

Patrick Farley, AIA/LEED

Professional Background

As founding principal of Watershed Architects, Patrick Farley is a licensed architect with over 25 years of involvement in the building field, including the founding of two firms prior to his current practice. In addition, as a long-time advocate of renewable energy development, Patrick is also the founder and owner of a solar energy company, Sunflower Solar (2005). While his extensive background includes commercial, educational, and cultural/institutional projects, his expertise and passion lies in residential design and construction (Watershed is design-build firm holding a class 'A' general contracting license), ranging from custom homes to multifamily development and a particular emphasis on affordable housing and universal design. He has served as a workshop facilitator on integrated, high performance "green" design projects for both small organizations as well as municipalities such as the City of Norfolk, Virginia and Dayton, Ohio. His work includes support of non-profits such as Habitat for Humanity, The Better Housing Coalition, Community Housing Partners, Norfolk Environmental Commission, Science Museum of Virginia, Children's Museum of Richmond and the Virginia Living Museum, for which he designed a permanent exhibit that exposes over 250,000 people a year to the principles of sustainable design and building. He is also currently working with the James River Association and the U.S. Fish & Wildlife Service to develop an environmental education center with an emphasis on immersing inner city children in learning about the natural world. In the interest of supporting ecological literacy, he also regularly gives public presentations on the subject of ecological design and green building practices, and has been a frequent lecturer at local elementary & high schools and Virginia Commonwealth University. He has been a supporter and member of numerous environmental organizations over his career and, in 2001, he observed the need to advance the broader discussion of environmental and social progress and founded a small discussion group known at the time as the *Healthy Communities Forum*; this organization later gave birth to what is now known as the **James River Green Building Council (JRGBC)**, the first Virginia chapter of the USGBC.

In the context of an integrative process, Patrick operates with respect to the fact that *true* human sustainability is inherently an ecologically-bound endeavor that must balance our basic need for shelter and sustenance with those of the living systems on which we depend. As such, he has been an avid student and practitioner of permaculture design (an approach to designing human settlements and agricultural systems that mimic the relationships found in natural systems) and natural building techniques, including strawbale/earth plaster systems. Furthermore, his approach to architecture is underpinned by the belief that aesthetic quality and technical performance should be inseparable and indistinguishable as a product of holistic thinking and an uncompromising commitment to good design. Patrick was the first LEED-accredited architect in the

Central Virginia region and designed the first commercial grid-tied solar energy system in Richmond; prior to that, he engineered and installed his own home's photovoltaic system, which was the first residential grid-tied installation to be activated in the City and has delivered an average of 45% of his family's electricity since being activated in 2007.

Education University of Virginia, Master of Architecture, 1993
Studies focused on environmental ethics, sustainable development, community planning & preservation

University of Virginia, Bachelor of Science, Architecture, 1988

**Registrations/
Certifications**

Licensed Architect, Virginia (1995), NCARB Certified

Dominion Virginia Power Energy Efficiency University (1999)

LEED 2.0 Accredited Professional (2001 – 1st accredited architect in central Virginia)

American Lung Association, "Health House" certification (2003)

Bau-Biologist Training- - International Institute for Bau-Biologie and Ecology (2003)

Photovoltaic System Designer Certification - - Solar Energy International (2006)

Virginia Class A licensed general contractor (2010)

**Memberships/
Activities**

U.S. Green Building Council (USGBC), 2000 – present

Founder, Healthy Communities Forum, Richmond, Va. (2001)

Founding member & Past Vice Chair, James River Chapter of USGBC (2003 - 2008)

Past Treasurer & Vice Chairman, Virginia Sustainable Building Network (2003 – 2010)

Advisory Board, VSBN SMART Building Directory (2008 - present)

Board of Directors, Virginia Solar Energy Association (2007 - present)

James River Association, Presquile National Wildlife Education Center Task Force (2008 - present)

Universal Design consultant, Virginia Housing Development Authority (2008 - present)

International Sustainable Development, Inc., Advisory Board member (2008 - present)

Member, Science Museum of Virginia, Rice House Design Team, (2008 - present)

American Institute of Architects, Virginia Society, James River Chapter

American Institute of Architects, Committee On The Environment (COTE), *1995 - present*

American Solar Energy Society (ASES), *2000 - present*

Energy and Environmental Building Association (EEBA), *2001 - present*

Wintergreen Nature Foundation, Wintergreen, Va., Building Committee, *1996-99*

Chesapeake Bay Foundation, *1993 - present*

Waterkeeper Alliance, *2004 - present*

James River Association, *2000 - present*

Rainforest Alliance, *2000 - present*

The Nature Conservancy, *1995 – present*

Sierra Club, *2006 - present*

Richmond Waldorf School Board of Trustees, *2000 – 2004*

Children & Nature Network, *2007 – present*

Virginia Society AIA, Honors Committee, *2010 -*

Leadership

Habitat for Humanity, 'Christmas In April', Charlottesville, VA., Job Captain, 1992

Organizer/Facilitator, Norfolk Environmental Commission/Ernie Morgan Environmental Action Center's Integrated Design Workshop, 2004

Co-developer/Co-facilitator, City of Dayton, Ohio, Green Design Workshop (in collaboration with E-Squared, Inc. + Siteworks Studio, Charlottesville, Virginia), 2004

Member, Virginia Sustainable Future Forum (2004 – present)

Advisor + Juror, Alliance For The Chesapeake Bay's Green Roofs Grant Challenge (2005)

Steering Committee, Virginia's Sustainable Future III Summit 2005, Richmond, Virginia

Creator/Facilitator, Virginia's Sustainable Future III 2005 Symposium, "Living Architecture: Green Roofs and Human Habitats"

Sustainable Community Design Program Steering/Development Committee, Virginia Commonwealth University, 2006 - present

Speaker, "Shades of Green", Sierra Club, Falls Of The James Chapter, November 2006

"Shades of Green" Lecture to Richmond area high school students/future architects, February 2006

"Design in the New Age of Ecology" Lecture, Tuckahoe Library community education lecture series, June 2006

"Design as Manifestation of Human Intention" Lecture, International Furnishings & Design Association, March 2007

Co-Developer and Moderator, "Re-Nature By Design" Symposium, Lewis Ginter Botanical Gardens, September 2007

Public Lecture, "Solar 101: Harnessing the Power of the Sun", Richmond Vegetarian Society, October 2007

Guest Speaker, Richmond Chapter of NARI, January 2008

Guest Speaker, "Design for the Ecological Age", Science Museum of Virginia, February 2008

Guest Speaker, "Grasping Green", Sustainable Design Educators' Workshop, Virginia Center for Architecture, May 2008

Speaker, "Healthful Historic Preservation", Conserve Historic Henrico workshop series, October 2008

Speaker, "21st Century Architecture - - Toward Living Buildings", Science Museum of Virginia, October 2008

Speaker/panelist, "Living With The Planet" series, *Alternative Energy*, The Wintergreen Nature Foundation, March 2009

Speaker/panelist, "Green Design for Buildings, Exhibits and Landscapes", Virginia Association of Museums Conference, March 2009

Guest panelist, WRIR radio program, *Quid Pro Quo*, "Sustainability in the Workplace", March 2009

Speaker, James River Green Building Council, CityGreen Luncheon Series, "Walking the Walk: Sustainability Through Design Practice", March 2010

Teaching

Lecturer, "Green Building 101", Chesterfield Technical Center, March 2009 + 2010

Lecturer, "Green Building 101", John Tyler Community College, October 2008

Lecturer, Governors School students, Virginia Center for Architecture, Green Architecture, February 2008

Design Juror, Introduction to sustainable architecture/design, Maggie Walker Governor's School, 2007

Lecturer, Math & Science Center (5th + 6th graders), Green Architecture, June 2007

Lecturer, VCU Interior Design Department, Sustainable Design, September 2007 - present

Lecturer. VCU Graphic Design Department, Sustainable Business/Design, September 2007 - present

Natural building and solar energy, Richmond Waldorf School (3rd grade) Spring 2006

Lecturer, VCU Art Department, Sustainable Design, April 2006

Teaching Assistant, "Building Systems & Construction", UVA, 1992

Teaching Assistant, 4th Year Architectural Design, UVA, 1991-93;

Publications

New Technology: New Architecture by William & Thomas Zuk, contributed conceptual sketch work for book of futurist technological speculation, 1991

Virginia Department of Historic Resources Newsletter, guest columnist - green building & preservation, summer 2004 issue

Virginia Review, "Responsible Government – Stewardship through the 'Greening' of Public Assets and Services", 2004

Virginia Review, "Building Heritage – Enhancing Stewardship through the 'Greening' of our Tourism Infrastructure", 2004

Columnist, R-Home Magazine, "Eco-Living", 2009 – present

Awards

AIA, Richmond Chapter Honor Award for Design Excellence, Rappahannock House, Deltaville, Va. 2008

Muse Awards Finalist, Virginia Museum of Fine Arts, 2008

Go Green Merit Award, James River Green Building Council, Littlemore (residence), 2007

Virginia Green Innovation Award - - "Top Green Designer", Virginia Sustainable Building Network, 2006

Go Green Merit Award, James River Green Building Council, Ernie Morgan Environmental Action Center, 2005

AIA, James River Chapter Merit Award for Design Excellence, Ernie Morgan Environmental Action Center, Norfolk, Va., 2005

AIA, James River Chapter Honor Award for Design Excellence (while at SMBW Architects), Wheat Innsbrook Center, Glen Allen, Va., 1998

References

Mr. Bill Street, Executive Director
James River Association
804-730-2898

Mr. John Deuel, Executive Director
Norfolk Environmental Commission
757-441-1347

Mr. Fred Farris, Deputy Executive Director
Virginia Living Museum
757-534-7412

Mr. Doug Coleman, Executive Director
Wintergreen Nature Foundation
434-325-7452

Mr. Rich Conti, Executive Director
Science Museum of Virginia
804-864-1499

Mr. T.K. Somanath, Executive Director
Better Housing Coalition
804-644-0546

Mr. Sidney Gunst, Developer
Innsbrook Associates
804-347-4774