

**Professional
Registration
& Education**

California Licensed Architect, C26577

Certified Energy Analyst, CEA, R05-06-705 and NR05-06-763

Bachelor of Architecture Degree

California Polytechnic, San Luis Obispo, CA, 1991

AMES – Applied Mathematics and Computer Science

UC San Diego, San Diego, CA, 1986

**Project
Experience**

In Balance Green Consulting. The projects below include some or all of the following services provided by Jennifer Rennick: Energy modeling and analysis, consulting and optimization; Title 24 compliance; daylight analysis; LEED certification services; lighting and mechanical systems analysis.

alGOOD Winery
Palo Alto Bowl Hotel
Niner Wine Estates
Lambda Chi Alpha Fraternity
Union St. Building-City of Santa Cruz
Burroughs High School
Long-Bonetti Ranch
San Luis Obispo Eye Associates
Lompoc Children's Library
Naval Working Dog Facility
Front Porch Student Housing
Central Coast Door & Window
Numerous residential projects
See Firm Profile for additional descriptions.

The following projects were completed under the firm *Jennifer Rennick, Architectural Design and Energy Consulting*, prior to 2008. Consultant to architectural design firms, owners and builders. Architectural practice specializing in passive solar design, whole building energy use, and sustainability master planning. Energy use optimization for over 40 residential and commercial projects.

- *Juvenile Hall Replacement Project, San Francisco Juvenile Probation Department, San Francisco, CA. Architects: The Design Partnership and Del Campo Maru, San Francisco, CA.*
- *Grossmont Hospital Addition, San Diego, CA. Architects: The Design Partnership, San Francisco, CA.*
- *San Luis Obispo Botanical Garden, San Luis Obispo, CA. Architect: Habitat Studio and San Luis Obispo Sustainability Group. San Luis Obispo, CA.*
- *Domaine Alfred Winery, Pults and Assoc. Architects, San Luis Obispo, CA.*
- *Camp Ocean Pines Arts Camp, Cambria, CA. Architect: San Luis Obispo Sustainability Group, Santa Margarita, CA.*
- *Trust for Hidden Villa, Education Center, Los Altos, CA. Architect: San Luis Obispo Sustainability Group, Santa Margarita, CA.*
- *Mary Graham Children's Shelter, San Joaquin County, French Camp, CA.*
- *BPM Radiant Floor Heating Tenant-Improvement Project, San Francisco, CA.*

Building type: office. Architect: Douglas Burnham / Architecture, Berkeley.

- *RRM Tenant Improvement Project*, RRM Architecture and Planning, San Luis Obispo, CA. Architect: RRM Architecture and Planning.
- *John Deer Dealership*, Wilson's Heavy Equipment, Plattsburg, NY. Tenant Improvement / Owner Builder.
- *Kardel Law Tenant Improvement*, San Luis Obispo, CA. Remodel for Peter M. Kardel Councilor at Law

Teaching experience

University Lecturer. *California Polytechnic State University*, San Luis Obispo, Architecture Department, Environmental Controls Systems, ECS. Teach building energy use, mechanical and electrical systems and daylighting strategies. 1996-2002.

Guest Lecturer. *Cal Poly Extended Education Permaculture Course*, San Luis Obispo, 2001. Instructor: Larry Santoyo. Discussed sustainable architecture: energy, water and material use.

Guest Lecturer and Workshop Leader. *Permaculture Institute*, Woodside, CA, 1999. Slide show highlighting straw bale construction and passive solar architecture. Lead students through a one-day workshop on the basics of solar geometry and site selection.

Professional presentations and publications

Co-author. Chapter: *Natural Conditioning of Buildings*. Authors: K. Haggard, P. Cooper and J. Rennick. Book Title: Alternative Construction, Contemporary Natural Buildings Methods, editors Lynn Elizabeth and Cassandra Adams, Wiley, 2000.

Speaker. *American Solar Energy Society*, 24th and 25th National Passive Solar Conferences, Forums: Defining Sustainability, 1999 and 2000.

Speaker and author. *American Solar Energy Society*, 23rd National Passive Solar Conference, Building Components Division 1998. Title: Comparative Study of Passive Solar Building Performance and Building Materials for Six Climate Zones. Author: J. Rennick. Paper published in Conference Proceedings.

Speaker. *American Solar Energy Society*, National Passive Solar Conference, 1989. Forum topic: Sustainability Performance Standards.

Speaker and author: *American Solar Energy Society*, National Passive Solar Conferences. Building Components Division, 1996 and 1997. Topics: Strawbale Construction and Passive Solar. Papers published in Conference Proceedings.

Continuing education

Sustainable Building Industry Council and Collaborative for High Performance Schools. Participant of workshop for architects, engineers and school facilities managers, Long Beach, CA, 2000. Seminar topics included daylighting and fenestration, electrical lighting and controls, indoor air quality, material selection and surfaces, HVAC systems and natural ventilation, and performance ratings. Sponsored by Southern California Edison, the California Energy Commission, PG&E, U.S. DOE, and U.S. EPA.

Society of Building Science Educators, SBSE. Taos, NM, 1998. 3-day training on passive solar architecture, and building thermal performance.

Permaculture Institute. Participant of week-long lecture series and hands-on design workshop, Halfmoon Bay, CA, 1997. Design to incorporate the natural environment, agriculture, gardens, watersheds, waste and water treatment, and energy production.

SBSE. Santa Barbara, CA, 1997. Three day training Session. Seminar topics included building thermal performance, electric lighting and fixture design, and solar sun geometry and shading.

SBSE. University of California Berkeley, 1995. Selected participant of summer Training Session, Vital Signs Curriculum Materials Project. Sponsored by The Energy Foundation, PG&E, and the US Department of Energy. Emphasis on field measurement protocols, energy use and computer thermal performance, HVAC systems, interior illuminance and daylighting.

Professional membership

American Solar Energy Society, ASES. Technical Review Committee for Conference Proceedings, 1998 and 2000. Chair of Sustainability Division, 1999 and 2001. Member since 1989.

Society of Building Science Educators. Member since 1995.

California Association of Energy Consultants, CABEC. Member since 2006.

Professional activities

Board of Director. *Deep Ecology Center*, Terra Foundation. Non-profit organization dedicated to community education about ecology, bio-dynamic gardening, life skills, and our spiritual connection to them. 2001-2002

Member Ethics and Membership Concerns Committee. *American Solar Energy Society*, ASES 2001-2003

Symposium Organizer. Sponsored by *Sustainability Building Council* and *Communities United for Sustainable Progress*, for Earth Day 2000, San Luis Obispo, CA. Thesis: Green Builders Program for SLO County. Keynote speaker Doug Seiter of Austin Green Builders Program and Colorado State Green Builders Program.

Chair of Sustainability Division. *American Solar Energy Society*, ASES 1999-2002.

Vice-Chair of Sustainability Division. ASES 1998-99.

Member Technical Review Committee. ASES, 25th National Passive Solar Conference 2000 and ASES, 23rd National Passive Solar Conference 1998. Abstract review, paper selection, and conference session organization.

Forum Organizer. ASES, 25th National Passive Solar Conference, Forum: Defining Sustainability, 2000. Thesis: Sustainability Defined through Example. Five speakers, each present a subtopic of sustainability.

Board of Director. *Communities United for Sustainable Progress*, CUSP. Non-profit organization dedicated to community education about sustainability and the natural, political, economic, and social environment. 1999.

Forum Organizer. *American Solar Energy Society*, 24th National Passive Solar Conference, Forum: Defining Sustainability, 1999. Thesis: Sustainability Defined through Example. Five speakers, each present a subtopic of sustainability at differing scales while tying their topic back to the larger whole.

Awards

Charles A. Mainini Memorial Award. Obispo Beautiful Association. 2001. Kardel Residence, single family remodel and addition, San Luis Obispo, CA.

Best Paper. American Solar Energy Society. Member of five-person award winning team. Award given for presentations at the 1989 ASES Conference. Topic: Sustainability Through Theory, Education, Architectural Practice, Politics and Policy, and Guidelines.

Winning Entry. International Sustainable Communities Competition, American Institute of Architects. Member of award winning team, 1994. Title: Los Osos, a Sustainable Community within a Sustainable Watershed. Published in the magazine *Places*.