, 2000

New Ceramics Studio and Home Remodeling for Janet Kastner and Tom Persons, 1999-2000

Remodeling of Home in Clarkesville for Janet Kastner and Tom Persons, 1994.

Addition and remodeling to house in Westlake Hills for Ken Berlow and Henry Bose, 1984-88

Addition to house on Chiappero Trail, for Dr. and Mrs. Samuelson, 1988

Addition to house on 12th Street, Austin, for Nan Blake-Norvell, 1987

New House in Clarkesville for Janet Kastner and Tom Persons, 1987

Additions and remodeling of house on Shoal Creek Boulevard, Austin, for Richard and Leslie Mackay, 1986

New house on Mt. Bonnell Road, Austin, for Mr. and Mrs. Ronald P. Brooks, 1984-87

Additions and remodeling of house on Lake Austin for Mr. and Mrs. James Holden, 1985

New house on Bridgehill Cove, Austin, for Lynx Development Company, 1982

New artist's studio for Peter Saul, Avenue B, Austin, 1983

New Artist's Studio for Bill Wiman, Perry Lane, Austin, 1979

Studio/office addition for self, West 40th Street, Austin, 1977

New house in Hutto, Texas, for Mr. and Mrs. David Garlick (not built), 1977

-Assistant Architect, *Heritage Development Group, Inc.*, Southbury, Connecticut, 1973-1975 (Condominium and landscape design)

-Assistant Architect, *E. I. Graff Kruger Associates*, Johannesburg, South Africa, 1971-1973 (Programming, design, construction drawing, and supervision responsibilities for two houses, luxury town- and vacation house developments, open office planning and interior design of numerous offices, banks, etc.)

Own practice: - Offices for Ike Janks Cars, Belgravia, Johannesburg, 1972-73

-House for Mr. and Mrs. Tom Burgess, Walkerville, South Africa, 1972-73

-Urban Design Assistant, *Withers and Gerke Town and Regional Planners*, Johannesburg, South Africa, 1971 (Site planning, urban design, drafting).

-Architectural Assistant, *E. I. Graff Kruger Associates*, Johannesburg, South Africa, 1968-69. Student resident.

-Founder and President of *Mental Technology, Inc.*, Austin, Texas, 1989-2000. (Consulting and software development in CAD, decision support, stock investment analysis, 3-D interface and data-visualization design. Clients included *Steelcase, Inc.*, *Alias Research*, *VideoCall*, *i2*, and *AT&T/NCR*)

RESEARCH GRANTS and RESEARCH EXPERIENCE

- Principle Investigator, "Agent-based Modeling of Human Spatial Behavior with Isovists," *National Science Foundation*, \$637,000; with Profs. Ben Kuipers (U. Texas), Jean Wineman, Harold Borkin, Jim Turner and Judy Olson (University of Michigan). (4/30/04) Finalist, but not awarded.

- *Project Quest* grant from *Compaq Computers* and The University of Texas at Austin, awarded August 1998 for workstation/server to live netcast the Center for American Architecture's Friday Forums. (Estimated cash value: \$6000)

- *Scholar in Residence*, Bellagio Study Center, Bellagio, Italy, September 15 – October 14, 1998; award from the *Rockefeller Foundation*, New York, 1997. (Estimated value: \$60,000)

- Awarded "Dean's Leave" from teaching from the School of Architecture, Fall 1998, to pursue research and contribute to the University's "UT INTERACTIVE" event planning for Spring 1999. (Value: \$30,000)

- *Faculty Research Assignment*, The University of Texas at Austin, 1997-8, \$36,500, Awarded November 1996, to complete writing of *Value: Economics, Psychology, Life* (see Books, below)

- *Faculty Research Assignment*, The University of Texas at Austin, Fall 1990, \$23,500. (see Books below)

- Principal Investigator, "ISOVIST Model Development for Office Environments." Research project sponsored by *Steelcase, Inc.*, Grand Rapids, Michigan, \$16,000. 1989-90.

(Enhanced *ISOVIST* computer program, testing on space planning problems.)

- Principal Investigator, Development for professional use of *ISOVIST*, a program for analyzing visual envelopes in buildings and landscapes. Implemented in the UNIX OS, on Sun workstations. Functions with AutoCad. 1988-89. (With D. Fussell and A. Rumsey.)
- Founder/Director of *The Music and Architecture Project*, School of Architecture with the Dept. of Music, Spring 1986--present. (Funded in part by the H. H. Harris Fellowship)
- Research and writing book, "The Architecture of Reality," partially funded by a grant from the University Research Institute, *Faculty Research Assignment*, \$14,000, Spring 1983. (An investigation of what makes buildings "real" to us rather than entertainments.)
- Principal Investigator, "Describing and Perceiving Space in Architectural Environments," *National Science Foundation* Grant, \$93,000, 1980-82. (Development of the theory of isovists to describe and predict perception of spaces of different shape and from different positions, involving extensive computer simulation and empirical human experimentation.)
- Principal investigator of *SOLARCONE*, unfunded, 1980. (Design and simulation of "solarcone" conical sun shading system with DEROB energy-simulation program. With D. Hamill and Professor F. Arumi.)
- Principal investigator of *Influence of Isovists on Perception*, unfunded, 1980. (Experimentation to test influence of isovists on the perception of direction of hidden environmental landmarks. With M. Dylewski and C. Waneck.)
- Principal investigator of *Simulation of Architectural Spaces by Large-scale Projection Stereoscopy*, unfunded, 1979.
- Investigation of mathematical descriptions of spatial forms by probabilistic measures of intervisibility, 1979. With Professor J. H. B. Kemperman, Department of Mathematics, University of Rochester, N.Y.
- Principal Investigator, *SPHERE*, funded by *University Research Institute Special Research Grant*, \$830.00, 1976-77. (Construction of prototype 360° spherical photo- and slide projection system.)

- Principal Investigator, Position and Path Dependence in Isovist Fields, funded by Council for Advanced Transportation Studies (CATS), UT Austin, \$4,000, 1978. (Investigation of mathematical descriptions of space to aid in traffic safety standards.)

PUBLICATIONS

Books:

- *CENTER 15: Divinity Creativity Complexity*, Editor and contributor (Austin, Center for American Architecture and Design, 2010)
- *God, Creativity, and Evolution: The Argument from Design(ers)* (Austin, Center for American Architecture and Design, 2007).
- *God Is the Good We Do: Theology of Theopraxy* (New York, Bottino Books, 2007)
- *CENTER 14: Landscape Urbanism*, Executive Editor, and co-editor, with Dean Almy (Austin, Center for American Architecture and Design, 2007).
- *CENTER 12/13, The Good Building/Pressing Style*, Executive Editor (Austin, Center for American Architecture and Design, 2004). Editor: Kevin Alter.
- *Shelter: The 2000 Raoul Wallenberg Lecture* (Ann Arbor: University of Michigan College of Architecture and Urban Planning,, 2001)
- *CENTER 11, Value 2*, Editor and contributor, (Austin, Center for American Architecture and Design, 1999).
- *CENTER 10: Value*, Editor and contributor, (Austin, Center for American Architecture and Design, 1997). Nominated for the Robert Hamilton Award for the best book by a University of Texas professor.
- *CENTER 9: Regarding the Proper*, Executive Editor (Austin, Center for American Architecture and Design/The University of Texas Press, 1995). Editors: Kevin Alter and Elibeth Danze
- *Cyberspace: First Steps*, Editor and contributor (Cambridge, MIT Press, 1991). 8 printings. First reviewed by Peter Lewis in the New York Times, 12/15/91 p. F 8.;

- *Cyberspace: Primi Passi nella Realtà Virtuale*, transl. Constanza Lunardi and Giancalo Mauri (Franco Muzzio, Padova 1993) (Italian edition of *Cyberspace: First Steps*)
- *Cyberspace: First Steps*, Japanese language edition (Tokyo, NTT Pub., 1994)
- *Cyberspace: First Steps*, read by Grover Gardner and Cynthia Splatt. (Mendocino, CA., Audio Scholar Inc., 1995)
- *Deconstructing the Kimbell: An Essay on Meaning and Architecture* (New York, Lumen Books, 1991) First reviewed by Richard Ingersoll in *Design Book Review*, Summer 1991, p. 7.
- *Collected Abstracts of the First Conference on Cyberspace*, ed., (University of Texas, School of Architecture, 1990).
- *For an Architecture of Reality* (New York, Lumen Books, Inc., 1987); 9 printings; reviewed by Roger Kimball, *Architectural Record*, May 1989. Translated into Korean, 2002 illegally, then in 2008 legally.
- *CENTER 4: Buildings and Reality: Architecture in the Age of Information*, Editor and contributor (Center for American Architecture and Design, 1988).

Booklets:

- *The New Psychology Department Building*, Editor, (School of Architecture, University of Texas at Austin, 1996), with students in advanced design studio; 47 pp. illus.

Working Papers, Books, and Articles in progress or in press:

“Another Word on ‘God and the Twenty-First Century’” *Tikkun Magazine* (scheduled for publication in 2010, delayed by editor, Michael Lerner, in press 2011).

“Better is Better Than More: Complexity, Economic Progress, and Qualitative Growth” Center for Sustainable Development Working Paper, University of Texas at Austin (2010-11); with Michael Oden; 80pp + references + figures.

“Better is Better Than More: Complexity, Economic Progress, and Qualitative Growth: Executive Summary” Center for Sustainable Development Working Paper, University of Texas at Austin (2010-11); 3pp.

Unpublished Manuscripts

A General Theory of Value (1992-2003), 723pp.

The Dimension of Depth (1986-1990), 343pp.

Journal Articles and Chapters in Books:

“Love and Beauty,” *2A: Architecture and Art Magazine*, 2011

“Shiva, Luria, Kahn,” in Renata Hejduk and Jim Williamson, eds., *The Religious Imagination in Modern and Contemporary Architecture: A Reader* (New York, Routledge, 2011) .

“God as Moral Praxis,” in Richard Curtis, ed., *Reason and Religion* (New York, Roman Littlefield, 2010)

“The Argument From Design(ers)” and
“Introduction,” in Michael Benedikt, ed. *CENTER 15: Divinity Creativity Complexity*, (Austin, Center for American Architecture and Design, 2010)

“The First Rule of the Architect,” in Graham Owen, ed., *Architecture, Ethics, and Globalisation* (New York, Routledge, 2009)

“On the Role of Architectural Criticism Today,” *Journal of Architectural Education*. 62: 3, 2009, p 6. 7.

“Preface,” *Along the Way: MGA Partners, Architects 2000-2008* (Philadelphia, MGA Partners, 2008).

“Cityspace, Cyberspace, and the Spatiology of Information,” *Journal of Virtual Worlds Research*, Vol 1, No. 1 (<http://www.jvwresearch.org/>, 2008) 22p.

“Cyberspace: First Steps,” in David Bell and Barbara Kennedy, Eds., *Cybercultures Reader* (New York, Routledge, 2007 [2000]), pp. 29-44.

"Coming to Our Senses: Architecture and the Non-Visual," *Harvard Design Magazine*, Spring/Summer 2007, Number 26.

"Introduction," in William Saunders, Ed., *Judging Architectural Value: A Harvard Design Magazine Reader* (University of Minnesota Press, 2006).

"The Ghost of Gresham: Economics, Architecture, and the Progressive Loss of Designed Value," in Blair Gardiner, Anthony Mussen, and Paolo Tombesi, Eds., *TAKE 5 – Looking Ahead: Designing the Terms of a Sustainable Architectural Profession*, published by *Architecture Australia* (organ of the Royal Australian Institute of Architects), 2006.

"Eighteen Proposals For Revaluing Architecture," in Blair Gardiner, Anthony Mussen, and Paolo Tombesi, Eds., *TAKE 5 – Looking Ahead: Designing the Terms of a Sustainable Architectural Profession*, published by *Architecture Australia* (organ of the Royal Australian Institute of Architects), 2006.

"Less for Less Yet: Architecture's Value(s) in the Marketplace" in Saunders, W., ed. *Commodification and Spectacle in Architecture: A Harvard Design Magazine Reader* (University of Minnesota Press, 2005).

"Carlos Jimenez' Crowley House in Marfa," *Architectural Record*, April 2004

"Thinking Toward Architecture," *MOSAIC*, Volume 35/4, 2002, pp. 240-255.

"Towards a General Theory of Value: An Interview with Michael Benedikt," *GAIN*, the online journal of the American Institute of Graphic Arts, <http://gain.aiga.org/content.cfm?alias=michaelbenedikt>, September, 2002. This "interview" was a written piece, responding to written questions from the editor.

"A Note on Value," *arcCA* (Architecture California), 2002, Vol. 1, p. 39.

"Verkligheten/Upplevelseekonomin," *Arkitektur*, 4, May/June 2002. *Arkitektur* is the premier architecture journal of Sweden. This article is a revised version of the 11/2002 article for *Architectural Record*, translated into Swedish.

"Reality and Authenticity in the Experience Economy", *Architectural Record*, November 2001, pp. 84-89.

"A Note on Value," *arcCA* (*Architecture California: the Journal of the American Institute of Architects California Council*), 2002, Vol. 1, p. 39.

"Environmental Stoicism and Place Machismo: A Polemic," *Harvard Design Magazine* 16, Winter/Spring 2002, pp. 21-27. Also featured in *Arts & Letters Daily* (www.aldaily.com).

"Building on Values/Costruire sui valori", introductory essay to *Overland Partners: Building on Values*, (Milan, L'Arca Edizione, 2002).

"Untitled (Five Themes)," in Jeffrey Kopie, ed., *Art and Architecture* (Marfa, Texas: The Chinati Foundation, 2000), pp. 109-125.

"Life is the Theme," catalog essay in *From the Beginning...: Mitchell/Guirgola Architects/MGA Partners Architects, 1958-2000*, (Philadelphia: MGA Partners, 2000). Note: this essay is not the same as the lecture of the same title, delivered September 21, 2000, at the University of Pennsylvania.

"Cyberspace: First Steps," in David Bell and Barbara M. Kennedy, *The Cybercultures Reader* (London, Routledge, 2000) pp. 29-43. Edited reprint of "Introduction" from *Cyberspace: First Steps* (1991), see below.

"Class Notes," *Harvard Design Magazine*, Summer 2000, pp. 4-9.

"No Place Like e-topia," *Architecture*, December 1999, p. 45-46. (Book review of *e-topia* by William J. Mitchell).

"Introduction," in M. Benedikt, ed., *Center 11, Value 2* (Austin: Center for American Architecture and Design, 1999), pp. 4-5

"Gresham's Law and the Logic of Efficacy" in M. Benedikt, Ed., *Center 11, Value 2* (Austin, Center for American Architecture and Design 1999), pp. 43-57

"Less for Less Yet: Architecture's Value(s) in the Marketplace," *Harvard Design Magazine*, Winter/Spring 1999, pp. 10-14. Reprinted with permission in *Designer/Builder* October 1999, pp. 21- 26, and featured in *Arts and Letters Daily* through August 1999 (www.aldaily.com)

"Paths, People, and Purposes, by Philip Thiel," Book Review in *ARCADE: The Journal for Architecture/Design in the Northwest*, Volume XV, No. 4, Summer 1997, p.14.

"Introduction" in Michael Benedikt, Ed., *Center 10: Value* (Austin, Center for American Architecture and Design/The University of Texas Press, 1997), pp. 4-5

"Psychological Economics: An Outline," in Michael Benedikt, ed., *Center 10: Value* (Austin, Center for American Architecture and Design/The University of Texas Press, 1997), pp. 43-52

"Space, in Historical Perspective," *SD: Space Design Monthly Journal of Art and Architecture* (Tokyo), Vol 9704, April 1997, pp. 40-41 (In Japanese).

"Complexity, Value, and the Psychological Postulates of Economics," *Critical Review*, Vol 10. No. 3, Fall 1996, pp. 551-594. (This article was noted and favorably reviewed in the *Times Literary Supplement*, Nov. 14, 1997 and the *Wilson Quarterly*, Autumn 1997.)

"Gresham in the Classroom (Computers on Campus)" *CITE Magazine*, Vol. 35, Fall 1996.

"Information in Space is the Space in Information," in Anders Michelson and Frederik Stjernfeld, Eds., *Billeder fra det Fjerne/Images from Afar*, (Oslo, Akademisk Forlag, 1996) pp. 161--172.

"Stanley Saitowitz's Transvaal House" in George Wagner, Ed., *Stanley Saitowitz: The House in the Transvaal*, (Princeton Architectural Press, 1996), pp. 7--13

"The Work of Rob Quigley," essay in *Robert Wellington Quigley* (New York, Rizzoli Books, 1996).

"On Reading 'Humane Creativity: The Essential Response,' a paper-in-draft by Mihaly Csikszentmihalyi, William Damon, and Howard Gardner," in *Humane Creativity* (Chicago, The John D. and Catherine T. MacArthur Foundation, 1996)

"Email Enquete," *Kenchiku Bunka* Vol. 50. No. 586, August 1995, pp. 80-82. Translated into Japanese.

"As you can see...," contribution to ANYPRI conference on the Whole Earth 'Lectronic Link (the WELL) October 7--31, 1994; published in *Architecture New York* (ANY) No. 10, February 1995, p. 12 ff.

"Psychoeconomics/Value/Money/Architecture/..." *platFORM Architecture News* (SOA, University of Texas at Austin), Fall 1994.

"Physics for Phantoms," Key essay, *Softworlds Inc.*, (Columbus, Wexner Center for the Arts, 1994)

"Cityspace, Cyberspace, and the Spatiology of Information," in Christine Boyer and Mario Gandelsonas, Eds., *The New Urbanism* (Princeton University Press, 1995) In Press.

"Creativity in Architecture," in L. Gustafsson, S. Howard and L. Niklasson, Eds., *The Creative Process* (Stockholm, Swedish Ministry of Education and Science, 1993) pp. 203--210

"Preface," to the Japanese language edition of *Cyberspace: First Steps*, (Tokyo, NTT Publishing Co., 1994)

"On Adding to the Salk," Invited essay, *Progressive Architecture*, October 1993. pp. 52-53 (P/A title: "From Beakers to Beatitudes." !?)

"Unreal Estates," Invited essay, *ANY: Architecture New York*, November 1993, pp. 56-57.

"Lost and Found in Cyberspace," *platFORM Architecture News* (SOA, University of Texas at Austin), Fall 1993, p. 6.

"Architecture's Public," Invited essay, *Progressive Architecture*, April 1993, p. 104--106.

"Stretto and Style" Invited article, *Progressive Architecture*, November 1992, p. 63

"Between Digital Seduction and Salvation," *The Pratt Journal of Architecture: On Making*; Vol 3, Spring 1992

"Prolegomena to a Study of Depth," *Aris* (Pittsburgh: Carnegie Mellon School of Architecture, 1992)

"Architecture After Buildings," in C. Harker, ed., *Ethics and Creativity* (Kent State University, School of Architecture and Environmental Design, 1992)

"Looking forward--and back--to Cyberspace," *Information Technology Review*, Harvard University Press, Fall 1991, Vol X, No.1. pp. 4--10

"Cyber Agonistes Antiphon," in *Newsline*, Columbia School of Architecture, December 1991.

"Introduction," in Michael Benedikt, ed., *Cyberspace: First Steps* (Cambridge, MIT Press, 1991) pp. 1-25.

"Cyberspace: Some Proposals," in Michael Benedikt, ed., *Cyberspace: First Steps* (Cambridge, MIT Press, 1991), pp. 119-224.

"Preface," to *Collected Abstracts of the First Conference in Cyberspace*, (University of Texas, School of Architecture, 1990).

"Real Architecture: A New Direction," in *CENTER*, Center for the Study of American Architecture, The University of Texas at Austin, Vol. 4, 1988.

"Preface," Introductions to Sections, edited numerous student-originated pieces, as Editor of *CENTER*, 1987:

"Architecture and the Experience of Reality," *Knowledge and Society*, ed. E. Long (Connecticut: JAI Press Inc., 1986), pp. 233-250.

"Perceiving Architectural Space" (with Clarke A. Burnham), *Discovery*, Summer 1984, pp. 28-31.

"Perceiving Architectural Space: From Optic Arrays to Isovists." *Persistence and Change*, eds. W. H. Warren and R. E. Shaw (Hillsdale, N.J.: Lawrence Erlbaum, 1984), Chapter 6. With Clarke A. Burnham.

"Houston Townhouse," *Texas Architect*, May/June 1983, pp. 40-42.

"On Human Scale," *Texas Architect*, May/June 1982, pp. 58-61.

"The San Antonio Museum of Art: The Lone Star Brewery's Canny Conversion," *Texas Architect*, July/August 1981, pp. 32-35.

"House as Home," *The Austin Citizen*, March 14, 1981.

"Craftsmanship: Human Presence in the Quality of Buildings," *Texas Architect*, September/October, 1980, pp. 26-37.

"Towards a Postmodern Realism." UT Austin School of Architecture Working Paper Series, 1980. 10 pp.

"Mapping the World in a Mirror." UT Austin School of Architecture Working Paper Series, 1980. 27 pp., illustrated.

"On Mapping the World in a Mirror," *Environment and Planning B*, Vol. 7, 1980, pp. 367-378.

"To Take Hold of Space: Isovists and Isovist Fields," *Environment and Planning B*, Vol. 6, 1979, pp. 47-65.

"Computational Models of Space: Isovists and Isovist Fields." *Computer Graphics and Image Processing*, No. 11, 1979, pp. 49-72. With Larry S. Davis.

"An Introduction to Isovists." UT Austin School of Architecture Working Paper Series, 1979. 17 pp., illustrated.

"On Theories of Space and the Growth of Architectural Knowledge." U.T. Austin School of Architecture Working Paper Series, 1977, 65 pp., illustrated.

"Field-dependence and Path-dependence in Isovist Fields." Report to the Council for Advanced Transportation Studies, The University of Texas at Austin, 1977. 6pp., illustrated.

"Compatibility Matrices," *DMG/DRS Journal*, Vol. 2, 1973, p. 2.

PAPERS, LECTURES, and COLLOQUIA

"The Art and Science of (Some) Architectural Phenomena," lecture to the College of Architecture at *Georgia Institute of Technology*, Atlanta, Georgia, February 9, 2011.

"Trajectories: the future of the School of Architecture," public lecture delivered at the *Traces and Trajectories* celebration of the centenary of the UT Austin School of Architecture; Hogg Auditorium, November 6, 2010 (see <http://soa.utexas.edu/centennial/videos>).

“Love and Beauty,” paper delivered at the second annual meeting of the *Architecture Culture Spirituality (ACS) Forum*, The Abbey at St. John’s University, Collegeville, Minnesota, June 18, 2010.

“Complexity, Simplicity, and Economic Evolution: The View from Architecture,” school-wide lecture to *The University of Utah College of Architecture and Planning*, November 16, 2009

“God as the good we do,” lecture to the *Interreligious Council of San Antonio*, October 12, 2009

“From ‘God’ to God,” invited lecture/paper delivered at the first annual meeting of the *Architecture Culture Spirituality (ACS) Forum*, Mt. Angel Abbey Retreat, St. Benedict (Salem), Oregon, March 24 2009.

“Architecture for Human Needs,” invited lecture to *Overland Partners Architects*, San Antonio, December 19, 2008.

“What If God Is the Good We Do?” invited platform address to the *Humanist Ethical Society of Philadelphia*, Rittenhouse Square, Philadelphia, October 5, 2008.

“Ethical Life as the Reality of Divinity” Presentation and discussion at the Humanities Institute Faculty Seminar, October 12, 2008.

“Is ‘Ethics Without God’ Without God?” invited address to the *Ethical Culture Society of Westchester*, White Plains, New York, September 28, 2008.

“A Conversation On Ethical Religion,” invited address to a convocation of the New York area Ethical Societies sponsored by the *New York Ethical Society* and *The American Ethical Union* at the AEU Building, Manhattan, September 27, 2008 (1–4.00 pm). Also colloquium with responding panelists EC Leader Curt Collier, EC Leader Dr. Joseph Chuman, and Rabbi Peter Schweitzer.

“Acting Morally,” 30-minute interview on *The Spirit of Things*, host Rachel Kohn, ABC Radio National, August 31, 2008. Show and transcript available online at <http://www.abc.net.au/rn/spiritofthings/stories/2008/2346971.htm>

“Recent Research in Spatial Analysis,” invited lecture to PROPAR (the Post-Graduate Program in Architecture, UFRGS), PROPUR (the Post-Graduate Program in Urban and Regional Planning UFRGS), and PGDesign (the Post-Graduate Program in Design, UFRGS) of the *Federal University of Rio Grande do Sul*, Porto Alegre, Brazil, August 11, 2008.

“Value in Social Housing,” keynote address to the two-day “Workshop with Michael Benedikt” held by the School of Civil Engineering, Architecture and Urban Design at the *State University of Campinas (UNICAMP)*, Campinas, Sao Paulo, Brazil; August 7-8, 2008

“Architecture and It’s Experience,” invited lecture to the Department of Architecture, *State University of Campinas – UNICAMP*, Campinas, Sao Paulo, Brazil; August 7, 2008

“A New View of God,” invited address to the annual national meeting of the *American Ethical Union* (www.aeu.org), Wyndam Garden Hotel, Austin, April 19, 2008

“God Is the Good We Do,” interview/video documentary produced by KLRU and Tom Spencer, available online at <http://www.youtube.com/watch?v=4AyCMrHjnHo>, February 15, 2008.

“Directions” Talk and Panel Member, College of Architecture and Planning University of Michigan, Faculty Symposium celebrating their 100th year; November 3-4, 2006.

“Authenticity For Sale: the future of architecture in the experience economy,” invited lecture to the College of Architecture and Environmental Design, *Texas A&M University*, April 1, 2005

“The Architecture of South Africa,” invited lecture to the Jewish Community Association of Austin, January 26, 2005

“Experiencing Architecture,” talk and panel, *Welcome to the Experience Economy/ThinkAbout’* Los Angeles, CA, September 29, 2004; staged by Strategic Horizons LLP, Ohio.

“Architecture and the Experience Economy,” lecture to the *CENTER* Friday Forum, University of Texas at Austin, September 10, 2004

“The Nature of Architectural Knowledge,” address to the *AIA Knowledge Summit*, Austin, Texas April 2004.

"'Pancho' Geudes and the Love of Life," paper delivered at the festshrift symposium for the Portuguese architect Amancio D'Alpoim Guedes, School of Architecture, *The University of the Witwatersrand*, Johannesburg South Africa, December 12, 2003. On the occasion of his receiving an honorary doctorate.

"Ethical Creativity and the Idea of God," paper delivered at the *Symposium on Divinity, Creativity, and Complexity*, Center for American Architecture and Design, Austin, Texas, November 14, 2003;

"The Art and Science of Architectural Phenomena," Taubman College of Architecture and Urban Planning, *University of Michigan*, November 24, 2003.

"Design and Evolution: the view from architecture," Center Friday Forum lecture, *University of Texas at Austin*, September 13, 2002.

"Questions..." five-hour master-class/seminar on the work of Frank O. Gehry, with Frank Gehry and William Saunders, at the office of Perkins and Will, *Santa Monica, CA*; June 7, 2002. Organized by *Harvard Design Magazine*.

"The Problem with Complexity," lecture to the School of Architecture, *University of the Witwatersrand, Johannesburg, South Africa*, May 23, 2002.

"Ensuring Architecture's Future Value", address to the 2002 AIA Wisconsin Convention, May 2, 2002, Madison, WI.

Panel member, "Living with the Genie: Governing the Scientific and Technological Transformation of Society in the 21st Century," a two-day symposium sponsored by the Center for Science Policy and Outcomes, *Columbia University*, New York. (Other panelists included Bill Joy, Alan Lightman, Richard Rhodes, Gordon Conway, Ray Kurzweill, George Rupp, and John Podesta.)

"The Complexity of Value and the Value of Complexity," address to the *American Institute of Architects California Council* biennial meeting in *Monterey, California*, April 8, 2001.

"The Omega Files: Complexity, Organization, Evolution, and Preference," invited lecture to the *Forum for Artificial Intelligence* of the Department of Computer Sciences and the Texas Institute for Computational and Applied Mathematics (TICAM), *University of Texas at Austin*, December 1, 2000.

"Architecture and the Love of Life," the J. L. Constant lecture at the School of Architecture, *The University of Kansas*, Lawrence, Kansas, November 3, 2000

"The 5 Laws of Proximity," lecture-seminar at the School of Architecture, *The University of Kansas*, Lawrence, Kansas, November 2, 2000.

"Life is the Theme: Remix," Center Friday Forum, Center for American Architecture and Design, *University of Texas at Austin*, October 6, 2000.

"Life is the Theme," invited lecture to The Graduate School of Fine Arts, *University of Pennsylvania*, Philadelphia, September 21, 2000.

"An Evolutionary Theory of Value and a New Perspective on Human Needs," invited presentation at the third meeting of the Positive Psychology Group on the theme "What can the social sciences do to help provide alternatives to excessive dependence on materialism?" at the Quality of Life Research Center, Peter F. Drucker School of Management, *Claremont Graduate University*, April 28–29, 2000; talk and two-day seminar.

"The First Rule of the Architect is...?" Keynote Address to the Fourth Harrison Symposium on Professionalism, Architecture, Ethics, and Globalization, *Tulane University*, New Orleans, March 31, and seminar April 1, 2000.

"Shelter," the Raoul S. Wallenberg Lecture, *University of Michigan*, College of Architecture and Planning,, February 18, 2000. Seminar: February 19, 2000

"To More Life: the Evolution of Value in Organized Complexity,"
 "To Better Architecture: How Computers Might Take Us Beyond Modernism," and
 "From Now, On: Reconfiguring the Architectural Project,"
 three lectures to the Dept. of Architecture, and the Dept. of Communications and
 Art
 History, *McGill University*, Montreal, Quebec, February 7 and 8, 2000.

"Elements of a Brave New World," Center Friday Forum, Center for American Architecture and Design, *University of Texas at Austin*, September 24, 1999.

"Design Beginnings" invited keynote address to the 16th National Conference on the Beginning Design Student, *Las Vegas, Nevada*, September 18, 1999

"The Tower," address to public at the "Open Tower" UT@116 symposium, organized to mark the occasion of the re-opening of the *University of Texas* Main Building Tower and UT's 116th birthday, September 15, 1999.

"Art and Architecture in the New Millennium," invited Honors Day address to prospective students at *the University of Texas* at Austin, July 23, 1999.

"Space, Information, and the Digital City," invited lecture, Growth Forum on "Metropolitan America in the 21st Century", *Community and Regional Planning*, The University of Texas at Austin, Thursday September 2, 1999.

"On the Worthlessness of Architects," invited lecture at *Texas A&M School of Architecture*
April 21, 1999 .

"The Triumph of the Screen," opening remarks at the "Modern Visions" symposium, sponsored by the Center for American Architecture and Design at the *University of Texas at Austin*, April 8, 1999

"On the Nature of Value in Bio-Cosmic Perspective," seminar at the *Rockefeller Foundation Study Center* in Bellagio, Italy, October 8, 1998

"Ritual, Space, and Design," Fireside Chat for the Architecture and Planning Students Council, The University of Texas at Austin, at the *Charles Moore Foundation*, February 1, 1999.

"Physical, Social Space, and Privilege in the Information Future", invited lecture at the Transarchitectures: Visions of Digital Communities Conference, sponsored by and held at *The Getty Research Institute*, Los Angeles June 5, 6, 1998

"Untitled (Five Themes)," invited talk at the *Art and Architecture Symposium* sponsored by the Chinati Foundation of Marfa, Texas, April 25-26, 1998. (Other speakers included James Ackerman, Frank Gehry, Jacques Herzog and Pierre de Mueron, Roni Horn, Robert Irwin, Claes Oldenburg and Coosje van Bruggen.) See articles.

"The Good Building," paper presented at the *Good Buildings/Good Cities* symposium, organized by the Center for American Architecture and Design and the Urban Issues Program of The University of Texas at Austin and sponsored by the *LBJ Presidential Library*, April 2, 1998.

"The Value of my M.E.D," invited talk and panel participation, *Yale University School of Architecture*, February 14, 1998.

"What Happened to the Space in Cyberspace?" invited talk to the *Telecommunications Policy Institute* of the University of Texas at Austin, February 10, 1998.

"Telecities, Gresham's Law, and the Place of Place," Invited lecture to *Southern Methodist University "Virtual City" Conference*. November, 1997.

"Organizing Complexity: The Way to Value," invited keynote address to *Planet '97: The Supply Chain Summit*, Executive Program and Annual Conference, sponsored by *i2*, Arizona Biltmore, Phoenix, October 5-8, 1997.

"Computers in Architectural Education," invited address and seminar to the faculty of the School of Architecture, *The University of Colorado*, Boulder, August 19, 1997.

"Real Architecture: a Call," invited lecture to the *Dallas Institute of Humanities and Culture*, symposium on Humane Architecture, Dallas Texas, April 12, 1997.

"Architecture , Real and Imagined," address to the national *Association of Collegiate Schools of Architecture (ACSA)* 85th Annual Meeting in Dallas, Texas, March 15, 1997.

"Gresham's Law, the Internet, and the Future of the Place of Learning," invited lecture , Administration, Finance, and Support Services Chautauqua at the University of Texas-*Houston Health Sciences Center*, Houston, November 14, 1996

"A New Theory of Value," paper delivered at the third meeting of the international symposium series on *The Question of Economic Value*, Flawn Academic Center, The University of Texas at Austin, organized by The Center for American Architecture and Design., October 25, 1996.

"Outline of an Economic Theory of Architecture," lecture to the *LBJ School Ph.D. colloquium*, organized by Prof. James K. Galbraith, The University of Texas at Austin, October 10, 1996.

"The Architecture of Value and the Value of Architecture in the Age of Information," invited lecture to the School of Architecture, *Clemson University*, Clemson North Carolina, October 3, 1996.

"On the Freedom of Robots, and Ours," talk to *Robofest*, the Austin Robotics Group annual public event, Austin, September 15, 1996.

"The Value of Virtual Worlds and Cyberspace," invited address to the *Oracle CASE Special Interest Group (OCSIG) Spring '96 Conference*, San Diego, May 17 1996

"Is the Quest for Authenticity the End of Splendor?" invited lecture to the *American Institute of Architects*, Local Chapter, Charleston, South Carolina, and *Clemson University School of Architecture*, Charleston Studio, S.C. April 25, 1996

"Polyscopic Strategies: The Idea of the Natural Sign, Move-Only Files, and Unintended Views in Virtual Spaces," lecture to the School of Architecture, *Louisiana Tech University*, and public debate with David Jay Bolter of Georgia Tech., March 20, 1996

"Creativity, Value, Moral Responsibility," invited paper for, and participation in, the First Roundtable on Creativity , sponsored by the *John D. and Catherine T. MacArthur Foundation*, Chicago, December 9-11, 1995.

"Computers in Design," invited address to the *Texas Society of Architects* annual meeting, Dallas, Texas, November 6, 1995. Also moderated paper session.

- "Finding a Home in the New Technology," and
 - "Integrating the Arts and Sciences." Two invited addresses to the First Annual International Seminar of the *Universidad Autonoma Metropolitana*, Mexico D. F., July 6-14, 1995

"Thoughts on Complexity, Organization ,and Economic Value," invited paper at *Evolving Complexity*, a national multi-disciplinary conference held at *The University of Texas at Dallas*, November 17-19, 1994.

"Psychoeconomy," paper at the first meeting of the international symposium series on *The Question of Economic Value*, Flawn Academic Center, The University of Texas at Austin, organized by The Center for American Architecture and Design., October 21-22, 1994.

"Cyberspace/Radio," invited keynote audio address at *Cybersphere International Symposium of Cyberspace*, *Kulturhuset, Stockholm*, October 22, 1994, sponsored by the Media Arts Project, NUTEK, The Institute for Future Studies, Kulturhesett, and the Swedish National Council for Cultural Affairs.

"The Architectural Venture into Cyberspace," lecture to the Annual Meeting of The *Texas Society of Architects*, Austin, October 8, 1994, with Marcos Novak,

"Man and Cyberspace: Some Second and Third Thoughts," invited Symposium Address, *IVA Royal Academy of Engineers*, Forsmark Castle, Uppland, Sweden, June 7, 1994.

"Architecture Against the Wall," invited lecture at *Texas A&M University*, College Station, Texas, April 24, 1994.

"The Innerness Outside," invited lecture at the School of Architecture, *The University of Notre Dame*, South Bend, Indiana, April 6, 1994.

"Thinking about Economic Value in the Context of New Electronic Technologies," guest speaker and invited seminar participant, Executive Round Table Conference, sponsored by *I2 Intellection Inc.*, at Hilton Head Island, March 24-25, 1994

"Louis Kahn and the Metaphysics of the Practical," Invited public lecture at *The Wexner Center for the Arts*, Columbus Ohio, January 5, 1994

- "Economic Trends, Economic Ends, and the Value of Architecture,"

- "Against Form: Architecture's Invisible Value," and

- "Architecture in a New Venue: Cyberspace,"

three seminars given at the *Georgia Institute of Technology*, College of Architecture and Planning Ph.D. Program, Atlanta, Georgia November 29 and 30, 1993

"Economy and Value," invited lecture delivered at School of Architecture, *Auburn University*, Auburn, Alabama, November 8, 1993

"Architecture's Value " invited lecture delivered at *The University of Nebraska* School of Architecture, Lincoln, Nebraska, November 4, 1993

"Boundaries of Architecture," invited lecture delivered at *Kansas State University* School of Architecture, November 3, 1993

"Economic Trends, Economic Ends, and the Value of Architecture," invited paper given at the Association for Collegiate Schools of Architecture (ACSA) Annual Southwest Meeting at the School of Architecture, *UT Austin*, October 29th, 1993.

"New Boundaries for Architecture and Representation," Invited Closing Address to the Association for Collegiate Schools of Architecture (ACSA) Annual West Central Meeting at the School of Architecture, *The University of Minnesota*, Minneapolis, October 9, 1993.

"Louis Kahn and the Question of Value," invited public lecture at *The Kimbell Art Museum*, Fort Worth, July 17, 1993,

"Cyberspace, and the Future of Architecture," two invited lectures to the Alumni Reunion of the School of Architecture, *The University of Texas at Austin*, April 24, 1993.

"The Ontologic of Cyberspace" invited lecture to *The Cognitive Science Club*, University of Texas at Austin, Welch Hall, April 20, 1993.

"New Spaces, New Depths" (variation), Invited lecture to *SCIARC: The Southern California School of Architecture*, Los Angeles. Ca., March 31, 1993.

"Creativity," invited address at the *International Symposium on Creativity in the Sciences and Humanities*, Sponsored by The Swedish Ministry of Culture and Education, March 24, 1993; LBJ School of Public Affairs, *The University of Texas at Austin*. (Co-panelists included Nobellist Dr. Ilya Prigogine and Dr. Steven Weinberg, and Pulitzer Prize winner, James Michener.)

"Real Space/Cyberspace," invited lecture to *Carleton University*, School of Architecture Ottawa, Ontario, March 3, 1993

"Ethereal Geography: Architecture and Information in the Landscape of Cyberspace," Distinguished Lecture Series, *The University of Arizona*, Tucson, Feb. 19, 1993. (Co-sponsored by the School of Architecture, Dept. of Geography and Regional Development, The Program on Culture Science and Technology, The Drachman Institute , and the Office of the Vice President of Research.)

"Why Cyberspace Seems Inevitable," invited lecture and seminar, *Commonwealth Center for Literary and Cultural Change*, The University of Virginia; November 16, 1992

"New Spaces, New Depths," invited lecture, School of Architecture, *Carnegie Mellon University*, Pittsburgh, PA, November 10, 1992.

"Cyberspace and CitySpace" invited lecture at the "New Urbanism Symposium," *Princeton University*, School of Architecture and Planning, Princeton, New Jersey; October 17, 1992

"From the Real to the Virtual" invited lecture, *Rice University*, School of Architecture Houston, Texas , September 22, 1992.

"Depth and Deception," invited lecture to the School of Architecture, *University of Waterloo*, Ontario, Canada; July 30, 1992. Also Visiting Critic, Thesis reviews.

" Architecture, Cyberspace, and the Future of the Real" invited lecture at the 42nd *International Design Conference at Aspen*, Colorado; June 19th 1992.

"On the Future of the Real," Invited Keynote Address at the ACSA (Association of Collegiate Schools of Architecture) International Meeting in *Delft University of Technology*, Delft, The Netherlands, May 15, 1992., on the occasion of TU Delft's 150th Anniversary

"DEPTH," invited lecture, *Massachusetts Institute of Technology*, Dept. of Architecture, February. 11, 1992.

"The Architectonics of Cyberspace," invited lecture, *Philadelphia College of Art and Design*, The University of the Arts, Philadelphia; December 3, 1991.

"Architecture and the Landscape of Unreality," invited lecture to *The Vancouver League for Studies in Architecture and the Environment*, Alcan Lecture Series, Vancouver, British Columbia, October 2, 1991.

"Inhabiting Representations in Consensual Virtual Worlds: Cyberspace as a new venue for architecture," lecture and Workshop for ACSA/AIA *Cranbrook Teachers Seminar*, Cranbrook, Mi., June 22--25, 1991.

"Cyberspace and VR: the New Electricity," invited lecture at The School of Architecture, *Catholic University*, Washington, DC, June 11, 1991.

"Go Forth, and Be Brave..." Commencement Address to the Graduating Class of The School of Architecture, *University of Texas at Austin*, Texas Union Ballroom, April 29, 1991.

"Inhabiting the Invisible Architecture of Information," invited lecture at the School of Architecture *Pratt Institute*, Brooklyn, NY, April 11, 1991, as part of the Symposium "On Making."

"Cyberspace, Virtual Reality, and the Principle of Commonality," invited concluding lecture/address at the *First Annual Virtual Reality Conference: Theory, Practice, and Promise*; San Francisco, Dec. 10-11, 1990. Sponsored by Multi-media Review and Virtual Reality Report.

"The Dimension of Depth: Materiality and its Transcendence," invited lecture at the *Ethics and Creativity Symposium, Kent State University School of Architecture*, November 1, 1990. (Other speakers: Perez-Gomez, Harries, Rockcastle).

"Cyberspace: A New Realm for Architecture," juried paper accepted for presentation at the *XIV Congress of the UIA*, May 30, 1990, Montreal (not presented).

"The Dimensions of Craft," opening address to the *Focus on Craft in Building Symposium* held October 19-20, 1989, at The University of Texas at Austin, sponsored by the Center for the Study of American Architecture. Also session leader for the workshop "Who Needs It?", with panelists Michael Sorkin and Patricia Wilson. Invited.

"Cyberspace: Some Visualizations" paper presented at *The First Conference on Cyberspace*, May 4, 1990, Flawn Academic Center, The University of Texas at Austin.

"Deconstructing the Kimbell Art Museum," invited paper, presented to the *Modernism Study Group*, The University of Texas at Austin, November 15, 1989.

"Deconstructing the Kimbell," invited public lecture at *The Architectural Association*, London, March 14, 1990.

"Depth and Color," invited lecture and 4-day workshop in design theory, *The Architectural Association*, London, March 12-15, 1990.

"The Meaning of Difficulty," invited lecture, *III Simposium Internacional Actualidad Perspectivas Arquitectura*, Monterrey Technical Institute, Monterrey, Mexico, February 24, 1989.

"Depth of Meaning and the Meaning of Depth," Invited lecture, *Semiotics Colloquium*, The University of Texas at Austin, November 21, 1988.

"Seeking Reality, Finding Depth," Invited lecture at the School of Architecture, *University of Arkansas*, Fayetteville, October 21, 1988.

"Architecture without Irony," Invited lecture at the School of Architecture and Planning, *University of Kansas, Lawrence*; September 13, 1988.

"Between Atopia and Utopia: The Place of Place in the New American City," invited lecture; *The University of Texas at Dallas Arts and Humanities Forum, Johnson Center Performance Hall*, February 3, 1988.

"Towards Real Architecture." invited lecture at *The Architectural Association, London, U.K.*, October 28, 1987.

"New Urban Realism and Vision: Dallas," keynote address at the Annual Awards Ceremony of the Dallas Chapter of the *American Institute of Architects*, May 21, 1987.

"Materials, Meaning and Will: Towards a Real Architecture." Lecture at the *Symposium on Buildings and Reality: Architecture in the Age of Information*, October 23, 1986; sponsored by the Center for the Study of American Architecture. Invited.

"How Buildings Mean," *Semiotics Colloquium Lecture Series*, The University of Texas at Austin, October 7, 1985. Invited lecture.

"Art or Science: Le Volume Blue et Jaune." The University of Texas at Austin School of *Architecture Lecture Series*, April 5, 1983. Invited lecture.

"Research as Art." Invited lecture and colloquium, *University of Michigan, Department of Architecture Ph.D. Program*, November 29, 1982.

"Collaborations." Gallery talk, *Michener Gallery, The University of Texas at Austin*, April 21, 1982. Invited.

"Research as Art." Invited paper presented at the Architectural Research Consortium's *Design Research Symposium*, Ann Arbor, Michigan, November 13, 1981.

"The Perception of Space in Architecture." Invited paper presented at the *First International Conference on Event Perception*, University of Connecticut, June 1981.

"Architecture and Television: Reality Lost and Found." Juried paper presented at the combined Annual Meeting of the *Popular Culture Association and American Culture Association*, Detroit, March 1981.

"Isovists." Invited colloquium with the *Experimental Psychology Faculty*, UT Austin Department of Psychology, February 12, 1981.

"Architectural and Urban Design Research Programs: Problems and Prospects in the Area of Perception and Simulation." Invited colloquium, *Rice Center, Rice University*, Houston, October 30, 1980.

"Describing and Perceiving the Physical World: Research with Isovists." Juried paper presented at the 88th Annual Meeting of the *American Psychological Association*, Montreal, September 4, 1980.

"Space Planning." Invited lecture, *Annual Meeting of the Public Works Association*, Austin, May 8, 1980.

"A Theory of Space from Architecture." Invited lecture, *Symposium on Relativity and the Arts*, UT Austin Department of Philosophy on the occasion of the Einstein Centennial Celebration, April 29, 1979.

"The Psychology of the Home." Lecture, *Traditions and Visions: Mother to Mother*, a state-wide conference sponsored by the Texas Committee on the Humanities, April 23, 1979.

"The Place of Man-environment Research in Architectural Education." Colloquium, Department of Architecture, *University of Washington*, Seattle, February 20, 1979.

"Isovists and Isovist Fields: Toward a new Way of Studying Environmental Space and Certain Space-Contingent Behaviors." Juried paper at the Ninth Annual Meeting of the *Environmental Design Research Association*, Tucson, April 1978.

"Space, Basic Design and the Inner Ear." Juried paper presented at the Seventh Annual Meeting of the *Environmental Design Research Association*, Vancouver, May 1976.

THESIS SUPERVISION, selected, 1990--present

Laura Smith "What is Popular Architecture? Venturi, Gehry, and Graves" MSAS IS, School of Architecture, 2007.

Xiao Zhang, "The study of daylight in architectural environments using spherical mirrors, real and virtual," MSAS IS, School of Architecture, 2004

Lydia Heard, "Space, place, and opportunistic crime: a study using isovists and space syntax," MSAS IS, School of Architecture, 2004

Sheri Offenhauser, "An introduction to isovist theory using statistical geometry," MA (Mathematics), with Michael Starbird, 2003

Hillary Procknow, "Towards an ethics of the self : considering scientific rationalism, critical theory, architecture, and education," MSAS IS, 2002; with Steve Ross.

John Castore, "The Theory of Architectural Proportion and the Normalization of Reason," M.Arch. (Post-Professional), School of Architecture, The University of Texas at Austin, 2001, with Richard Cleary.

Nathan J Howe, "Exporing Isovist Theory with Autocad," M.Arch. (Post-Professional), School of Architecture, The University of Texas at Austin, 2001.

Beverly White Spicer, "Rhythms of the environment, architecture, behavior and the brain : Islam's Ka'bah, in consideration of Eliade's homology of cosmos, house, body," MSAS IS School of Architecture, University of Texas at Austin, 2000. (Second reader/advisor)

Robert Turknett, "An Artificial Society of Token Traders: Computer Simulation of Life, Happiness, and Complexity in Trade," MSAS IS, School of Architecture, The University of Texas at Austin, 1998

Richard Cutler, "Creation and maintenance of identity in a voluntary, text-based electronic forum on the Internet," Ph.D. Dissertation, School of Communications, The University of Texas at Austin, 1998 (reader and committee member)

David Richard, "MusicSpace on the World Wide Web," M.S.A.S., School of Architecture, The University of Texas at Austin, 1997 (supervisor)

Eric Bucci, "Genetic algorithms and the evolution of virtual spaces," M.S.A.S., School of Architecture, The University of Texas at Austin, 1997 (reader)

John Rees, "Color in Black and White," M.S.A.S., School of Architecture, The University of Texas at Austin, 1996 (supervisor)

Carrie Strahan, "How architecture listens to the environment: resource conservation at

the National Wildflower Research Center, M.S.A.S., School of Architecture, The University of Texas at Austin, 1996 (reader).

Philip Reed: "The House at Tissergate and the Beauty of Naive Functionalism.: An Investigation into the Aesthetics of Fitness," M.S.A.S., School of Architecture, The University of Texas at Austin, 1995 (supervisor)

Michael Taylor: "The Role of the Architect" M.S.A.S. School of Architecture, The University of Texas at Austin, 1995 (supervisor)

Nicholas A. Montfort: "Interfacing with Computer Narratives: Literary Possibilities for Interactive Fiction," *Plan II Honors Thesis*, The University of Texas at Austin, 1995. (reader). with John Slatin (English)

Lisa S. Strausfeld: "Embodying Virtual Space to Enhance the Understanding of Information," M.S.in Media Arts and Sciences, *Massachusetts Institute of Technology*, 1995 (with William Mitchell).

Chris Kellogg: "The Landscapes of Border Control," M.S.A.S. School of Architecture, The University of Texas at Austin, 1994 (supervisor)

Stephen Temple, "Architecture and the Primacy of Perception," M.S.A.S. The University of Texas at Austin, 1993 (supervisor)

Barbara Boardman: "Threshold to a New World: Visitors Facility for an Underwater Park, St. Croix, U.S.V.I." M. Arch, 1991, Graduate School of Design, *Harvard University*. (reader, with Carol Burns).

Sam Silipo: "Urban Oasis: A Culture Park for East Los Angeles" M. Arch, 1991, Graduate School of Design, *Harvard University*. (reader, with Carol Burns).

Holly Getch: "Perspective in / on East Anglia, Mass." M. Arch, 1991, Graduate School of Design, *Harvard University*. (reader, with Carol Burns).

Elisa Brooks: " A Multi-use Building in Providence R.I." M. Arch, 1991, Graduate School of Design, *Harvard University*. (reader, with Carol Burns).

Christakis Hhichristou: "In Search of Absolutes: The Symbol, the Individual, the Home." M.Arch, 1990. School of Architecture, The University of Texas at Austin (supervisor)

Steve Ross: "Clients of Transcendence: Louis I. Kahn and the Homologous Client-Architect Relationship," M.S.A.S., 1990. School of Architecture, The University of Texas at Austin (supervisor).

MEMBERSHIPS

Editorial Board, *Journal of Architectural Education Publications*, 2007-

Editorial Board, *Presence: Journal of Telepresence and Virtual Realities*,

MIT Press, 1990--2000

Architectural Research Centers Consortium,

representing the U.T. Austin School of Architecture (1979-84)

Institute of South African Architects (ISAA)

South African Council of Architects

American Institute of Architects (Associate Member), 1982-84

Environmental Design Research Association, 1975-78

Phi Kappa Phi

COMMUNITY SERVICE

Program Initiator and Judge, City of Austin *Tree of the Year Award* Program, 2006-present

Member, Architect Search/Selection Committee, Austin Museum of Art, April--August, 1998.

ACADEMIC SERVICE

- School of Architecture

Recent and current:

Chair, Architecture Faculty Search Committee, 2006-2007

Chair, Architecture Graduate Studies Committee, 2005-present

Chair, Architecture Graduate Studies Advisory Committee, 2005-present

Chair, Landscape Architecture Faculty Search Committee, 2005-2006

Member, SOA Budget Council/Executive Committee, 1989-present

Member, SOA Executive Committee, Compensation Subcommittee, 2005, 2006

Chair, Battle Hall Renovation Initiative, 2002-2003
 Chair, Architecture Faculty Search Committee, 2001-2002
 Member, Dean Search Committee, 2000-2001
 Member, O'Neil Ford Chair Search Committee, 2000-2001

Director, *The Center for American Architecture and Design*, Fall 1993-present
 Executive Editor, *Center: Architecture and Design in America*, Fall 1993-present
 Director, Master of Science in Arch. Studies (MSAS) Interdisciplinary Program,
 1990-94, 1996-present
 Chairman, Graduate Studies Committee, 1988-1992
 Chairman, Graduate Studies Curriculum Committee, 1988-1992
 Ph.D. Planning Committee 1990-91
 Faculty Search Committee, 1990
 Director, Music and Architecture Project, 1987-1993
 Instructor, London/Basel Program, 1987
 Editor, *CENTER*, 1987, 1996/7

Symposium Coordinator: "Architecture in Music – Music in Architecture," scheduled for October 2011.

Symposium Coordinator: "Latitudes: Architecture in the Americas" April 2008, with Wilfried Wang, Kevin Alter, Barbara Hoidn and Vincent Snyder.

Symposium Coordinator: "Latitudes 2: Architecture in the Americas" April 2009, with Wilfried Wang, Kevin Alter, Barbara Hoidn and Vincent Snyder.

Symposium Coordinator: "Space And Mind: Psychoanalytic Perspectives On Architecture, Architectural Perspectives On Psychoanalysis," April 2007. With Elizabeth Danze

Symposium Coordinator: "Landscape Urbanism," 2004, with Dean J. Almy

Symposium Coordinator: "Divinity/Creativity/Complexity," November 2003.

Symposium Series Coordinator: "The Question of Economic Value" October 21-22, 1994, October 20 -21, 1995, October 25, 1996.

Conference Coordinator: "The 3rd International Conference on Cyberspace," May 14-15, 1993

Conference Coordinator: "The First Conference on Cyberspace," May 4-5, 1990.

Symposium Coordinator: "Buildings and Reality: Architecture in the Age of Information," October 23, 24, 1986

At Various Times:

Undergraduate Curriculum Committee, member, and chair
 Chair of Faculty for Visual Communications

Graduate Studies Committee, member
 Budget Council, member
 Committee on Research, chair
 Final Design Review, coordinator
 Committee on Research, chair
 Teaching Awards Committee, member
 Scholarship Committee, member
 Coordinator, Research Development
 Library Committee, member
 Working Paper Series, editor

- University

Recent and current:

UT INTERACTIVE, Planning Committee Member, 1998-9
 Faculty Budget Advisory Committee, member, 1996-present
 University Design Group, member, 1996--present
 Modernism Study Group, member, 1992-1996

- At Various Times:

Undergraduate Program Self Evaluation Committee, member
 Public Lectures Committee, member
 Junior Fellows Program, faculty adviser
 Graduate Fellows Program, faculty adviser
 Semiotics Colloquium, member

- International:

Reader for *Environment and Planning B*, U.K. 3-4 papers/year
 External Examiner for *University College London's* Bartlett School of Architecture,
 M.Sc. in Advanced Architectural Studies program, biannual review of courses and
 theses, 2003--2007;

OTHER CREATIVE, SCHOLARLY, PROFESSIONAL, and COMMUNITY SERVICE

- Invited examiner, dissertation defence of Yi Lu ("Directed Visibility Analysis and the Embodiment of Abstract Concepts"), *Georgia Institute of Technology College of Architecture*, Feb 9, 2011.

- Invention and prototype testing of “MANTA RAY SPEED GLASSES” (an optical apparatus that permits time-trial cyclists to decrease their wind-resistance by keeping their heads down.)
- “Big Top”, entry to REBURBIA Urban Design Competition, 2009, with Kevin Moore
- Manuscript review for Routledge Publishers, November 2008 (*Architecture of the In-Between*, Thomas Barrie)
- Manuscript review for Yale University Press, Art and Architecture division, December 2008-February 2009 (*Constructing Ineffability*, Karla Britton, Ed.)
- * Founding member (2006) and Tree Judge, *Austin Tree of the Year Program*, Austin Energy/City of Austin, 2007-present. Annual addresses at winning tree sites.
- “A New Theology?” Two Sunday School addresses at *St. John’s Methodist Church*, Austin, May 18 and 25, 2008
- Led *Ethical Society of Austin* reading group around my book *God Is the Good We Do*, July 7, 2008.
- “God Is the Good We Do, Part 2,” Platform Address to the *Austin Ethical Society*, Laguna Gloria Museum, Austin, June 22, 2008
- “God Is the Good We Do, Part 1,” Platform Address to the *Austin Ethical Society*, Laguna Gloria Museum, Austin, June 8, 2008
- Led *Crossings* book reading group at 4015 Mesa Drive, organized by Ted Ziehe, around my book *God Is the Good We Do*, March 3, 10, 17, 2008
- * “God Is the Good We Do: a Reading,” book event at *BookPeople*, Austin, November 29, 2007.
- “Resolved: Climate Change Will Give Rise to a New Language of Architecture,” formal debate with Professor Wilfried Wang, *Center Forum*, Center for American Architecture and Design, November 16, 2007. Spoke against proposition. Won, by measure of opinions changed.
- “Address to Conveners at the Giving of the First Austin Tree of the Year Award, 2007”,

for *City of Austin/Austin Energy Tree of the Year Program*, with Council Member Lee Leffingwell, Hampton Branch Library, Austin, November 17, 2007.

- Program Examiner/Reviewer, M.S. in Architecture program, *University of Cincinnati*; October-December 2005.
- Appeared on NPR Morning Edition, local news: interviewed about proposed design standards legislation for the city of Austin by reporter Ben Philpot. February 25, 2004.
- Panelist, Southwest Region NCARB Administrators meeting, Austin, Texas, Feb 24, 2003.
- Managing and designing visualization of Battle Hall renovation on the UT campus (with faculty members Jeff Chusid, Wendy Dunnam, and Marla Smith).
- Experiments in the perception of melodic complexity (Summer-Fall 2002) with Prof Clarke Burnham and Chadwick Wood, continuing in 2003.
- Panel member (with short presentation), "Investigations in Time: An Interdisciplinary Dialog", at the Jack S. Blanton Museum of Art, The University of Texas at Austin, April 3, 2002, in conjunction with the international exhibit *Time/Frame*.
- Sponsor of (as CAAD director), co-organizer of, and giver of opening and closing remarks to the *Symposium and Charrette on Landscape Urbanism*, held March 21–23, 2002 at School of Architecture, The University of Texas at Austin.
- Panel chair for the San Antonio Northside Independent School District workshop on sustainable school design, sponsored by Solar San Antonio, City Public Service, US Department of Energy, US Environmental Protection Agency, and the State of Texas Energy Conservation Office. October 21, 2001.
- Consultant to *MGA Partners Architects*, Philadelphia, exhibit and catalog preparation, writing, firm mission and 'philosophy' consultation, November 1999–Sept. 2000
- "Tensegrity Tower," organized, managed, helped design and construct a 45 ft high aluminum and steel cable tower, for UT Interactive campus event, displayed March 6, 1999.
- Architectural Advisor to, and member of, the *Austin Museum of Art Architect Selection Committee*, May 1998–August 1998.

- Respondent, public seminar on "Sacred Space," with Margot Sawyer, *Austin Museum of Art* at Laguna Gloria, July 12, 1998
- 'Provocateur' and chair of the "Digital Community/Digital Alienation" panel of the *Getty Research Institute's* Transarchitectures conference, June 5, 1998. Panelists: Peter Kollock, Ed Soja, Linda Stone.
- Consulted with Dean Ellen Wartella of UT School of Communication, and her building committee, on the architectural programming of new multi-media building for the School of Communication, March 1998.
- Committee Member for Ph.D. prospectus of Michael Chorost, "Collaboration in Online Spaces: The Design and Future of Learning-Centered Groupware," Department of English, The University of Texas at Austin, 1998
- Initiated and organized symposium "The Good Building/The Good City" for the Center of American Architecture and Design in coordination with the LBJ School of Public Affairs, the LBJ Presidential Library and the Urban Affairs Program. Held April 1-3, 1998. With Kevin Alter. Funding by the LBJ Presidential Library (\$20,000)
- Initiated and organized the national photography competition "The Good Building," July-December 1997, exhibit April 1998. With Kevin Alter. Funding from the School of Communications (\$3500).
- "The Problem and Causes of Free-riding," address ('sermon') to the Unitarian-Universality Fellowship of Austin, Sunday, January 18, 1998.
- Article referred for the special issue of *The Journal of Aesthetics and Art Criticism* on Aesthetics and Popular Culture, December 1997.
- Design Consultant to Prof. Benjamin Kuipers, Chair, Dept. of Computer Sciences for a new Computer Sciences Building for the University of Texas at Austin, January 1998.
- "Investing in Austin's Architecture," Half-hour TV segment on *Austin at Issue*, KLRU, October 27, 1997. Interview by Tom Spencer.
- Visiting Design Studio Reviewer, *Rice University*, Houston, April 24, 1997
- Topic Chairman and Moderator of the "Economic Value and Practice" sessions at the

85th Annual Meeting of the ACSA, Dallas Texas. March 15-18, 1997.

- Session Moderator, *From Energy to Information*, Symposium organized by the School of Art, University of Texas at Austin, April 5, 1997.
- Prepared and submitted application for a Visiting Fellowship to The Center for the Study of Values in Public Life at *Harvard Divinity School*. Made all but final cut. September 1996.
- Publisher's Reviews, for MIT Press and U. of Washington Press, of new books by Karsten Harries and Philip Thiel, Spring 1997, and UT Press by Grant Hildenbrand.
- Outside Tenure Reviewer for University of Michigan, 1996, Georgia Tech 1997, University of Michigan 1999.
- Organized, fund-raised, co-designed, co-edited, and advised on production and supervised printing of booklet on *The New Psychology Building* for UT, being a record of the designs done by my Fall 1995 Advanced Design class
- Consulted select faculty committee of *Harvard Graduate School of Design* on the future of architectural theory at the GSD, Harvard Faculty Club, Cambridge, December 2, 1996.
- Interviewed by visiting reporters from NHK Television (Japan), about cyberspace and the future, June 17, 1996
- Invited Reviewer at Clemson University School of Architecture *Charleston Studio*, S.C. April 25, 1996 April 26, 1996
- Invited participant in, the *John D. and Catherine T. MacArthur Foundation's* First Roundtable on Creativity, Chicago, December 7-10, 1995.
- Hosted and led focus group discussion on "Architecture's Economic Dilemmas," with members of the AIA; sponsored by *AIA Austin* and The Center for American Architecture and Design, November 30, 1995
- Appeared on the program series *FORUM*, (Theme: "The Question of Economic Value") produced by Olive Graham for KUT and National Public Radio. Syndicated over 40 radio stations; aired by KUT-FM November 29, 1995; 4 pm.
- Featured in a BBC hour-long documentary television program, *Horizons*, on our digital

future. Produced by Windfall Films, London, and directed by Steve Davis. Equivalent to our PBS *Nova* series. Slated for broadcast in England in October 1995.

- Gave invited lecture to the Cognitive Science Proseminar, The University of Texas at Austin, on "Complexity/Perplexity and the Theory of Value," Nov 10, 1994
- Symposium Panel member, "The Politics of the Artificial," Department of Fine Arts, The University of Texas at Austin, April 25, 1994.
- Organizer of a series of three symposia on *The Question of Economic Value* held in 1994, 1995 and 1996, which brought 30 prominent philosophers, economists, psychologists, architects, urbanists, and writers to discuss the increasing cheapness and dilapidation of the natural and built environment, about what this means in terms of the quality of life as well as lost opportunity for employment and economic growth. 1993--1996.
- Appeared on "Washington Dateline" with Pat Korten, on WCR, and syndicated on five other radio stations by Korten Communications Inc., Washington, DC., December 21, 1993. The topic: Vice President Albert Gore's speech that day on Federal policy and the Information Superhighway,
- Moderator, paper session, *ACSA Annual Southwest Meeting* at the School of Architecture, UT Austin, October 30th, 1993.
- In the period 1989--present, seven anonymous peer reviews of book manuscripts for The University of Washington Press and MIT Press.
- Interviewed by *National Swedish Radio*, Swedish Broadcasting Corporation, October 26, 1993, program on cyberspace, Channel P1, for broadcast January 1994.
- Appeared on CNN *Science and Technology* segment, August 13--18, 1993
- Appeared on *The Next 200 Years*, Longhorn Radio Network (KUT-NPR), August 8, 1993.
- Program Committee Chairman, *The Third International Conference on Cyberspace*, held May 14 and 15, 1993 at The University of Texas at Austin, Flawn Academic Center.
- Visiting Critic, School of Architecture *University of Waterloo*, July 30, 1992. Thesis reviews.

- Visiting Critic, advanced design final reviews at the Graduate School of Design, *Harvard University*, May 12, 1992. (Stanley Saitowitz Studio).
- Visiting Critic at *The Southern California Institute of Architecture (SCI ARC)*, Santa Monica, California; Thesis Reviews, January 25--26, 1992.
- Visiting Critic at *Rice University*, School of Architecture, Houston, Texas, Thesis Reviews, December 6, 1991
- Design Charette Leader, School of Architecture, *Catholic University*, June 10-11, 1991.
- Panel Member, "Postmodernism," 70th Annual Meeting of *The Southwest Sociological Association*, Hyatt Regency Hotel, Austin, Texas; March 21, 1992
- Panel Member, "VR and Cyberspace", *Third Conference on Organizational Computing, Coordination and Collaboration (OCCC)*, IC² Institute, Austin, Texas; February 25, 1992.
- Cover designs for: MIT Press' *Presence* and *Cyberspace: First Steps*, Lumen Books' *Deconstructing the Kimbell*; poster designs for the *First, Second, and Third International Conferences on Cyberspace*; with Erik Josowitz; 1990--92.
- Program Committee Member, *The Second International Conference on Cyberspace*, University of California at Santa Cruz, April 19-20, 1991.
- Visiting Critic, design studio review (Marc Treib), School of Architecture and Environmental Design, *The University of California at Berkeley*, December 1990.
- Design Award: Honorable Mention, "*La Defense*" *ACSA/Otis Elevator Competition*, 1990; with students Hans Butzer, Fred Lowrance, and Lewis Waddell. (\$500 award).
- National Coordinator, *The First Conference on Cyberspace*, held May 4-5, 1990, The University of Texas at Austin; Chairman of the Program Committee.
- Paper reader/judge and panelist for the 1989 *National Architectural Collegiate Schools of Architecture (ACSA)* meeting; Chicago, March 1989, Session on Architectural Pedagogy.
- Instigator and Coordinator, as Director of the Music and Architecture Project., *Goldsmith Hall Inaugural Concert*, September 26, 1988, and Composition Competition, Spring-Summer 1988. (With Prof. Russel Pinkston [Music]).

- "*Music from Elevations*" composed and performed on the Ensoniq ESQ1, a transcription in music of the east facade of the Texas Union Building, 1987. (Part of the Music and Architecture Project.)
- "*The Playing of Sutton*," as above, with Steve Bright, John Bechtel, and Larry Wheat, music composed for, and using, Sutton Hall as an "instrument." 1988.
- Design and construction of *CYCLOPS*, an electric board game of strategy, somewhere between chess, Dungeons and Dragons, and pinball, based on *Isovist* research (see above), 1981.
- Set and stage design for *The Bloodknot*, by Athol Fugard, Texas Union Theater, 1976.
- Editor of *Wits Wits*, an annual humor publication of the University of the Witwatersrand, Johannesburg, South Africa, 1969, 150pp., circulation approx. 20,000.