



AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Colorado

AMERICAN COUNCIL
OF ENGINEERING COMPANIES
OF COLORADO
800 GRANT STREET, SUITE 100
DENVER, CO 80203

SONDRA DONNEL
EXECUTIVE DIRECTOR

PHONE (303) 832-2200
FAX (303) 832-0400
SANDYD@ACEC-CO.ORG

WWW.ACEC-CO.ORG

üLI CREATIVE LLC
6638 W. OTTAWA AVE., SUITE 100
LITTLETON, CO 80128

PR CONSULTANT
ADRIENNE THIELE

PHONE (303) 971-0134

NEWS RELEASE

Released by üli Creative LLC Public Relations 303.971.0134 www.ulicreative.com

For Immediate Release

March 6, 2006 – 4 pages

**ENGINEERS WEEK 2006 COMES TO CLOSE – ENGINEERING COUNCIL
HONORS OUTSTANDING COLORADO’S OUTSTANDING WOMEN IN
ENGINEERING** – *recognizes New Faces in Engineering – up and coming engineers go
global – reaching out through community involvement and research and volunteerism*

Denver, CO – The American Council of Engineering Companies of Colorado (ACEC/CO) honored Colorado’s Outstanding Women in Engineering and New Faces in Engineering at the close of Engineering Week festivities.

Recognizing outstanding women in engineering is part of the Council’s annual Engineers Week celebration. The ACEC/CO Public Relations Committee established the outstanding Woman in Engineering Award in 2004. As we look at the workforce of the future, we are aware that women and minorities will be a big factor in staffing our engineering firms. We strive to encourage this group to pursue science and math to pursue careers in engineering.

Colorado’s engineering industry has many outstanding women in leadership positions. The Council felt it appropriate to recognize their achievements and make them more visible as role models for up and coming engineers. Our first award in 2004 was presented to Diana Horner with Bates Engineering. In 2005, Lauren Evans with Pinyon Environmental received this recognition.

This year, ACEC/ CO honored two Outstanding Women in Engineering.

Marvinetta Hartwig has worked with a number of major design firms during her 19-year career as a Civil Engineer. She has been responsible for transportation projects from local roads to major interstate roadway projects. When it became clear to her that she needed to balance her family and work careers, she simple did not give up but rather began her own firm. Her current and most significant project is as a subcontractor to Rockrimmon consultants, a design/build team responsible for the COSMIX project in

-more-

Colorado Springs. Additionally she managed the highway design for the Southeast I-25 Environmental Impact Statement project.

Hartwig is a member of ACEC/CO and the Institute of Transportation Engineers. She has been a member of ACEC/CO's Scholarship Committee and served as Chair. She actively volunteers at area schools as a mentor and encourages students to pursue careers in engineering. Her significant technical innovation is reflected in the fact that she is a highly prized and sought after member of Value Engineering Teams and has been a participant in an impressive as well as unprecedented, 20 teams.

PATRICIA FLOOD is a Professional Engineer and has been with Wright Water Engineers for 28 years, moving from Design Engineer to Project Manager to Senior Consultant, and is a shareholder in the firm. She is a leader in the field of water rights and a co-author of the 2005 "Water Rights Handbook for Colorado Conservation Easements" and the 1998 American Water Works Association book *Water Rights of the Eastern United States*.

Flood was one of only two female engineers in her graduating class in 1974 and has since served as a mentor to some of the many more women joining the engineering profession. She was one of the first professional engineers in Colorado to become a Licensed Appraiser. This has given her a unique advantage in her field of water rights engineering and contributed to her status as one of the top water rights engineers in Colorado. Flood is very involved in her community and in education as a volunteer in elementary schools and works to provide scholarships for women in all facets of higher education.

ACEC/CO participates in Engineers Week "New Faces in Engineering" program. The New Faces of Engineering strives to promote the accomplishments of young engineers by highlighting their engineering contributions and the resulting impact on society. The campaign is designed to enhance and improve the image of engineering by:

- Showing a group of young, diverse and talented engineers.
- Providing stimulation and incentive for college engineering students to explore the variety of career options for their engineering degrees, as well as encourage high school students to study engineering.
- Help students understand they are part of a global profession.

ACEC/CO recognized the following nominees for their contributions to our profession:

Mary L. Presecan is a Project Engineer with Leonard Rice Engineers with a BS in Civil Engineers and an MS in Environmental and Water Resources Engineering. She is a registered Professional Engineer and a member of the American Water Works Association. Mary helps communities to understand their long-range water demand

-more-

requirements, to evaluate their supply, and to determine what would happen in case of a prolonged drought. She gives back to her community and profession by participation as a Board Member for the Holly Hills Water and Sanitation District; committee chair for the Rocky Mountain Section American Water Works Association Communications Committee; Committee member for the Technical Session Development for “Girls Exploring Science, Engineering & Technology” Event; and is an active member of the Rocky Mountain Section American Water Works Association and the American Water Resources Association-Colorado Section.

Laura G. Girard is a Water Resources Engineer Intern at Ayres Associates Inc. She has a BS in Land Rehabilitation and a MS in Civil Engineering/ Hydraulics. She is a co-founder of Engineers Without Borders - Colorado State University Chapter and was project coordinator for a project in West Bengal, India to provide drinking water for three villages in Purulia. She is a Representative of Bioregions Team – Hokkaido, Japan, and an Associate Member of ASCE. She has been instrumental in several research projects for the National Cooperative Highway Research Program. She is currently involved in projects related to the special hazards imposed on bridges by the action of water in riverine environments.

Gwendolyn F. Zuber is an Engineer in Training and is a project engineer for Richard P. Arber Associates, Inc. She has a BS in Architectural Engineering and an MS in Civil Engineering from the University of Colorado at Boulder. She is a member of the American Water Works Association, Rocky Mountain Section of AWWA/ Rocky Mountain Water Environment Association Young Professionals Committee and Stockholm Junior Water Prize Organization Committee 2004. She has been a design and project engineer with Arber Associates since her graduation in 2002. Some of her projects include pilot testing and system design for compliance with EPA arsenic regulations for drinking water; pilot testing the reverse osmosis water treatment system for final design; and provided support for the Colorado Strategy for Arsenic Reduction to analyze nine public water systems to meet new arsenic standards.

Donald Frick has been employed by Applegate Group, Inc. as a Water Resource Engineer since 2002 and has progressed rapidly to project management handling a wide variety of responsibilities. He has developed specific applications using Geographic Information systems including an innovative way of displaying both the physical locations of water rights as well as their relative priorities. While working 40 hours per week, he is enrolled at the University of Denver College of Law, anticipating graduation in 2007 and is a staff member on the University’s Water Law Review.

This outstanding young man is a member of several organizations, and has authored a number of publications. He undertook an internship in Washington, DC with the Association of Metropolitan Water Agencies, attending congressional hearings, participating in water policy roundtables and authoring multiple articles.

Lisa Farmer began her career at Applegate Group as a summer intern. Upon graduation, Lisa accepted a full time water resource engineering position. Lisa has

-more-

gained valuable experience in water resources including gravel pit liner design, water delivery systems, and DMG and County permitting processes. She serves as a field engineer on several construction projects where she is responsible for coordination with the contractor, survey and testing scheduling, quality control and construction documentation. Prior to attending college, Lisa served in the United States Navy on board the USS Abraham Lincoln. During her military career she assisted in training nuclear power plant operators for casualty situations. Lisa is active with the National Society of Professional Engineers, started a job shadow program teaming up CSU civil engineering students with local professional engineers and also assists with the Mathcounts competition.

CRAIG ULLMANN -Our last New Face in Engineering was named an ACEC Finalist and submitted to the National Engineers Week Committee. Craig Ullmann graduated with Bachelors and Masters degrees from Colorado State University and has been with Applegate Group for five years. He is a registered professional engineer and has extensive knowledge with hydraulic and hydrologic modeling along with innovative infrastructure design. He designed and performed construction management on over 2 million dollars of improvements to a 100+ year old canal located near Carbondale, Colorado. He serves as an invaluable mentor to entry level engineers at Applegate Group, volunteers as the Boulder Colorado Chapter Mathcounts Coordinator, and volunteered to design an orphanage in Africa in an area impacted by AIDS.

-END-