

# **Thomas R. Wood, AIA, IES**

## **Professor**

## **Director, Integrated Design Lab-Bozeman**

## **Full-Time**

### **Education and Degrees**

Master of Architecture, University of Colorado, Boulder, 1975

Bachelor of Architecture, University of Michigan, Ann Arbor, 1972

### **Teaching Experience**

Montana State University-Bozeman, School of Architecture, Professor, 1990 to present

Montana State University-Bozeman, School of Architecture, Director, 1990-1995

University of Florida, Department of Architecture, Associate Professor, 1987-1990

Montana State University-Bozeman, School of Architecture, Associate Professor, 1982-1987

University of Idaho, Department of Architecture, Assistant Professor, 1976-1982

University of Colorado, School of Architecture, Graduate Teaching Assistant, 1974-1975

University of Michigan, Department of Architecture, Laboratory Assistant, 1970-1972

### **Registration**

Architectural Licenses: Colorado (1976), Montana (1982)

### **Professional Memberships**

AIA, NCARB, IESNA

### **Research/Creative Activities**

Director, Integrated Design Lab-Bozeman, Northwest Energy Efficiency Alliance, 2005-Present

Visiting Professional, National Renewable Energy Laboratory, Summer 2000

\$20,000 grant from NIST for daylighting studies of the MSU EPICenter, Summer 1999

\$11,617 grant from the National Renewable Energy Laboratory, Golden, Colorado, "Solar Energy in Building Technology", 1998

\$89,000 grant from the National Renewable Energy Laboratory, Golden, Colorado for a study into the human health and productivity benefits of daylighting, awarded January 1997

\$5,000 grant from the Office of Research and Creativity, Montana State University for participation in the formation of a Northwest Consortium of Architecture and Engineering Schools, Summer 1994

\$2,000 grant from the Montana Department of Natural Resources and Conservation for the purchase and evaluation of building energy and lighting simulation software, Summer 1994

Selected to receive the Photovoltaic Educational Resource Package from the Association of Collegiate School of Architecture, Summer 1994

\$10,000 grant from DOE, administered through the Florida Solar Energy Center, to evaluate daylighting and electric lighting energy performance in hot/humid climates using the DOE-2.1c computer program, Summer, 1989

\$7,500 grant from the Montana Department of Natural Resources and Conservation to develop five, two-day passive solar design workshops throughout Montana (with Robert Meeker and Michael Vogel), 1984

### **Publications, Lectures and Exhibitions**

Presentations to design firms – daylighting, climate-responsive design and integrated design

"Computer Energy Simulation: Bridging Between Fenestration Design, Lighting Design and Total Building Energy Performance," Thomas R. Wood, ACSA Technology Conference, Harvard University, February 14-17, 1991

“Comparison of Energy Savings Potential of Various Commercial Lighting Strategies in Miami, Florida,” Thomas R. Wood, Florida Solar Energy Center, December 1989. Paper describing this work accepted by the International Daylighting Conference, Moscow, Russia, October 1990

“Integrating HVAC System Design and Analysis in a Graduate Architectural Studio,” Gary W. Siebein and Thomas R. Wood, presented by Thomas R. Wood at the 1989 ASHRAE Annual Meeting, Vancouver, B.C., June 1989

### **Academic & Professional Honors**

First place, Montana Affordable Housing Competition, Homes under 1200 SF, Summer 2000

First place in two categories, 1989 Florida Solar Energy Center’s “Energy-Efficient Home Design Competition,” \$4,000 total prize, May 1989

First place, Interior Remodeling Category and runner-up to the Grand Prize, “1987 Better Homes and Gardens Remodeling Competition,” \$5,000 prize, April 1987

Third place, “National Passive Solar Design Competition,” Wichita, Kansas, \$250 prize, 1983

First place, multi-family category, “Passive Solar Design Competition,” Solar Age magazine and the American Gas Association, designed with James Mitchell, \$2,000 prize, July 1983

Third place, “Teaching Passive Design in Architecture,” Association of Collegiate Schools of Architecture, research project with James Mitchell, \$2,000 prize, July 1983

### **Professional Experience**

General practice of Architecture, 1981-Present

Wood/Morabito, Moscow, Idaho, 1979-81

Anderson-Mason-Dale Architects, Denver, Colorado, 1975-76

Arthur H. Bush and Associates, Draftsman, Denver, Colorado, 1972-75

Work Exchange Student, IAESTE Program, Copenhagen, Denmark, summer 1971

### **Service**

Regional Chair, NCARB Region 5, 2006-Present

NCARB National Committees:

2007-IDP-AC, IDP Task Force, Regional Chair

2006-IDP, IDP Core Competency, Regional Chair

2005-ARE Graphic II Committee

2004-ARE Graphic II Committee

University P & T – 2004-2006

Montana Board of Architects, 2001-2007, President, 2006-2007

Board of Directors, Performing Arts Center, Bozeman, 2000

Donated Services for Affordable Housing Design for HRDC, 1994

Member, Energy Advisory Board, City of Gainesville, Florida, 1988-1990

NCARB Licensing Exam Grading Coordinator, Site Design, 1984-1987