

Elizabeth Gillmor

Elizabeth@energetics-eng.com

c 303.619.0091

EDUCATION

University of Colorado: BS Architectural Engineering with specialty in Illumination, Minor in Applied Math (1997)

PROFESSIONAL DESIGNATIONS

- ◆ Professional Engineer - Colorado and Louisiana
- ◆ Lighting Certified (LC) by the National Council on Qualifications of Lighting Professionals
- ◆ LEED Accredited Professional (LEED AP) since 2008

EXPERIENCE

Energetics Consulting Engineers, LLC

President (2/2015 - Current)

Energetics' mission is to provide energy and daylighting solutions to building owners and design teams. Elizabeth is a nationally recognized expert in the field of energy modeling, lighting and daylighting, and her design experience and technical knowledge come together to find creative, timely, and cost-effective solutions for her clients. Our primary services include energy and daylighting consulting, LEED documentation, model calibration, and energy code consulting and compliance documentation.

- Modeling expertise: eQuest, OpenStudio, EnergyPlus, AGi32, Radiance, Ecotect, DAYSim
- Programming experience: Visual Basic, Ruby, FORTRAN

Group14 Engineering, Inc.

Building Energy Analysis Manager (9/2009 - 2/2015)

- Managed team of 10 energy, lighting, and daylighting consultants
- Led Group14's work with Xcel Energy's "Energy Design Assistance" (EDA) program; projects awarded over \$2 million in utility incentives
- Project manager and energy/daylighting consultant for over 100 projects
- Commissioning for lighting and daylighting systems
- Provided LEED documentation for 30+ projects (EAc1, IEQc8.1)
- Energy code compliance documentation for residential and commercial buildings

186 Lighting Design Group

Senior Lighting Designer (3/2008 - 9/2009)

- Lead lighting designer for high-end residential and boutique commercial lighting design projects
- Lighting energy efficiency specialist

White Lighting Design, Inc.

Senior Lighting Designer (1/1999 - 3/2008)

- Lead lighting designer for high-end residential projects
- Designed custom lighting fixtures
- Lighting controls design, programming and commissioning

M-E Engineers, Inc.

Lighting Designer (12/1997 - 1/1999)

- Lighting designer for stadiums and arenas

LEADERSHIP & AWARDS

- Elected Board member of International Building Performance Simulation Association (IBPSA)
- Volunteer Energy Consultant for the 2014 Design by Community – affordable housing design charrette

- Committee Chair of the Illuminating Engineering Society of North America (IESNA), Energy Management - Lighting Upgrade Seminar
- Active member of the IESNA Daylighting Committee
- IESNA Lighting Design Award of Merit - Basalt Residence (2009)
- Selected judge for IESNA Illumination Awards
- Invited judge for the International Association of Lighting Designers - Enlighten Awards (Sustainability)

PUBLICATIONS & RECENT SPEAKING ENGAGEMENTS

- Lightfair International, 2015 - *LEED v4: It's Not Just About HVAC Anymore*
- Rocky Mountain ASHRAE Conference, 2014 - *Energy Modeling: What It Is, and What It Isn't*
- IESNA - *IES LEM-3 Seminar: Lighting Upgrades* - Committee Chair, led seminar creation
- AIA Colorado, 2014 - *Designing to the 2012 IECC*
- USGBC Rocky Mountain Green, 2014 - *Lamar Station Crossing Building Tour and LEED ND*
- Lightfair International, 2013 - *Commissioning Lighting & Daylighting Systems*
- USGBC Rocky Mountain Green, 2012 - *Daylighting for Real Life*
- IALD Enlighten, 2012 - *Energy Modeling: Capturing and Communicating Lighting Energy Savings*
- Lightfair International, 2012 - *Energy Modeling: What All Lighting Professionals Need to Know*
- *A Study of the Impacts of Residential Skylights in Different Climates*, 2012 (E. Gillmor, S. Reilly)