

# PLINY FISK III

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## EDUCATION

M.L.Arch, Ecological Land Planning, University of Pennsylvania, 1971  
M.Arch, Honors Program, University of Pennsylvania, 1970  
B.Arch., Arts & Sciences, University of Pennsylvania, 1967

## PROFESSIONAL POSITIONS

2011 – Present	Founding member	Eco-inventorium, Inc. Glen Allen, Virginia
2008 – 2011	CEO and Founder	Sustainable Earth Technologies, Inc. Austin, Texas
1975 – Present	Co-Director and Co-Founder Systems	Center for Maximum Potential Building  Austin, Texas

## ACADEMIC POSITIONS

2005 – 2011	Fellow, Sustainable Urbanism; Fellow, Center for Health Systems Design; Fellow, Center for Housing and Urban Development	College of Architecture, Joint Appointment: Architecture, Landscape and Urban Planning Texas A&M University; College Station, Texas
2002	Adjunct Professor	School of Architecture University of Texas; Austin, Texas
2002	Herrin Distinguished Fellow	Department of Architecture, Landscape Architecture & Planning; Mississippi State University; Starkville, Mississippi
2001	Bruce Goff Chair for Creative Architecture	Department of Architecture University of Oklahoma; Norman, Oklahoma
1997	Adjunct Professor	Department of Architecture Ball State University; Muncie, Indiana
1995	Visiting Professor	Department of Regional Planning University of New Mexico; Albuquerque, New Mexico
1971 - 1977	Assistant Professor	School of Architecture University of Texas; Austin, Texas
1969 - 1970	Assistant Professor	Department of Architecture

**POSITONS WITH NATIONAL/ INTERNATIONAL FOUNDATIONS and PEER REVIEW BOARDS**

2012	Gates Foundation	Advisor / Reviewer Grand Challenges Exploration
2011	Meadows Foundation	2020 Strategic Plan Advisor
2011	Enterprise Foundation	National Strategies Advisor
2006	General Services Administration	Peer appointment to GSA National Register of Peer Professionals in the Design Excellence, Construction Excellence, or Art in Architecture programs.
2002	Macarthur Foundation	Architectural Awards Advisor

**AWARDS and HONORS**

CITY OF AUSTIN

2010	Austin Toastmasters 2010 Communication Achievement Award	Recognizing "Outstanding Contributions for Exceptional Communication." Austin, Texas
2004	Zero Energy House Competition First Place	Austin Energy sponsored competition with LZT Architects. Austin, Texas
2005	City of Austin's Mayor Award	For being a visionary in the field of sustainability and green design; Austin, Texas
1999	Local Hero	Community Investment Corporation. One of five "Local Heroes," Sustainability Category, Austin, Texas
1991	Maharishi Award	Ministry of Environment and Education; Transcendental Meditation Community of Austin; Austin, Texas
1986	Honorable Mention	City of Austin Affordable House Design Competition "...an ingenious approach to construction materials." Austin, Texas

STATE OF TEXAS

2004	Honorary State Chairman	First Texas Clean Energy Congress.
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NATIONAL

2012	Lewis Mumford Award A DPS R	National award for providing Environmental leadership in urbanism
2010	EPA Appreciation Award	Award accompanied by plenary talk on CMPBS Procedures on Risk Assessment
2008	USGBC Leadership Award for Organizational Excellence	Given to founding members of the AIA Committee on the Environment.

2006	"14 Visionaries – Pliny Fisk III Gail Vittori Architecture,"	<i>Metropolis</i> , January 2006.
2002	Sacred Tree Award	First Annual Public Sector Leadership / NGO Award for "Significant Contributions to the Advancement and Transformation of Green Buildings in the Public Sector." U.S. Green Building Council.
2000	Passive Solar Pioneer Meeting.	American Solar Energy Society, Annual
1996	Presidential Team Award	For contributing to the sustainable relocation of towns displaced by the Mississippi floods; Washington, DC.
1991	Searching for Success Program Award	Renew America's Searching for Success Program: Recognized as developing exemplary environmental demonstration projects.
1991	Distinguished Appropriate Technology Award Achievement	National Center for Appropriate Technology 15th Year Award Recognizing significant in the field of environmental protection.
1986	First Place	National Endowment for the Arts "Designing for Area Resource Efficiency International Competition," Multi-Family Division.
1981	Top Ten Outstanding Community-Based Renewable Energy Efforts	U.S. Department of Housing & Urban Development.
1972	National Science Foundation Research Fellow	University of Pennsylvania. Philadelphia, Pennsylvania
1969	Tau Sigma Delta National Honorary Society in Architecture.	University of Pennsylvania. Philadelphia, Pennsylvania
1968	E. Lewis Dales Traveling Fellowship	University of Pennsylvania, Graduate School of Architecture
INTERNATIONAL		
1994	Environmental and Affordable Housing Award	Competition SEDESOL [Mexico's Environmental Agency] In partnership with Texas A&M University and Instituto Tecnológico de Monterrey.
1992	Earth Summit Award	United Nations Local Government Honours Programme In partnership with City of Austin, Texas. Only US awardee of 12 total. Rio de Janeiro, Brazil.
1989	U.S. Delegation to the Soviet Union	Chosen as one of six members to represent Sustainable Development and Renewable Energy.

## RECOGNITIONS & ACKNOWLEDGEMENTS

- 2012 Nominee for National Design Awards, Cooper Hewitt, National Design Museum, Lifetime Achievement and Design Mind Categories.
- 2009 Recognized as one of four ecopioneers in a CNN International special, 'Going Green: Eco-Pioneers.' Airdate: October 1, 2009.
- 2008 Recognized as one of 15 green building pioneers in the U.S. Green Building Council's "15 Years, 15 Stories" annual report. *The report included a video presentation to attendees at the 2008 USGBC Greenbuild conference, Boston, Massachusetts.*
- 2008 Honored as one of "35 People Who Will Shape Our Future," *Texas Monthly*, February 2008.
- 2007 Recognized in *Time*, "Innovators Building a Greener World: Gail Vittori," March 2007, Pg. 66.
- 2005 "Eco-noclast," *Dwell*, Dec/Jan 2006, Sam Martin, pp. 126-128.
- 2000 Landscape Architecture Magazine, Cover Story, July, 2000, J. William Thompson, FASLA.
- 1999 Taschen Press, Germany selected CMPBS' Green Builder Demonstration as one of 12 buildings by U.S. firms and their work world wide for 1998 in *Contemporary American Architects, Vol IV. Z* (other featured architects include F. Gehry, R. Meier, E. Owen Moss, S. Holl, I.M. Pei).
- 1996 Featured in *New York Times*, "Mr. Fisk Builds His Green House", Patricia Leigh Brown, Home Section Cover Story, February 15, 1996.
- 1991 American Planning Association: Chosen as one of five national design firms representing the future of ecological planning work begun by Ian McHarg, in *American Planning Association Journal*, "The Legacy of Ian McHarg", October 1991.
- 1991 *Architecture Magazine*: Feature article, "Blueprint for Survival" by Ray Don Tilley, May 1991.
- 1991 Selected as one of 20 members of a U.S. delegation to Cuba representing Sustainable Development and Renewable Energy.
- 1990 *Whole Earth Ecolog*: Cited for "...its excellence in the field," edited by J. Baldwin.
- 1981 National Center for Appropriate Technology: Cited CMPBS as having developed one of 31 exemplary community energy projects in the U.S.
- 1974 Portola Institute, California: CMPBS cited as being "...some of the best, if not the best, university-related work on integrated energy systems in the United States."

## PROFESSIONAL and COMMUNITY AFFILIATIONS

- 2011 - present Advisory Board Member, Texas Green Network, Austin, Texas.
- 2003 Advisory Group, Conservation Development Symposium; Lady Bird Johnson Wildflower Center. Austin, Texas.
- 2001 - present *Natural Home Magazine*. Editorial Advisory Board. Loveland, Colorado.
- 1993 - present Solar Energy International, National Advisory Board. Carbondale, Colorado,

- 1992 - 2005 *Environmental Building News*. National Advisory Board. Brattleboro, Vermont.
- 1994 - 1996 President's Council on Sustainable Development, Making it Work Task Force. Washington, D.C.
- 1994 - 1996 Committee on the Environment, American Institute of Architects, Washington, D.C.
- 1993 - 1994 Co-chair, Environmental Resource Guide Committee, AIA Committee on the Environment, Washington D.C.
- 1980 - present American Solar Energy Society, International Solar Energy Society

## **SELECTED KEYNOTE AND INVITED TALKS**

- 2013 Living Future unConference Speaker, 'Serious Commotion – Anticipatory Protocols, Prototypes + Policies.' Seattle, WA
- 2013 XI Congreso Arquitectura 2013: Sustainability-Patrimony-Education Speaker, "" San Jose, Costa Rica
- 2013 Envision Central Texas Regional Livability Symposium – Water: Key to Our Future Keynote Speaker, "Towards a Maximum Potential Future." Austin, TX
- 2013 Green Mountain College Keynote Speaker and Lecture Series. Poultney, VT
- 2012 Greenbuild International Conference and Expo Presenter. "EcoBalance and Biomimicry: New Lenses Integrating Cyclical Processes." San Francisco, CA
- 2012 Ball State University Department of Architecture Design Week All-School Speaker, "Planning and Design of the White River Corridor as Place." Muncie, IN
- 2011 Norwich University Wide Lecture. School of Architecture and Art Guest Speaker, "World Change: Then, Now, and Next." Northfield, VT
- 2011 University of Texas, Austin, UT LAMP Continuing Education Public Lecture, "Plenitude, A Living City for Northern Africa." Austin, TX
- 2011 AIA Houston 2030 Challenge Workshop. Houston, TX
- 2011 University of Houston. 5<sup>th</sup> Year Studio Guest Consultant /Reviewer. Houston, TX
- 2011 Catholic University Public Lecture. "World Change: Then, Now, and Next." Washington, DC
- 2011 Laredo Sustainable Agriculture Conference Keynote Speaker. "Origins of the Laredo Demonstration Farm." Laredo, TX
- 2011 Taliesin West Lecture Series. "Serious Commotion at the Center for Maximum Potential Building Systems." Scottsdale, AZ
- 2011 ECOSA Institute Workshop "Humans as Participants in the Ecology of Planetary Well-being." Prescott, AZ
- 2011 University of British Columbia Regenerative Design Class Workshop. Vancouver, BC
- 2011 SKANSKA/KAROLINSKA CMPBS Tour and Professional Education Session. Austin, TX
- 2011 KIPP Austin Junior Class CMPBS Tour. Austin, TX

- 2011 University of Texas-San Antonio Architecture Studio CMPBS Tour. Austin, TX
- 2011 bcWorkshop Tour, "Maximum Potential Building Systems." Austin, TX
- 2010 US EPA 2010 Safety, Health and Environmental Management Workshop. Speaker, "Sustainability Initiatives in Central Texas." Austin, TX
- 2010 Foro de Construccion de Vivienda y Comunidades Sostenables en Mexico. Keynote Plenary Address. Monterrey, Mexico
- 2010 Gulf Coast Green Symposium. Invited Speaker, "Eco-Balance Planning." Houston, TX
- 2010 Mississippi State University, Energy Seminar Workshop, "Use and Specification of Solar Technology by Architects." Jackson, MS
- 2010 Indiana Building Green Symposium. Plenary Speaker. Indianapolis, IN
- 2010 Living Future: The Unconference for Green Professionals. Big Bang Dinner Keynote Speaker, Seattle, WA
- 2009 First Central American Forum: Sustainable Construction and Climate Change, Public Lecture, "Protoproducts: Products as Prototypes for Planetary Well-Being." IUCN, San Jose, Costa Rica
- 2009 Mississippi State University, Public Lecture, Harrison Visiting Lecture Series. Starkville, MS
- 2009 Washington University, Sam Fox School of Design and College of Architecture in conjunction with the International Center for Advanced Renewable Energy and Sustainability, Invited Speaker. St. Louis, MO
- 2009 U.S. Green Building Council – Prescott, AZ Chapter, "Anything is Possible: An Evening With Pliny Fisk III." Prescott, AZ
- 2008 *Arcade Magazine* Launch Party, Invited Editor and Speaker, Seattle, WA
- 2008 Eco-Build El Paso, Keynote Speaker, "Life Cycle Balancing and Sustainable Futures." El Paso, TX
- 2008 AIA National Convention and Design Exposition, Full-Day Session Organizer, "Breakthrough Community Design Planning: 4 Perspectives." Boston, MA
- 2008 Congress for New Urbanism XVI, Speaker, "Sustainable Thinking and Architectural Form." Austin, TX
- 2008 National Association of Educational Procurement, "Sustainability Essentials - Mini Institute #4: History of Sustainable Design & Life Cycle Costing." Austin, TX
- 2008 ECOSA Institute, Public Lecture, "The Greening of the Brain – Biophilia and the Work of CMPBS." Prescott, AZ
- 2008 University of Louisiana at Lafayette, Public Lecture, "The Solar Decathlon as a Trigger to Next Generation Design Education," Lafayette, LA
- 2007 Art + Nature Symposium, "30 Years of Disruptive Thinking – the Work of CMPBS," Waterfall Arts Center, Belfast, ME
- 2007 Natural Building Colloquium, "Biophilia and the Future of Green Architecture," Kerrville, TX

- 2007 AIA National Convention, Keynote Speaker, “ Disruptive Thinking - How It Could Change the World,” San Antonio, TX
- 2007 Texas A&M University, International Conference on Sustainable Urbanism, “30 Years of Disruptive Thinking – Is It Working?” College Station, TX
- 2007 Sustainability Center of the Rockies (SCoR), “Life Cycle Planning and Design – From Play to Serious Stuff,” Carbondale, CO
- 2007 Virginia Commonwealth University, Tasmeeem Doha Design Conference, “Sometimes, You Just Have to Do it Yourself – A Texas View,” Doha, Qatar
- 2007 University of Utah, Public Lecture, “The Future of Green Architecture,” Salt Lake City, UT
- 2007 Native Plants in Design Conference, Plenary Talk, “A Maximum Potential Framework for Design,” Millersville University, Millersville, PA
- 2006 North Carolina State University, Public Lecture, “Too Far, Too Fast, Too Soon,” Raleigh, NC
- 2006 North Carolina State University, Ph.D. Seminar Series: “The Life-Cycle Mind – A New Approach to Biophilia and Design” and “The Solar Decathlon as a Trigger to Next Generation Design Education,” Raleigh, NC
- 2006 University of Nevada, Las Vegas, Public Lecture, “Too Far, Too Fast, Too Soon,” Las Vegas, NV
- 2006 University of Nevada- Las Vegas, College Workshop: “Solar Decathlon as a Trigger to Next Generation Design Education,” Las Vegas, NV
- 2006 Gulf Coast Green - Houston AIA Lecture: “Community Supported Architecture,” Houston, TX
- 2006 IC2 Institute and University of Texas Center for Sustainable Development, Dinner Speaker: “Community Supported Architecture,” Austin, TX
- 2006 Instituto Tecnologico y de Estudios Superiores de Monterrey of Mexico, Public Lecture: “CMPBS' Framework for a Sustainable Future,” Austin, TX
- 2006 Texas A&M University, Research on the Built and Virtual Environments, Global Symposium Presentation, “Solar Decathlon as a Catalyst to Next Generation Design Education,” College Station, TX
- 2006 University of Texas Solar Decathlon Team: College Group Lecture. Austin, TX
- 2006 Universidad de Los Andes of Colombia, College Class Lecture: “A Framework for Sustainability,” Austin, TX
- 2006 Ecosa Institute, Public Lecture: “The Work of the Center for Maximum Potential Building Systems,” Prescott, AZ
- 2006 Affordable Comfort Institute, Public Lecture: “The Work of the Center for Maximum Potential Building Systems,” Austin, TX
- 2006 Texas A&M University, Key West Disaster Relief Plan, “A Gro-Home Approach to Building,” Key West, FL
- 2006 Green Building Expo: Rebuilding the Gulf Coast Stronger, Safer and More Energy Efficient - Sierra Club, Keynote Speaker: “Community Supported Architecture,” Ocean

Springs, MS

- 2006 Yale University, Biophilic Design Symposium, "The Biophilic Neocortex," New Haven, CT
- 2006 Florida House Institute, Public Lecture: "Sustainable Development," Tampa, FL
- 2006 Sustainable Sarasota, Public lecture, "Pliny Reports in from the Roman Empire," Sarasota, FL
- 2005 Sasaki Green Day, Plenary Talk, "The Responsibilities of the Global Office in Our Transition to a Sustainable World," Boston, MA
- 2005 Earth Day, Plenary Talk, "A Sustainable World – What it Might Take," University of Cincinnati, Cincinnati, OH
- 2004 U.S. Environmental Protection Agency and U.S. Department of Energy Energy Star National Conference, Keynote Speech, "Beyond the Conservation Ethic," Austin, TX
- 2004 AIA New Hampshire, Keynote Speech, "Integrated Design Integrated Development," University of New Hampshire Statewide Conference, Durham, NH
- 2004 National Conference of the American Water and Wastewater Association, Plenary Talk, "EcoBalanced Planning," Austin, TX
- 2003 Lady Bird Johnson Wildflower Center, 2nd Conservation Development Symposium, Final Plenary Speaker, "Conservation Development Work at CMPBS", Austin, TX
- 2003 Green Festival, National Conference, Invited Workshop, "Too Far?, Too Fast?, Too Soon?" Austin, TX
- 2003 American Solar Energy Society National Conference, Plenary Talk, "Life Cycle Balanced Planning & Design," Austin, TX
- 2003 Fifth National Greening of the Campus Conference, Keynote Address, "Eco-Balance Design and Planning," Ball State University, Ball State, University, Muncie, IN
- 2003 AIAS National Conference, Plenary Talk, FORUM 2003, American Institute of Architects Student National Conference, Pittsburg, PA
- 2002 "Life Cycle Balancing in Design" DESIGN WITH MEMORY™ Sponsors Saraya Co., Ltd., Japan, Toyota Motor Corporation, Japan, Japan Novopan Industrial Co.,Ltd., Japan, Fuji Electric Co., Ltd., Kanagawa Kenmin Center, Kanagawa, Japan
- 2002 Lady Bird Johnson Wildflower Center, 1<sup>st</sup> Annual Conservation Development Symposium, "Overview of Conservation Development", Opening Speaker, Austin, TX
- 2001 Earth Day Seattle, Sponsored by the American Institute of Architects, Seattle Chapter, Invited Public Speaker, Seattle, WA
- 2001 "Life Cycle Assessment Using A National Model," Featured Speaker, Design with Memory *5th International Design Resource Awards Competition*, "Blue Skies - Green Horizons," Belfast, Northern Ireland
- 2001 University of Oregon H.O.P.E.S. National Conference, Plenary Talk, " The Future of Sustainable Architecture and Planning," University of Oregon Department of Architecture and Planning, Eugene, OR
- 1998 University of Oregon Hopes National Conference, Plenary Talk, "The Work at the Center for Maximum Potential Building Systems," University of Oregon Department of Architecture and Planning, Eugene, OR

- 1997 7<sup>th</sup> Annual Green Building Conference Featured Speaker, Green Builder Program, City of Austin, Austin, TX
- 1996 24<sup>th</sup> Annual Life Techniques Conference Featured Speaker, New Mexico Solar Energy Society, Abiquiu, NM
- 1996 Green Building Materials 96, "Regionalized Building Systems," University of Florida, Gainesville, FL
- 1995 5<sup>th</sup> Annual Conference, for Leaders in Economic Development, Economic Development Administration, Austin, TX
- 1992 Rethinking Designs of the 60s, Sponsored by ADPSR/New York Chapter, Perspecta: The Yale Architecture Journal, co-hosted by Parsons School of Design. New York, NY
- 1984 PLEA (Passive Low Energy Architecture) Annual Conference, "Biom-metric based Architecture and Planning for the Miskito Indians," Secretaria de Desarrollo Urbano y Ecologia, Mexico City, Mexico
- 1982 10<sup>TH</sup> Annual Life Techniques Conference, "Work at the Center for Maximum Potential Building Systems," New Mexico Solar Energy Society, Albuquerque, NM

#### **PANEL DISCUSSIONS AND CHARRETTES**

- 2012 Ball State University Department of Architecture Design Week Charrette Leader, "Planning and Design of the White River Corridor as Place." Muncie, IN
- 2012 Enterprise Community Partners, Redefining Community Development Strategies Workshop, New York, NY
- 2011 Echoing Green Conference, Brain Trust Session Panelist. Austin, TX
- 2010 Austin Climate Protection Conference & Expo. Panelist: "Taking Green Buildings to Zero Energy, the Next 10 Years", Austin, TX
- 2010 Build Well Symposium. Panelist. Sausalito, CA
- 2009 Convergence on Zero Symposium, "Trajectories Round Table" Centre for Alternative Technology, Smithsonian Museum of Natural History, Washington D.C.  
*Pliny was an invited symposium attendee and participant in 'Trajectories' round table discussion. Fellow panelists included David Orr, Albert Bates, Rick Flood and Gail Vittori.*
- 2009 30<sup>th</sup> Annual American Solar Energy Society Solar Conference, "Emerging Architecture Round Table," Buffalo, NY  
*Pliny was a presenter and participant in the Emerging Architecture roundtable event. Other round table participants included Harrison Fraker and Don Watson, ex-deans of Berkeley and RPI schools of architecture, respectively.*
- 2009 Re:Vision Dallas Competition Judge's Panel, Urban Re:Vision, San Francisco, CA.  
*Pliny served on the judges' panel with peers including Architecture for Humanity founder Cameron Sinclair, ARUP principal Aidan Hughes, and architect Eric Corey Freed.*
- 2009 Regeneration Speaking Series, "Utopians, Pragmatists and Visionaries," AIA/ASID/IIDA Seattle Chapters, Seattle, WA
- 2009 Sustainable Business Summit, "Sustainable Cities Panel" University of Texas, LBJ School of Business, Austin, TX

- 2008 Re:Vision Dallas Charrette, Urban Re: Revision, Dallas, TX
- 2008 11<sup>th</sup> Annual Venice Architecture Biennale, "Dutch Pavilion Round Table Panel." Venice, Italy.
- 2008 South by Southwest Interactive Conference, "The Greening of the Brain – Interactive Planning for Sustainable Design," Austin, TX

## **PUBLIC SECTOR ARCHITECTURAL, RESEARCH and PLANNING CONTRACTS**

Principal or Co-Principal Investigator, Research Contracts

Project Title: Seaholm EcoDistrict Planning and Design Consultant  
 Funding Source: City of Austin  
 Period: 2012 - present

Project Title: Sheldon Lake Ecological Overlay Analysis & Design Charrette  
 Funding Source: Texas Parks and Wildlife Department  
 Period: 2003

Project Title: University of Texas School of Architecture Solar Decathlon Competition Entry  
 Funding Source: University of Texas School of Architecture  
 Period: 2002

Project Title: City of Seattle Tenant Improvement Guidelines  
 Funding Source: City of Seattle Agreement No. FS-01-16  
 Period: 2002

Project Title: Sustainable Building Materials and Salmon Recovery Guidelines  
 Funding Source: City of Seattle Contract # C00-046  
 Period: 2001 - 2002

Project Title: Alternative Pavement Strategies for U.S. / Mexico Border  
 Funding Source: North American Development Bank, San Antonio, Texas  
 Period: 2000

Project Title: Technical Assistance to Design a Model Village in Guanghan, China  
 Funding Source: UT-Battelle, U.S. Department of Energy Subcontract #4000003730  
 Period: 2000

Project Title: Baselineing of Seattle Justice Center  
 Funding Source: City of Seattle Contract # FS 99-36  
 Period: 2000

Project Title: EPI-Center Project, Montana State University (Bozeman)  
 Funding Source: BNIM Architects under contract with National Institute of Standards & Technology  
 Period: 1998 - 2000

Project Title: Sustainable Materials Database for the Texas General Services Commission  
 Funding Source: Texas State Energy Conservation Office  
 Period: 1998 - 1999

Project Title: Sustainability Analysis and Specification for the University of Texas/Houston Health Science Center, Including Materials, Energy, Water, Waste Water, and Solid Waste  
 Funding Source: University of Texas/Houston Health Science Center, Houston Contract  
 Period: 1998 - 1999

Project Title: Establishing National Measurable Goals for Total Quality Building  
 Funding Source: United States Environmental Protection Agency, Contract #CR824509-01-1

Period: 1997 - 1999

Project Title: Texas Guide to Rainwater Harvesting Book & Video (with Co-Director Gail Vittori)  
Funding Source: Texas Water Development Board, Contract # 95-483-136  
Period: 1997

Project: Advanced Industrialized Housing System Research and Prototype Development  
Funding Source: Hickory Consortium under Contract with the U.S. Department of Energy  
Period: 1995- 2001

Project Title: Advanced Green Demonstration Building; Austin, Texas  
Funding Source: Governors Energy Office (Texas)  
Period: 1995 - 1998

Project Title: Texas Sustainable Design Professional Training Seminars / Training Manuals – (with Co-Director Gail Vittori)  
Funding Source: Texas General Services Commission State Energy Conservation Office  
Period: 1995 - 1997

Project Title: On Site Wastewater Wetland Demonstration for the State of Texas  
Funding Source: Texas Natural Resource Conservation Commission On-Site Wastewater Treatment Council  
Period: 1995 - 1996

Project Title: Rainwater Harvesting Demonstration Project  
Funding Source: Lower Colorado River Authority  
Period: 1995

Project: Self -Sustaining Community Development Master Plan  
Funding Source: Bexar County Local Development Corporation  
Period: 1994

Project Title: Sustainable Materials Conference and Green Resources Library for the Texas General Services Commission  
Funding Source: Texas State Energy Conservation Office  
Period: 1992 - 1993

Project Title: Texas General Services Commission Sustainable Revision of Architecture and Engineering Guidelines  
Funding Source: GSC State of Texas Contract  
Period: 1991

Project Title: Conceptual Framework for Austin Green Builder Program  
Funding Source: City of Austin through a grant from the Urban Consortium  
Period: 1989 - 1990

Project Title: Wind Generated Electricity for State of Texas Demonstration Farm – Laredo  
Funding Source: Governors Energy Office (Texas) Contract  
Period: 1989

Project Title: Resource Efficient Public Housing Prototype Design  
Funding Source: Housing Authority of Travis County, Texas  
Period: 1987

Project Title: Carrizo Springs Demonstration Building Using Passive Solar and Indigenous Materials for Local Economic Development  
Funding Source: U.S. Department of Energy Small Grants Program  
Period: 1980-1982

Project Title: Regional Guidelines for Building Passive Energy Conserving Homes

Funding Source: AIA - HUD Office of Policy Development and Research; Washington, D.C.  
Period: 1980

Project Title: Residential Passive Solar Hot Water Heater, Design Testing and Manufacturing  
Funding Source: U.S. Community Services Administration with the National Center for Appropriate  
Technology, Washington, D.C. Contract  
Period: 1979 - 1980

Project Title: A Working Atlas for the State of Texas  
Funding Source: University of Houston Energy Center  
Period: 1978  
Contracted Amount: \$4,000

## **PLANNING and ARCHITECTURAL RESEARCH – FOUNDATION FUNDED/ PRIVATE DONATIONS**

Principal or Co-Principal Investigator (unless noted) for Research Projects

Project Title: Island Nations Initiative  
Funding Source: Stillwater Foundation  
Period: 2011 – 2012

Project Title: MgO Cement Development and Research  
Funding Source: Meadows Foundation  
Period: 2011 – 2012

Project Title: ProtoOne Building Project  
Funding Source: Kendeda Foundation  
Period: 2008 – Present

Project Title: Materials Library Advancement and Building Upgrade Center for Maximum Potential  
Building Systems  
Funding Source: Vervane Foundation  
Period: 2006

Project Title: Development of GroHome Building System  
Funding Source: Herman Thun  
Period: 2005

Project Title: Development of Grohome Building System  
Funding Source: Healthy Building Network  
Period: 2005

Project Title: 30<sup>th</sup> Year Preparation and Improvements to the Center for Maximum Potential Building  
Systems  
Funding Source: Vervane Foundation  
Period: 2005

Project Title: 30<sup>th</sup> Year Preparation and Improvements to the Center for Maximum Potential Building  
Systems  
Funding Source: Private donations  
Period: 2005

Project Title: U.S. Department of Energy Solar Decathlon Competition, Washington, DC  
Funding Source: Skaaren Charitable Trust; Austin, Texas  
Period: 2002

Project Title: Environmental Master Plan and Sustainable Architecture for Matagorda Island, Texas  
Funding Source: Conservation Lodge Foundation  
Period: 2001

Project Title: An Agenda for Salmon-Friendly Building  
Funding Source: Bullitt Foundation; Seattle, Washington (add'l \$32,500 funds from City of Seattle)  
Period: 2000 - 2001

Project Title: A Planning Process and Planning Game Using Resource Balancing Procedures  
Funding Source: Educational Foundation of America; Westport, Connecticut Grant No. 2909  
Period: 2000

Project Title: Conceptual Design for Field Station / Residential Dormitory Using Site Rubble, Stone,  
Passive Radiant Heating & Cooling for Texas Nature Conservancy's Dolan Falls Ranch at Devil's  
River  
Funding Source: Skaaren Charitable Trust; Austin, Texas  
Period: 1998

Project Title: Advanced Green Builder Demonstration  
Funding Source: Educational Foundation of America; Westport, CT Contract # 12.12.94 - 1  
Period: 1995

Project Title: Advanced Green Builder Demonstration  
Funding Source: Meadows Foundation; Dallas, Texas  
Period: 1994

Project Title: Alternative Wastewater Systems for the U.S / Mexico Border  
Funding Source: Meadows Foundation; Dallas, Texas  
Period: 1993

Project Title: Housing System for Sustainable Development: A Building System Using Micro-Industrial  
Manufacturing Processes  
Funding Source: Foundation for a Compassionate Society; Austin, Texas  
Period: 1991

Project Title: Sustainable Resource Planning Methods  
Funding Source: Ann R. Roberts Fund; New York, NY  
Period: 1990

Project Title: Environmental Education & Demonstration Center / Advanced Green Builder Demonstration  
Funding Source: The Rachael and Ben Vaughan Foundation; Corpus Christi, Texas  
Period: 1989 - 1994

Project Title: Farmworker Housing Development and Self-Help Training Programs  
Funding Source: Hands Across America  
Period: 1988

Project Title: Laredo Blueprint Demonstration Farm  
Funding Source: Meadows Foundation; Dallas, Texas  
Period: 1989

Project Title: An Ecological Master Plan for Stonehaven Retreat Center; San Marcos, Texas  
Funding Source: Foundation for Compassionate Society; Austin, Texas  
Period: 1986

Project Title: Low Cost Housing for Nicaragua's Atlantic Coast  
Funding Source: Oxfam (England) and Trocaire (Ireland) through CIDCA (Center for the Investigation &  
Documentation of the Atlantic Coast)  
Period: 1984

Project Title: Regionalized Building Methods Research  
Funding Source: Live Oak Fund for Change; Austin, Texas  
Period: 1980

Project Title: Appropriate Technologies for Developing Countries  
Funding Source: Stern Family Fund; New York, New York  
Period: 1980

Project Title: Energy Conservation Work for Low Income Families in South Texas  
Funding Source: Funding Exchange (Circle Fund, Libre Fund, Youth Project)  
Period: 1979 - 1980

Project Title: Regionally Appropriate Housing Design for South Texas' Low Income Communities  
Funding Source: Anchorage Foundation; Houston, Texas  
Period: 1979

Project Title: Earthen Building Materials Research  
Funding Source: Menil Foundation; Houston, Texas  
Period: 1975 - 1977

## **PRIVATE SECTOR PLANNING, ARCHITECTURAL and RESEARCH CONTRACTS**

Principal or Co-Principal Investigator (unless noted) research projects

Project Title: Ecology Action Circle Acres Master Plan  
Funding Source: Ecology Action  
Funding Period: 2012 - 2013

Project: Verano  
Funding Source: Gateway Planning Group  
Period: 2007

Project: Mueller Redevelopment Community; Austin, Texas: Green Urbanism Planning & Development  
Funding Source: Catellus Commercial Development Corporation  
Period: 2004

Project: Escarpment Village; Austin, Texas: Flexible Building System for Resource Integrated Commercial  
Development  
Funding Source: Stratus Properties  
Period: 2004

Project: H-E-B Grocery Store Sustainable Systems Design and Charrette  
Funding Source: H-E-B Grocery Store; San Antonio, Texas  
Period: 2004

Project: H-E-B Grocery Store BaselineGreen™ Materials Analysis  
Funding Source: H-E-B Grocery Store; San Antonio, Texas  
Period: 2004

Project: Meridian Residential Development; Austin, Texas: A Sustainability Overlay  
Funding Source: Stratus Properties; Austin, Texas  
Period: 2003

Project: Ecological Inventory & Planning of 140 acres  
Funding Source: Undisclosed  
Period: 2001-2002

Project: Baja Campus, School For Field Studies; Master Plan with Salt Water Commodes and  
Wastewater Landscape, Solar Electricity, Passive Solar Architecture  
Funding Source: School for Field Studies; Beverly, Massachusetts  
Period: 1997

Project: EcoBalance Planning and Participatory Game for the Eco-Village of Loudoun County Virginia  
Funding Source: Eco-Village of Loudoun County  
Project Value: Undetermined

Project: Shauck Residence; Waco, Texas - Overlaying Life Cycle Processes For the Design of an  
Integrated Resource Conserving Home  
Funding source: Max and Grazia Shauck  
Period: 1995

Project: Camp Val Verde Sustainable Master Plan; Waco, Texas (First master plan to use Life Cycle  
Resource Balance Procedures)  
Funding Source: Camp Fire Kids of Texas - Waco  
Period: 1994

Project: Camp Val Verde Sustainable Dining Hall / Food Production Facility; Waco, Texas  
Funding Source: Campfire Kids of Texas; Waco, Texas  
Period: 1994

Project: Armand Bayou Nature Center Ecological Master Plan and Sustainable Architecture; Houston,  
Texas  
Funding Source: Armand Bayou Nature Center  
Period: 1992

Project: Noland Residence; Lone Pine, CA. California's First Code Approved Straw Bale Residence and  
Interior Natural Wetland for Wastewater Treatment (with San Luis Solar Group)  
Funded Source: Noland Family  
Period: 1992

Project: Carroll College Student Center; Helena, Montana: Feasibility Study / Design for Building Reliant  
on Rainwater Harvesting and Wind Generated Electricity  
Funding Source: Carroll College  
Period: 1991

Project Title: White Horse Elders Lodge Using Sustainably Harvested Wood Timber; West Point, Texas  
Funding Source: White Horse Ranch  
Period: 1988

Project: Carpenter Residence; Manor, Texas: Light Straw Clay, Flyash Concrete, Passive Solar Owner-  
Builder Home, including training workshops  
Funding Source: Carpenter Family  
Period: 1987

Project Title: Gill Residence; Austin, Texas: Conceptual Research and Design for a Passive Solar Heated  
and Cooled Underground Residential Estate Using Water Jet Cut Stone  
Funding Source: Gill Family  
Period: 1987

Project Title: Texas Farm Worker Service Center using Recycled and Regional Materials; San Juan,  
Texas  
Funding Source: United Farm Workers of Texas  
Period 1987

Project Title: Mesquite Floor Manufacturing Feasibility Study  
Funding Source: Rural Ventures Inc.  
Period: 1986

Project Title: Very Low Cost Housing prototypes for the Apache, Navaho and Sioux Indian Nations  
Funding Source: Save the Children; Westport, Connecticut  
Period: 1985 - 1986

Project Title: Master Plan for 220-acre Mixed Use Sustainable Development using Industrialized Building System; Princeton, Texas

Funding Source: Griffin West Residential

Period: 1983

Project: The Great Texas Straw Bale Retrofit – (Straw Bale Greenhouse Addition to Existing Farm Residence designed for passive solar heating and cooling using alternating storage bed)

Funding source: Emeny/Ingalls Family

Period: 1982

Project: Feasibility Analysis: Rammed Earth Complex and Wall Testing

Funding Source: Joe Kownslar – McAllen, Texas

Period: 1982

Project: Passive Solar - Caliche Earth Residential Dormitory for Neglected and Abused Children (Including Earth Block Manufacturing Facility earth testing and set up)

Funding Source: Hill Country Youth Ranch; Ingram, Texas

Period: 1978 - 1980

## DESIGN COMPETITIONS

- 2011 Green Mobility Challenge, “The Living Parkway: An Innovative Plan for the Manchaca Expressway” with Klotz Associates, J. Robert Anderson Landscape Architects and ACI Consulting. Finalist.
- 2011 Living City Challenge, “Plenitude: A Sustainable City for Morocco, 50K population, Energy, Food, Water, Material Balanced.” Semi-Finalist.
- 2009 Buckminster Fuller Challenge: *Beyond the Petroleum Era: A Proto-Cooperative Means for Remineralizing Coastal Regions*
- International design competition to develop innovative building solutions to major social, economic, environmental and cultural issues.
  - Competition sponsored by the Buckminster Fuller Institute
  - November 2008
  - Lead PI: coordinated team of CMPBS staff and Texas A&M students
  - Semi-finalist (one of 27 finalists out of 126 total ideas)
- 2008 Buckminster Fuller Challenge: *BioMosaics – A Life-Cycle Balance Framework to Land Use Planning and Design*
- International design competition to develop innovative building solutions to major social, economic, environmental and cultural issues
  - Competition sponsored by the Buckminster Fuller Institute
  - Fall 2007
  - Lead PI: coordinated team of CMPBS staff and Texas A&M students
  - Semi-finalist (one of 17 semi-finalists out of 158 total entries)
- 2007- 2008 Texas Grow Home Housing for Hurricane Victims Design Competition
- Competition to design “an attractive, expandable, modular, highly affordable single-family housing prototype that can be fabricated quickly and in large quantities in response to both natural disasters and the continuing affordable housing shortage in Texas.
  - Competition sponsored by: Texas Society of Architects, Housing Texas, Texas Low Income Housing Information Service, Covenant Community Capital and Texas department of Housing & Community Affairs.
  - January 2008
  - Role: Co-PI
  - Exhibited at Texas Capital Building in Austin, Texas.
- 2007 99K House Competition

- National competition to design a sustainable housing prototype that can be constructed for less than \$99,000.
- Competition sponsored by Rice Design Alliance and Houston AIA
- January 2008
- Lead PI: CMPBS
- Exhibited at Architecture Center of Houston, Texas
- One of 54 'jury picks' out of 184 entries

2007

Solar Decathlon Competition

- International competition to design and construct an inexpensive zero energy home that can be constructed on the National Mall in Washington DC.
- Lead PI, Coordinated effort of Texas A&M University Team and CMPBS staff
- Competition funded by the US Department of Energy,
- Entry planned in Austin and College Station, Texas and constructed in Washington D.C.
- Awards:
- 1<sup>st</sup> Place: Appliance Category, Department of Energy
- 1<sup>st</sup> Place: AIA Student Choice Award
- 1<sup>st</sup> Place: Student building category, EPA LifeCycle Building Challenge
- 3<sup>rd</sup> Place: Curb Appeal, National Association of Home Builders
- Featured on Sundance Channel "Big Ideas for a Small World" Only entry featured out of 20 total entries

2002

Solar Decathlon Competition

- International competition to design and construct an inexpensive zero energy home that can be constructed on the National Mall in Washington DC.
- Lead PI, Coordinated effort of University of Texas at Austin Team and CMPBS staff
- Competition funded by the US Department of Energy,
- Entry planned in Austin, Texas and constructed in Washington D.C.
- Awards:

**BUILDINGS and BUILDING COMPONENTS: REPORTS**

"H-E-B Baseline Green™ Report," P. Fisk III & Greg Norris, Ph.D., Austin, TX, February, 2004.

"Solar Decathlon: The Center for Maximum Potential Building Systems/the University of Texas School of Architecture Summer Studio," CMPBS Staff and Students. Published in house, 2002.

"GreenForms Report for the Hickory Consortium: A Prototype Building System Based on Unistrut Technology," P. Fisk III. Work Sponsored by the Department Of Energy's Building America Program, 2000.

"GREENFORMS™ Thermal Specifications," Center for Maximum Potential Building Systems, prepared for the U.S. Department of Energy's Building America Program, Austin, TX, March 2000.

"Alternative Paving Strategies for U.S.-Mexico Border Communities: Briefing Paper," Prepared by the Center for Maximum Potential Building Systems for the North American Development Bank, San Antonio, TX, February 2000.

"Life Cycle Balancing: Building Shell, Interiors, & Furnishings Sub-Systems: Nursing and Biomedical Sciences Building, the University of Texas at Houston Health Sciences Center, P. Fisk III and R. MacMath, the University of Texas at Houston Health Sciences Center System, 1999.

"Research/Design Investigations: Environmental Issues for the Nursing and Biomedical Sciences Building, the University of Texas at Houston (Working Draft), Volumes 1 and 2, Patkau Architects, Inc. with Ove Arup, Lawrence Berkeley Laboratories, and the Center for Maximum Potential Building Systems, May 1998.

"Life Cycle Balancing: Air: Oxygen and CO<sub>2</sub>-Balancing Using Plants," P.Fisk III and R. MacMath, for the

Nursing and Biomedical Sciences Building, the University of Texas at Houston Health Sciences Center, 1998.

"National Resource Center: Technical Report for Montana State University at Bozeman," Center for Maximum Potential Building Systems (design consultant), prepared for BNIM Architects, Kansas City, MO, 1995.

"A Building System Using Micro Industrial Manufacturing Processes for First World Revitalization and Third World Development," P. Fisk III and R. MacMath, funded by the Foundation for a Compassionate Society, 1991.

"ABC Building System: An Industrialized Housing Research Proposal, Including Design of Flexible Building System with Participatory Model for Client Input and proposed 'Building Mart,' P. Fisk III and R. MacMath, for the Energy Efficient Industrialized Housing Research Program, Center for Housing Innovation, Contract #DE-FC03-89SF17960, University of Oregon, March 1991

"Original Concept: Laredo Demonstration Farm," P. Fisk III, Report to the Meadows Foundation, 1988.

"Puerto Cabezas Indigenous Housing Project," P. Fisk III, for Centro de Investigacion y Documentacion de la Costa Atlantica. Place.

### **MASTER PLANNING: REPORTS**

"Conceptual Design of a Model Sustainable Village: Guanghan, Sichuan Province, China." Draft, sponsored by the U.S. Department of Energy, prepared for Energy for Sustainable Communities Program, Asia-Pacific Economic Cooperation. Final Master Plan Design by CMPBS, March 2001.

"Bexar County: A Self-Supporting Sustainable Community for Unincorporated Area of San Antonio, Texas," Pliny Fisk III, Bexar County Economic Development Association, San Antonio, TX. Prepared by Center for Maximum Potential Building Systems, 1997.

"Baja Master Plan," P. Fisk III and R. MacMath, School for Field Studies, Baja Del Sur, Mexico, 1996.

"Plan for Camp Fire Kids: Using Life Cycle Master Planning," P. Fisk and R. MacMath, Tejas Council of Campfire, Inc., Waco, TX, July 1994.

"Camp Val Verde: Tejas Council of Camp Fire Master Plan," Center for Maximum Potential Building Systems, June, 1994.

"Griffin West Ecological Land Plan for a sustainable Development," P. Fisk III, Griffin West Residential, Princeton, TX, 1989.

### **POLICY and EDUCATION: REPORTS**

"Establishing National Measurable Goals for Total Quality Building," Final Report. Prepared for the U.S. Environmental Protection Agency, Cooperative Agreement #CR824509-01-1, by the Center for Maximum Potential Building Systems, Austin, TX, March 1998.

"Texas Guide to Rainwater Harvesting," G. Vittori P.I., P.Fisk Support, Texas Water Development Board, in cooperation with the Center for Maximum Potential Building Systems, 1996.

"Working Bibliography: GreenBuild Benchmarks Project (CIESEN, EPA, NIST, CERL), prepared by the Center for Maximum Potential Building Systems, Austin, TX, March 1995.

"Establishing an Organizational Rationale for the American Institute of Architect's Environmental Resource Guide," P. Fisk III, American Institute for Architects/Committee on the Environment Meeting, Seattle, WA, 1993 – 1994.

"Sustainable Building Guidebook for the New State Office Building: A Preliminary Overview," the Center for Maximum Potential Building Systems, prepared for the Texas General Services Commission, Austin, TX, February 1993.

"Architectural/Engineering Guidelines (Revised, 1991)," Center for Maximum Potential Building Systems for the Texas General Services Commission, October 1993.

"Housing System for Sustainable Development: A Building System Using Micro Industrial Manufacturing Processes for First World Revitalization and Third World Development," Center for Maximum Potential Building Systems, Austin, TX, October 1991.

"A Conceptual and Contextual Overview for the City of Austin Green Builder Program: 'Sustainable Rating System,' P. Fisk III and G. Vittori, with funding from the Urban Consortium, Washington, D.C., 1991.

"An Interdisciplinary Research and Education Model for Ball State University." P. Fisk III, January 1988.

"Crystal City Zavala County Energy Plan: Four County Winter Garden Community Energy Plan," P. Fisk III and D. B. Fisk, National Center for Appropriate Technology, Butte, Montana 1978.

#### **TECHNICAL PROCEDURES and TOOLS: REPORTS**

"Charting Common Ground: Salmon and Building," G. Vittori P.I and P. Fisk Support, City of Seattle and the Bullitt Foundation, 2003.

"Seattle Justice Center," P. Fisk III, R. MacMath, and G. Norris, for the City of Seattle, 2000.

"The University of Texas at Houston: Nursing and Biomedical Science Building," University of Texas Health Science Center, P. Fisk III and R. MacMath, 1999.

"Texas Guide to Rainwater Harvesting," Gail Vittori P.I, Pliny Fisk, support, in cooperation with the Texas Water Development, Board, 1997.

"Waste Water Treatment Systems," P. Fisk III, with funding from the Meadows Foundation, 1993.

"The Caliché Report: How to Test and Build Using High Calcium Carbonate Soils Located in the Arid and Semi-Arid Areas of the World," S. Musick, PI, Pliny Fisk III, published in-house, 1978.

"Crystal City Solar Hot Water Heater," P. Fisk III, Funded by the National Center for Appropriate Technology, Butte, Montana, 1975.

"An Appropriate Technology Working Atlas of the State of Texas," P. Fisk III, Funded by the University of Houston, Center For Energy Studies, published in-house, 1974.

#### **PRODUCT/BUILDING DESIGN: PAPERS PRESENTED**

"GREEN FORMS: An Open Building Approach to Affordable/Sustainable Housing," P. Fisk, J. Motloch, P. Pacheco. OB Mexico Conference, Monterrey, Mexico, 2002.

"Eco-Dynamic Architecture and Planning," P. Fisk III, American Solar Energy Society Annual Conference, Albuquerque, NM, 1999.

"Carbon Dioxide Intensity Ratios: A Method of Evaluating the Upstream Global Warming Impact of Long-Life Building Materials," P. Fisk III and R. MacMath, American Solar Energy Society National Conference, Albuquerque, NM, 1999.

- "New Material, New Specification Software and New Building Systems," P. Fisk III, Building Environment and Thermal Envelope Council Fall Symposium, Washington, D.C., November, 1998.
- "The Infinite Life Cycle Grid: The Architecture of Environmental Information in Design, Environment and Economic Balance," P. Fisk III, American Institute of Architects Committee on the Environment, Miami, FL., November 1997.
- "Life Cycle Design Principles for the Architecture and Planning Professions." P. Fisk III, American Solar Energy Society National Conference, Asheville, NC, April 1996.
- "Developing a Design Methodology for Sustainable Systems," P. Fisk III, American Institute of Architects National Conference, 1995.
- "The Texas Recycled Content / Advanced Green Builder Demonstration Home Project," P. Fisk III, American Solar Energy Society Annual Conference, Washington, D.C., 1993.
- "Towards a Theory and Practice of Sustainable Design," P. Fisk III, American Institute of Architects, National Conference, Boston, MA, June 1992.
- "A Sustainable Farm for the State of Texas," P. Fisk III, American Solar Energy Society Annual Conference, Denver, CO, 1989.
- "Coming to Grips with the Systemics of Sustainability," P. Fisk III, American Institute of Architects/Committee on the Environment, Seattle, 1987.
- "A Preliminary Assessment of Industrialized Housing Utilizing Regional Resources: Setting Precedents For a New Industrialization Process," P. Fisk III, Energy Efficient Industrialized Housing Research Program, Center for Housing Innovation, University of Oregon at Eugene, 1986.
- "Mobilizing Human and Natural Resources in Rural Communities," P. Fisk III, American Planning Association Annual Conference, San Antonio, TX, 1985.
- "Towards Sustainable Building: Community Economic Impact Using Indigenous Affordable Housing Strategies," P. Fisk III, Northeast Sustainable Energy Association National Conference, Foxborough, MA., 1985.
- "Availability and Spatial Coincidence of Indigenous Building Materials," P. Fisk III, 2nd Regional Conference on Earthen Building Materials, Tucson, AZ, March 1982.
- "Earth Block Manufacturing & Construction Techniques," P. Fisk III, 2nd Regional Conference on Earthen Building Materials, Tucson, AZ, March 1982.
- "The Future of Indigenous Building Materials," P. Fisk III, Sunpaper, New Mexico Solar Energy Society Annual Conference, Albuquerque, NM, November 1982.
- "At or Near Site Passive Solar Fabrication Utilizing Indigenous Earth Materials", P.Fisk III, National Passive Solar Conference, Kansas City, MO 1979
- "Spatial Distribution and Characteristics of Ten High Mass Earth Materials in Texas," P. Fisk III, 2nd National Passive Solar Conference, Philadelphia, PA, January 1978.
- "The Future of Passive Solar Design: Regionalism and Appropriate Technology," American Solar Energy Society Annual Conference, 1972.

## **MASTER PLANNING: PAPERS PRESENTED**

- "Longju Sustainable Village," China, P. Fisk III, American Solar Energy Society National Conference, Reno, NV, June 2002.

- "GreenForms: An Open Building Approach to Affordable/Sustainable Housing: Mexican Competition for a Flexible Town," P. Fisk III, J. Motloch and P. Pacheco, OB Mexico Conference, Mexico City, Mexico 2002.
- "EcoBalance Planning Game - A New Overlay Land Use Analysis Tool For Planning Of Sustainable Communities", Fisk P., Sustainable Building/Green Challenge 2000, Maastricht, Netherlands, October 2000.
- "EcoBalance: Sustainable Land Use Planning," P. Fisk III and R. MacMath, American Solar Energy Society National Conference, Madison, WI, June 2000.
- "Sustainable Land Use Planning Game," P. Fisk III, Fourth International Conference on Technology Policy and Innovation, Curitiba, Parana, Brazil, 2000.
- " The Eco-Village Game (Balancing Human Life Support Needs With Sustainable Resources)" P.Fisk III American Solar Energy Society National Conference, Albuquerque, NM 1998.
- "Industrial Ecology as a Regional Planning Tool: A New Potential for Economic Environmental Regional Planning," P. Fisk III and R. Ramina, 2nd International Conference on Technology Policy and Innovation, Austin, TX, 1998.
- "NIST: The Seven Principles," P. Fisk III, National Institute of Standards and Technology Building, Montana State University, Bozeman, MT, 1995.
- "Sustainable Cities as Part of a Global Ecology: A Conceptual Framework," P. Fisk III and G.Vittori, Florida House Conference, Sarasota, FL, 1991.
- "Sustainable Cities: Programs and Procedures," P. Fisk III, 1990.
- "Metabolic Planning and Design: How Healthy Buildings Could be the Forerunner of Healthy Businesses, Healthy Cities, and a Healthy Environment," P. Fisk III, New England Solar Energy Association Annual Conference, Greenfield, MA, 1989.
- "Urban Design and Sustainability; City Gate, Enterprise Zones Using Metabolic Planning," P. Fisk III, Massachusetts Institute of Technology Center for Real Estate Development, Harvard University Symposium on Sustainable Enterprise Development Cambridge, MA, November 1988.
- "Integration vs. Conservation: A Renewable Energy Building Block for the 21st Century," P. Fisk III, American Solar Energy Society Annual Conference, 1988.
- "Regional Planning, Urban Design, and Sustainability," P. Fisk III, 1988.
- "Bioregional Planning and Appropriate Technology for Nicaragua's Miskito Indians," P. Fisk III and G.Vittori. Presented in part or in whole at various national and international conferences including a plenary presentation, PLEA (Passive Low Energy Architecture) Mexico City, Mexico 1984.
- "Bio-regions & Biotechnologies: A New Planning Tool for Stable State Economic Development," P.Fisk III. New Perspectives on Planning in the West, 1983.
- "Energy and Resource Planning for Community Economic Development," P. Fisk III, 1981.
- "A Conceptual Approach Toward the Development of Appropriate Technologies," P. Fisk III, American Association for the Advancement of Science Symposium, Washington, D.C., 1978.

## **TECHNICAL PROCEDURES and TOOLS: PAPERS PRESENTED**

- "Life Cycle Space and the Life Cycle Ratio in Planning", Fisk, P., Armistead, D., National Conference on Life Cycle Assessment, Seattle, Washington, September 2003.

- "The Emergence of Life Cycle Space" Fisk, P. Armistead, D., The American Solar Energy Society, Annual Conference, Austin, Texas, June 2003.
- "Shrinking Life Cycle Space Using Food Systems as Example", Fisk, P., Armistead, IC2 International Conference, Monterrey, Mexico, June 2003.
- "Industrial Ecology as a Regional Planning Tool: A New Potential for Economic Environmental Regional Planning," P. Fisk III and R. Ramina, 4th International Conference on Technology Policy and Innovation, Curitiba, Parana, Brazil, 2000.
- "National Input-Output Model As Basis For Planning A Regionalized Industrial Ecology," Fisk P., 4th International Conference On Technology Policy And Innovation, Curitiba, Brazil, 2000.
- "An Infinite Performance Quad-grid GIS Method for Relating Performance from Individual Building to Nation Scale," Fisk P., Dutch Thinktank on Buildings and Infrastructure, Maastricht, Netherlands, October 2000.
- "BaseLineGreen™ and GreenBalance™ using National Input/Output tables for baseline specification to derive new benchmarks for GHG and Criteria Air Pollutions within Building Specification," Fisk P., American Solar Energy Society National Conference, Madison, Wisconsin, August 2000.
- "Key inputs and leverage to green construction projects," Fisk, P., Norris, G.A., J. McLennan, in *Sustainable Building/Green Challenge 2000 Proceedings*, The Netherlands: Aeneas Technical Publishers. 2000.
- "BaselineGreen and GreenBalance: A Step Beyond Sustainability in Building Performance," P. Fisk III and R. MacMath, American Solar Energy Society National Conference, Albuquerque, NM, June 1998.
- "Carbon Dioxide Intensity Ratios: A Method of Evaluating the Upstream Global Warming Impact of Long-Life Building Materials," P. Fisk III and R. MacMath, American Solar Energy Society National Conference, Albuquerque, NM, 1998.
- "GreenBalance: A Complementary Method to BaseLine Green," P. Fisk III and R. MacMath, American Solar Energy Society National Conference, Albuquerque, NM, June 1998.
- "Establishing National Measurable Goals for Total Quality Buildings," P. Fisk III, B. Bavinger, and G. Vittori, American Solar Energy Society, National Conference, Washington, D.C., April 1997.
- "Multi Level Coordination of Low-Cost Community Produced Passive Solar Systems in Crystal City, Texas," P. Fisk III, 4th National Passive Solar Conference, Kansas City, MO, 1979.

## **SELECTED BOOKS FEATURING or REFERENCING WORK**

- Fisk, P. "Creating Sustainable Futures for Southwestern Cities: The ProtoCity Approach in the Ciudad Juarez, Mexico/El Paso, Texas Metroplex". *Design with the Desert: Conservation and Sustainable Development*, Eds. Richard Malloy, John Brock, Anthony Floyd, Margaret Livingston, and Robert H. Webb. CRC Press. 2013.
- Fisk, P. "Prototypes for a Living Future". *Passive Solar Architecture: Heating, Cooling, Ventilation, Daylighting, and More Using Natural Flows*. Eds. David A. Bainbridge and Ken Haggard. Chelsea Green Publishing. 2011.
- Fisk, P. "Introduction: The Evolution of an Architecture in Balance." *The Sourcebook of Contemporary Green Architecture*. By Sergi C. Duran and Julio Fajardo Herrero. New York: Collins Design. 2010.

Fisk, P., "The eco-BALANCE™ approach to Transect-Based Planning: Efforts Taken at Verano, a New

- Fisk, P., "Life Cycle Design, Toward an Ecology of Mind," *Sustainable Healthcare Architecture*. Eds. Robin Guenther and Gail Vittori. Hoboken, NJ.: John Wiley & Sons, Inc. 2008.
- Ryker, Lori, *Off the Grid Homes: Case Studies for Sustainable Living*. Layton, UT: Gibbs Smith. 2007
- Francese, Dora, Ed., *Architettura E Vivibilità* (Architecture and Livability). FrancoAngeli 2007.
- Fisk, Pliny, "The Greening of the Brain," *Biophilic Design: Theory, Science, and Practice*, Eds. Stephen Kellert, Judith Heerwagen, Martin Mador. Hoboken, NJ: John Wiley & Sons, Inc. 2007.
- Fisk, P., J. Motloch, P. Pacheco, R. Ramina. "Innovation and Knowledge-Sharing Across Public and Private Sectors: US-Brazil Sustainability Consortium" *Connecting People, Ideas, and Resources Across Communities*, David Gibson, Manual Heitor, and Alejandro Ibarra- Yunez eds. Lafayette Ind.: Purdue University Press. 2007.
- Crosbie, Michael J. *Architecture for Architects*. The Images Publishing Group Pty Ltd. 2006.
- Haggard, Ken and Cooper, Polly. *Fractal Architecture: Design for Sustainability*. Booksurge Publishing. 2006.
- Wallner, Stefan. *Stigfinnare: innovativt byggande för en hållbar utveckling*. Chalmers. Göteborg 2004.
- Snell, Clarke. *The Good House Book: A Common-Sense Guide to Alternative Homebuilding*. Lark Books. 2004.
- Beard, Tyler. *Lone Star Living*. Bulfinch Press. 2003.
- Angelou Economic Advisors., Austin Energy., IC<sup>2</sup> Institute, University of Texas at Austin., Lower Colorado River Authority., State of Texas State Energy Conservation Office., Vinson & Elkins LLP. *Enrich Economy and Environment: Making Central Texas the Center for Clean Energy*. Austin Energy Clean Initiative and IC<sup>2</sup> Institute, University of Texas at Austin. 2002
- Moore, Steven A. *Technology and Place: Sustainable Architecture and the Blueprint Farm*. University of Texas Press. 2001.
- Motloch, John L., Ph.D. *Introduction to Landscape Design*. 2<sup>nd</sup> Edition. John Wiley & Sons, Inc. 2001.
- Elizabeth, Lynn and Adams, C., Ed. *Alternative Construction: Contemporary Natural Building Methods*. John Wiley & Sons, Inc. 2000.
- Sorvig, Kim and Thompson, J. William. *Sustainable Landscape Construction: A Guide to Green Building Outdoors*. Island Press. 2000.
- Steiner, Frederick. *The Living Landscape: An Ecological Approach to Landscape Planning*. McGraw Hill. 2000.
- Wines, James. *Green Architecture*. Taschen. 2000.
- Jodidio, Philip. *Contemporary American Architects. Vol. IV*. Taschen. 1998.
- Lerner, Steven. *Eco-Pioneers: Practical Visionaries Solving Today's Environmental Problems*. MIT Press. 1998.
- Zelov, Chris, Cousineau, Phil and Danitz, Brian. *Design Outlaws on the Ecological Frontier*. Knossus Publishing. 1997.
- Van der Ryn, Sim and Cowan, S.. *Ecological Design*. Island Press. 1996.

Barnett, Dianna Lopez with William D. Browning. *A Primer on Sustainable Building*. Rocky Mountain Institute. 1995.

Tzonis, A., Lefaivre, L. and Diamond, R. *Architecture in North America Since 1960*. Bulfinch Press. 1995.

Steen, Bill et.al., *The Straw Bale House*. Chelsea Green Publishing Company. 1994.

Thayer, Robert. *Gray World Green Heart: Technology, Nature and the Sustainable Landscape*. John Wiley & Sons, Inc. 1994.

Reece, Ray. *The Sun Betrayed: A Report on the Corporate Seizure of U.S. Solar Energy Development*. South End Press. 1979.

Merril, Richard. *Energy Primer: Solar, Wind, Water and Biofuels*. Delta Special. 1974.

### **MAGAZINE/JOURNAL ARTICLES WRITTEN BY PLINY FISK**

Editorial "Mad Scientists, Rabble Rousers, and Other Thoughtful People," *arcCA: Journal of the American Institute of Architects California Council*, October 2009. *Pliny and 17 others provide editorials addressing problems, practices, and opportunities related to sustainable design and construction. Other contributors include Paul Hawken, Sim Van Der Ryn, Jason McLennan, and Michelle Kaufman.*

"Really Going for it!" *Arcade Journal*, vol, 27.01, Northwest Architectural League, Fall 2008.

"Revitalize. Regenerate. Re-source," *Arcade Journal*, vol. 27.01, Northwest Architectural League, Fall 2008.

"The EcoBalance Approach To New Urbanism and the Smartcode: Efforts Taken at Verano, a New Community and University in San Antonio, TX," *Emergent Urbanism: Evolution in Urban Form, Texas* – prepared for CNU XVI, Austin, TX. April 2008.

"Regional and Beyond," *Texas Architect*, July/August 2008.

"The Conceptual Space Race," *CRIT*, American Institute of Architects Student Publication and Annual Conference , 2003, Pittsburgh, PA.

"Anybody There? Architects, Design, and Responsibility" with Richard MacMath; *Texas Architect*, 1998.

"Floating Options", *The Black Book*; Spring, Publisher, Black book, Eugenia Bone, Editor, 1997.

"Introduction to Green Building Conference '97", *1997 Speaker Proceedings*, The Green Building Conference; IC2, Austin, Texas, 1997.

"Towards A Sustainable Future"; *Micro, Metro, Global: Architecture And The Environment*, 1994.

"The Center for Maximum Potential Building Systems (Max's Pot), *Whole Earth Ecology* – The Best of Environmental Tools & Ideas; December, 1990.

"Plan Map: The wind, water, sun and topography of Region V"; *Spectra*, Volume VI, Number III and IV. 1983.

"Plan Map: The wind, water, sun and topography of Region V"; *Spectra*, Volume VI, Number II. 1982.

"Crystal Clear," with Jo Carol Pierce. *Spectra*, Volume VI, Number II, 1982.

"The Promise of Technology," *Perspecta*, Yale University Press, No. 29.

## MAGAZINE/JOURNAL ARTICLES WRITTEN ABOUT PLINY FISK III

- "Pliny Fisk III: The Appropriate Technologist." *Organic Connections Magazine*. March-April 2013.
- "Population Dynamics, Communication and the Neocortex: Excerpts from a Conversation with Pliny Fisk III." *Arcade Journal*, vol. 30.4. Northwest Architectural League, Fall 2012.
- "Pliny Fisk is 'Out There'." *EcoHome Magazine*. 2012.
- Interview. *Austin HOME Magazine*. February 2012.
- "Towards EcoRegionalism" featuring work of CMPBS. *Zeppelin Magazine*. November 2011
- "Still Causing Serious Commotion" *EcoStructure Magazine*. September 2011.
- "Q&A: Pliny Fisk III & Gail Vittori" *Metropolis Magazine*, Blog. Bellerophon Publications Inc, July 26, 2011.
- "Austin: Green and Red-Hot". *Natural Home Magazine*. January 2011.
- "The G-List" featuring work of CMPBS. *Architecture Magazine Blog*. August 2010.
- US Green Building Council, "15 Years, 15 Stories," insert in *GreenSource*, November/December 2008.
- "A Blueprint for Sustainability," *Texas Construction*, November 2008.
- "Green: Extreme Environmentalist," *Contract Magazine*, July 2008.
- "Q & A with Pliny Fisk," *Urbanland Magazine*, April 2008, vol 67, no. 4.
- "Max's Pot of Green," *SEGD Magazine*, 2008, no. 19.
- "Paperwork: GroHome," *Texas Architect*, Jul/Aug 2007.
- "Visionaries – Pliny Fisk III Gail Vittori Architecture," *Metropolis*, January 2006.
- "Eco-noclast," *Dwell*, Dec/Jan 2006.
- "A View from the Future," *Landscape Architecture*, 2000.
- "The Godparents of Green", *Natural Home*, May/June 2000.
- "Advanced Green Builder Demonstration/State of Texas," *Bises*, Japan, 2000, pp. 160-163.
- "Time Machine", *Custom Home*, Washington, DC, September/October 1999, pp. 72-74.
- "Sustainability", *Texas Architect*, 1998, p. 23.
- "Pliny the Greener", *Architecture*, New York, June 1998, pp. 55-61.
- "Pliny Fisk: On The Cutting Edge," *Environmental Design & Construction*, May/June 1998, pp. 60-64.
- "Desert Bloom," *Architectural Review*, London, July 1997, pp. 54-56.
- "Land Stewardship," *Architecture*, New York, June 1993, p. 103.
- "Austin Pilot Project Wins Green Award," *Architecture*, New York, July 1992, p. 85.

"The Greening of Architecture," *Architecture*, New York, May 1991, pp. 61-63.

"Blueprint for Survival," *Architecture*, New York, May 1991, pp. 64-71.

### **POPULAR PRESS ARTICLES WRITTEN ABOUT PLINY FISK III**

"The Winter the Gas Was Cut to Crystal City," Solar Reflector, Texas Solar Energy Society online newsletter. December 2012.

"Green Building Center Celebrates its 35<sup>th</sup> Anniversary" featuring work of CMPBS. *Austin American Statesman*. November 2010.

"Green Issue" featuring work of CMPBS. *Tribeza Magazine*. July 2010.

"KEYNOTE: THE PIONEER: sustainable design trailblazer Pliny Fisk on the future of building", *Urbanite Magazine*, October 2009.

"Looking Ahead, the Future of Green Building", *Natural Home Magazine*, May/June 2009.  
*Pliny was interviewed along with 5 others in 'Looking Ahead, the Future of Green Building'. Other interviewees were David Orr, Sergio Palleroni, and Sarah Susanka.*

"The Serious Play in Saving the World," *Austin Chronicle*, Vol. 27 No. 33; April 2008.

"35 People Who Will Shape Our Future," *Texas Monthly*, February 2008.

"The Green Power Couple," *Austin Monthly*; April 2007.

"Easy Being Green," *Austin Fit*; March 2007.

"Green Design Trailblazers," *Natural Home*; July/August 2005.

"How Green's Your Building"; *The Good Life*; Issue 73; October 2003.

"Co-director helps build organization that impacts communities worldwide," *Austin American-Statesman*, November 28, 2004.

"Green Building Takes Root In Commercial Sector"; *Austin Business Journal*, Vol. 23, No. 13; June 2003.

"No Place Like Solar Home: UT Students Build Green House in National Contest"; *Austin American-Statesman*, Metro & State section; September 2002.

"What Makes A House A Home?" *New Age Journal*; September 2001.

"Building Maximum Potential"; *New Texas Magazine*; November 2001.

"Pliny Fisk & Gail Vittori" *The Good Life*, Issue 40; January 2001.

"What Will Homes Be Like In 25 Years?" *Popular Science*; September 2000.

"Green Building: The Right Stuff"; *Mother Earth News*; July 2000.

"The Godparents of Green" *Natural Home*; May/June 2000.

"Buildings Made From Waste Materials," *The Futurist*; May 1998.

"The Infinite Grid"; *Metropolis*; December 1996.

"Pliny Fisk III: The Rebar Revolution"; *Designer/Builder*, September 1996.

"Mr. Fisk Builds His Green House"; *The New York Times*; February 15, 1996.

"Arch-Subversive"; *Austin Chronicle*, Vol. 14, No. 44; July 1995.

"From Fringe To Center"; *Austin Chronicle*, Vol. 13, No. 34; April 1994.

"First California Approved Straw-Bale Construction"; *Earthword Magazine*, Issue Number 5; 1994.

"Advances in Texas: Sustainability Gets 'Green Lite'"; *Earthword Magazine*, Issue Number 5; 1994.

"Building for the Future," *Austin-American Statesman – Lifestyle Focus Section*; October 27, 1992

"Sustainable Design': Hot Topic for Architects," *Christian Science Monitor*, June 30, 1992.

"Technology Exposed." *Landscape Architecture*, May 1992.

"Israeli Farm Methods Help Texans" *Christian Science Monitor*, March 2, 1989.

"What does a small, poverty-plagued town do when its only supplier shuts off the natural gas?" *A.T. Times*, vol. 1 no.3; June/July 1980.

## **TELEVISION, RADIO PROGRAMS, and FILMS FEATURING or REFERENCING WORK**

*Innovation is Madness*, produced by Kontent Films and directed by Mar Decena. Submitted to GE's Focus Forward Filmmaker Competition. *Features an interview with Pliny at Center for Maximum Potential Building Systems as he discusses his philosophy on the innovation necessary in our ecological present.* 2013.

Sustainability Television Interview at Living Future, Seattle. *Pliny spoke on the topic of innovative wastewater treatment strategies.* 2011.

Shades of Green Radio. Featured with Gail Vittori "Thinking Forward, Looking Back 35 Years.", 2010.

CNN International, Going Green: Eco-Pioneers. *Pliny is featured along with four others in the CNN special. Filming occurred August 21 and September 4 onsite at CMPBS. Others featured in the series were Dr. Ravendra Singh, Geoff Lawton, Ali Hewson, and Douglas Tompkins.* October 1-7, 2009.

Sundance Channel, Big Ideas for a Small Planet – feature on 2007 Solar Decathlon. April 2008.

Wisconsin Public Radio, Here on Earth – Radio Without Borders. November 6, 2007.

Blue Storm Tele of Quebec, Canada. Television Interview: *Les Citadins des Futur.* 2007.

PBS, *Planet Neighborhood*, one-hour special hosted by Bill McDonough, September 8, 1997.

## **BOOKS and COMPENDIUMS**

### **CMPBS: 35 Years of Serious Commotion**

A compendium of 35 years of projects by the Center for Maximum Potential Building Systems from 1975 to 2010. Projects are organized into Policy, Protocols and Prototypes.

Status: Published by CMPBS 2010, 2nd Edition in negotiation with UT Press.

## **BOOKS and COMPENDIUMS IN PROCESS**

## **GREEN MASTERS – Pliny Fisk III: Creating a Maximum Potential Future**

*Lesson from a Green Master* is a biography written by Sam Martin on the influential role Pliny Fisk has had in the origin and evolution of the Sustainable Architecture and Planning movement in the U.S.

Status: Ecotone Press (anticipated publish date: 2013)

## **Urban Ecology**

The Hackensack Meadows – A Case Study in the Development of a Planning Method for an Urban Ecology. Originally written for a double masters degree in architecture and landscape architecture, the purpose of this book will be to point out the wide range of significant work that is required to solve nature's imbalances when addressing large complex urban environments. The conclusion of this book will propose a sustainable alternative to the present proposal for the World Trade Center as a result of this original master degree research.

Status: Written – still requires illustrator and a publisher

## **PATENT APPLICATIONS**

- 2013 U. S. Provisional Patent Application Serial No. 61/801,367 entitled "A Foamed Flat Form Building System". Vincent & Elkins LLP attorneys.
- 2013 U. S. Provisional Patent Application Serial No. 61/794,110 entitled "Traffic Air Cleaning Apparatus with Solar Electricity". Vincent & Elkins LLP attorneys.
- 2013 U. S. Provisional Patent Application Serial No. 61/800,010 entitled "Village in a Box". Vincent & Elkins LLP attorneys.

## **UNIVERSITY INTERN MENTORING - ASSOCIATED COLLEGES AND UNIVERSITIES**

Amherst University  
Arizona State University  
Art Institute of Chicago  
Ball State University  
Bard College  
Bennington College  
Brown University  
Catholic University  
Clemson University  
Columbia University  
Ecole d'Architecture de Paris-Val-de-Marne  
Evergreen State University  
Furman College  
Georgia Tech  
Goddard College  
Hampshire College  
Harvard University  
London School of Economics  
Louisiana State University  
Massachusetts Institute of Technology  
Montana State University  
Mississippi State University  
Northland College  
Oberlin College  
Prescott College  
Princeton University  
Rhode Island School of Design  
Rice University  
Saint Edward's University  
Stanford University

Syracuse University  
Technische Universität Berlin  
Instituto Tecnológico De Monterrey  
Texas A&M University  
Texas Tech University  
Universidade Federal Do Paraná  
University of California, Berkeley  
University of Cincinnati  
University of Colorado, Boulder  
University of Edinburgh  
University of Kansas  
University of Las Vegas  
University of Nebraska  
University of New Mexico  
University of Oregon  
University of Texas, Austin  
University of Texas, San Antonio  
University of Virginia  
Vanderbilt University  
Washington University

In addition, CMPBS has had numerous international student interns from France, Germany, Slovenia, Slovakia, and Scandinavia.