



Civil Engineer

THE NEWSLETTER

APRIL 2004

Honors and Awards Banquet— Celebrate ASCE Life Members!

Followed by brief presentations by District 12 Director, **Greg Diloreto**; **William Iyall**, Project Mgr., Public Works Division, Special Projects Section, City of Tacoma on the Foss Waterway Redevelopment; and by **Jeff Highley**, AELC Representative from the Seattle Section.

This month's meeting marks a special occasion. We celebrate the professional and personal accomplishments of the most recent **ASCE Life Member Award** recipients:

German D. Anulacion
Charles W. Coddington
Gerald D. Brierley-Green
Wayne T. Gruen
Jerry M. Hendricks
Lyle P. Renz
Tom H. Roper
Edward J. Scott
Peter Waugh
Thomas G. Williamson

Seven of the ten Life Member Award recipients provided the Section with their career history, which we share in this issue of the newsletter.

The evening's program will begin with Life Member Awards, and presentation of a service award to the Section's Past President, **Chris Beckman**.

Following the awards, District 12 Director, **Greg DiLoreto**, will present an update to Section members on the progress of the ASCE National Governance Restructuring Proposal. This new governance proposal would restructure the current Board of Direction from 28 members to 17 members. Goals of the governance restructuring proposal are: to provide a more flexible and responsive governing body; to enable more diverse perspectives; to improve communications; to enhance opportunities for members to serve and participate; and, to build member leadership. The Director encourages your questions.

In the final half of the evening's program, **William Iyall**, City of Tacoma, will provide a brief presentation to the Section of the Foss Waterway Redevelopment Project, which is the Section's candidate for the Outstanding Civil Engineering Achievement (OCEA) award.

In closing, **Jeff Highley**, AELC Representative from the Seattle Section, will update us on the legislature activities and lobbying efforts.

Honors & Awards Banquet

Tuesday, April 20th
Saint Martin's College

Dinner Meeting
6:00pm-8:00pm

Social 6:00pm – 6:30pm

Dinner: 6:30pm – 7:15pm

Program: 7:15pm – 8:00pm

Atlantic Salmon with Dill Butter Sauce

Garden Salad

Three-Cheese Pasta Vinaigrette with
Sundried Tomatoes and Peppers

Broccoli with Carrot Zest Garnish

Red Bliss Garlic Mash Potatoes

Dinner Rolls

Coffee and Tea

Cost: \$20.00/person

RSVP by noon April 16

Call Sue Coffman
253.594.7905 or email:
Sue.Coffman@ci.tacoma.wa.us.

President's Corner by Connie Linden

SPRING GREETINGS!

The Nominating Committee, chaired by our Past President, Chris Beckman, is working to identify candidates for the upcoming Section board election. If you are interested in a Board position, I encourage you to contact Chris Beckman at cbeckman@essayonsinc.com. This year the ballot will be an electronic ballot. However, the Section will mail ballots to those members who do not have readily access to the web. The electronic ballot will be sent with the May electronic newsletter. Ballot instructions will be included. I encourage you to participate.

At the April board meeting board members discussed providing CEUs for interested Section members to meet educational requirements for licensure. Although this is not a requirement, as yet by the State of Washington Licensing Board, 28 states require proof of continuing education. Many of you may be licensed in states with such a requirement and the Section would like to accommodate this need. The Board is researching state licensing requirements, and will keep you posted. Watch for upcoming Section newslet-

ter articles. If you have comments or information on licensing requirements for those states requiring CEUs, please contact any Board member. Board members' names and email addresses are listed on the Section's web site.

The Section is "reaching out" to local engineering societies to partner on monthly meetings. Traditionally, the Section has participated in a

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joint meeting with SAME in March. For the upcoming year, Board members are working with SEAW to arrange a joint meeting in September 2004. The proposed topic is "USGS - Tacoma Fault Line." If you are a member of another local engineering society and believe that Section members would benefit from a joint meeting, please contact me at conniel@baselinetacoma.com.

This month's meeting is a special occasion. We celebrate the careers of

ASCE Life Members. I encourage you to attend and help us congratulate Life Members on their many professional and personal achievements. I hope to see you at Saint Martin's College on April 20th.

Best regards,

Connie E. Linden
Tacoma/Olympia Section President
2003-'04

Participate in the 2004 Salary Survey

Due to an error, the links on Monday's e-mail regarding the salary survey did not function properly. Please accept our most sincere apologies. To provide you with an easy opportunity to take the salary survey we are sending the e-mail again. If you were able to take the survey earlier in the week, please disregard this message and thank you for your participation (the actual text listed for the link was correct if you typed it in your browser). If you would like to opt-out of receiving these messages, please send an e-mail to member@asce.org.

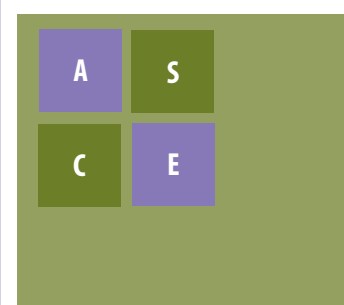
The Engineering Income and Salary Survey continues to function properly and is the best source of engineering compensation information.

Again, please accept our most sincere apologies.—From National ASCE

Don't Forget!



The section has agreed to man the booth at the Western Washington Fair again this year. We will be there the first five days of the fair, so mark your calendars and plan now to set aside some time to come out and help us. It is a fun experience and a great outreach project. Contact Connie Linden or Bernie Hargrave for more information.



Engineers Make The Difference—They Provide the Quality of Life!

Civil Engineer Newsletter is published monthly from September to June for the Tacoma/Olympia Sections of the American Society of Civil Engineers.

To submit ads or articles of interest please contact the President of the section or the Editor. Information must be submitted not later than the 15th of the month to be included in the next publication.

For address changes/corrections, notify the Editor or the WEBmaster.

Section Calendar

Monday May 3 Board Meeting, 6:00pm,
Red Lobster, Tacoma

Tuesday May 11 Section Meeting
**Long Term Performance of Marine
Concrete Piles;** Guest Speaker: Woosuk
Ahn, PhD., P.E., Senior Engineer, Facilities
Division, Art Anderson Associates*

**NOTE: Section Ballot will be provided in
the May newsletter.**

NO MEETINGS IN JUNE

Monday JULY 5 Board Meeting, 6:00pm*
TBA

Monday, Aug. 2 Board Meeting*
TBA

September 10-14, 2004
Western Washington ASCE
Tacoma/Olympia Section Fair
Booth, Puyallup. It is never too
early to volunteer! Contact:
Connie Linden.

*DATE/TIMES/LOCATIONS ARE TO BE VERIFIED

Section Meetings are open and held once a
month, September through May. Meetings are
generally held on the second Tuesday of the
month. Locations alternate between Tacoma
and Lacey, and times vary between lunch and
dinner meetings.

Local Board Meetings are open and generally
held the first Monday of the month at 5:30pm.
Locations vary. Please check the WEB site,
this calendar, or contact the president for
confirmation.

<http://sections.asce.org/tacoly/tacoly.htm>

TRANSPEED Courses

The Winter/Spring TRANSPEED Schedule Below
is a list of the upcoming courses.
Please view our website at
[http://www.engr.washington.edu/epp/
Transpeed/index.html](http://www.engr.washington.edu/epp/Transpeed/index.html) for specific course
descriptions and dates. Click on the specific
course link to view the course outline.

I look forward to seeing you at a TRANSPEED
course soon. If you have any questions please
feel free to contact me anytime.

Christy Pack

TRANSPEED Program Manager
UW Engineering Professional Programs
10303 Meridian Ave N #301
Seattle, WA 98133
1-866-791-1275 toll free
direct 206-543-5539 206-543-2352 FAX
croop@u.washington.edu

Transportation and Construction:

- Basic Highway Capacity Analysis for
Engineers and Planners
- Roadway Safety: Analysis, Evaluation
and Programming
- Storm Water Engineering for
Transportation Professionals
- Traffic Engineering Operations
- Legal Liability for Transportation Professionals
- Traffic Signal Timing and Operations
- Techniques for Pavement Rehabilitation
- Manual on Uniform Traffic Control Devices
- Developing Contract Working Days
- Work Zone Traffic Control Plan Design
- Traffic Calming: Techniques and
Management
- Traffic Signal Design
- Urban Street Design
- Fundamentals of Traffic Engineering

Management/Organizational Success:

- Technical Communication for Engineers
and Planners
- Managing Scope, Schedule and Budget
- Managing Consultants
- Geotechnical/Structural
- Concrete Bridge Design

2004 Winter/Spring Professional Development Short Courses

For a complete description of the course and
registration information visit our website or call
us at: Engineering Professional Programs, Univer-
sity of Washington, phone: **206.543.5539**
(fax) **206-543-2352** or
(toll free) **1.866.791.1275**

Stephanie Strom, Program Mgr:
ssstrom@u.washington.edu
(direct) **206-685-9682**
Stacy Williamson, Prog. Coord.
stacyw@u.washington.edu
(direct) **206-543-5743**

Construction Site Erosion and Pollution Control
Apr. 13-14, 2004 * \$475 on or before Mar. 30,
\$510 thereafter
www.engr.washington.edu/epp/cee/cec.html

NEW! Project Leadership
Workshop --
May 12-13, 2004 * \$655 on or before Apr. 28,
\$685 thereafter
www.engr.washington.edu/epp/cee/plw.html

Geology and Geomorphology of Stream
Channels
May 18-19, 2004 * \$495 on or before May 4, \$530
thereafter
www.engr.washington.edu/epp/cee/ggs.html



Tacoma/Olympia Section Board **2003 - 2004**

President

Connie Linden...253.565.4491
conniel@baselinetacoma.com

President-elect

Kathy Hargrave...253.474.9449
kathyhargrave@sitts-hill-engineers.com

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Jason Moline...253.502.2239
jmoline@ci.tacoma.wa.us

Treasurer

Bernard Hargrave...253.764.6839
Bernard.L.Hargrave.Jr@nws02.usace.army.mil

Director PNC Rep

Susan Coffman...253.594.7905
Susan.Coffman@ci.tacoma.wa.us

Director

Morris J. "Gus" Fant...253.922.2332
gusf@ahrengineers.com

District 12 Director

Greg DiLoreto...503.848-3032.
Greg@tvwd.org

Younger Member Chair

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wesjones@sitts-hill-engineers.com

Past President

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richardswanson@comcast.net



We're on the web!

**[http://sections.asce.org/
tacoly/tacoly.htm](http://sections.asce.org/tacoly/tacoly.htm)**

CELEBRATE! New Life Members 2004

Jerry M. Hendricks

has over 40 years of experience in the field of civil engineering. His areas of engineering knowledge include transportation, drainage and utilities. Jerry holds a Bachelor of Science in Engineering degree from California State University at Long Beach. His graduate studies in civil engineering were at Cal State Long Beach and Washington State University. Jerry is a licensed Civil Engineer in the states of Washington, California, Oregon and Idaho.

Jerry's work experience includes responsibilities in public works, consulting and teaching. He served as Deputy Director of Public Works/County Engineer for Thurston County and Maintenance and Water Programs Manager for Pierce County. His consulting experience includes managing his own firm, and Senior Project Manager responsibilities for consulting firms in Western Washing-

ton. Jerry was also an adjunct faculty member at Saint Martin's College in Lacey, Washington. As an educator and mentor, Jerry worked to guide engineering students through their studies, and worked to help new engineers through the transition from academia to the work place. Jerry expressed that *"I am as proud of their (students and new engineers) accomplishments as I am my own."*

Jerry's ASCE activities include attending ASCE national meetings, representing the Tacoma-Olympia Section on the Pacific Northwest Council, as well as serving as Section Director and Secretary. He served as the Tacoma-Olympia Section President in 1993/1994.

Jerry and his wife Carolyn now reside in Olympia.

Edward J. Scott graduated from South Dakota University in 1961 with a BS Degree in Civil Engineering. He holds professional registration in the states of California and Washington. Edward has also held professional registration in the states of South Dakota, Iowa, Minnesota, and Nevada. He also holds a national certification as a Certified Building Official.

Edward's working experience includes engineering positions at two highway departments, the U.S. Geological Survey, the Asphalt Institute, a county agency, and private consulting firms. He retired in 2001 after serving with the County of Sonoma, California in the positions of County Surveyor, Deputy Building Official, and Director of Engineering, Permit and Resource Management Department.

Edward expressed that ASCE has played an important role in his engineering career. He became involved in the Society as a student chapter member, continuing on as a member through his working career to date. Edward shares that *"the publications and insurance made available through ASCE have enhanced my career through providing a broad perspective on matters of engineering."*

CELEBRATE! New Life Members 2004.....

Wayne T. Gruen earned a BS in Civil Engineering from the University of Illinois in 1963. He also earned a BA in Sociology from the University of Illinois (1963), and a MS in Traffic Engineering from the University of Illinois (1964). His professional registration is in the State of Washington.

Wayne's working career began as a Teaching and Research Assistant in the Traffic Engineering Division at the University of Illinois. He has served as Transportation Study Director for the Spokane Metropolitan Area Transportation Study administered through the Washington State Department of Transportation (WSDOT) and then by the Spokane Regional Planning Conference. Wayne directed the development of the region's first multimodal transportation plan, and directed the establishment of the area's continuing transportation

planning process. He has also worked as a Transportation Systems Planner and Manager of Transportation Planning for WSDOT where he directed the preparation of the first statewide Multimodal Transportation Plan, and provided oversight for WSDOT for the Metropolitan Transportation Planning Studies. Most recently, Wayne worked as State Traffic Engineer and Deputy Assistant Secretary TransAid for WSDOT where he was responsible for all phases of the Division's operations of administering Federal highway funds to cities and counties.

Wayne earned the Dr. L.I. Hewes Award, WSDOT's Highway Level of Development Plan, in 1982, and the President's Award, Washington State Association of County Engineers in 1998. He is an active member of ASCE, serving as Section President in 1988/1989, Newsletter Editor, House Committee Chair, Director, Treasurer, Secretary, and Historian.

Wayne and his wife Carol, who celebrate 41 years of marriage, have two sons and six (soon to be seven) grandchildren. Wayne and Carol reside in Olympia, and they are enjoying retirement and volunteer activities.



Charles W. Coddington

earned a BS in Civil Engineering in 1961. After working with the Bureau of Reclamation, he entered the U.S. Public Health Service as a Commissioned Officer, working in the area of water resource studies. Charles continued his education and earned a MS in Civil Engineering from Oregon State University. He went on to teach Civil Engineering Technology at Centralia College. While teaching at Centralia College, Charles held various administrative positions, including Vice President for Instruction. After retiring from Centralia College, Charles worked for Lewis County Department of Public Works, manag-

ing the county's Computer Center, GIS, and Human Resources Department. Charles has also worked as a consulting engineer.

In his retirement, Charles works as a volunteer and has been involved with the development of a rural water system, with a 34-mile distribution system. He also gives of his time and talents to the United Way, to workshops for handicap individuals, to manpower training, and to economic issues within Lewis County.

CELEBRATE! New Life Members 2004.....

Tom H. Roper holds a BS degree and a MS degree from the University of Washington in Civil Engineering. He also earned a MPA from Pacific Lutheran University. Tom is licensed in civil, structural, and mechanical engineering. He served with the 7th Infantry Division in Korea in 1963 as the Division Special Weapons Officer. Tom also served in the Army Reserves with the 415th Combat Specialty Training Regiment at Ft. Lawton, Seattle, Washington.

Tom began his professional engineering career as a Highway Engineer with District 1 in Seattle, Washington and the Bridge and Structures Office in Olympia, Washington. His design and development work involved structures for major highway and railway facilities, and the design of timber, concrete and steel transportation structures. Tom's design accomplishments include the design of a steel box girder bridge across the Snake River near Clarkston, Washington; the design of the Wilberton Tunnel, which carries rail traffic over I-405 near Bellevue, Washington;

and, the design modifications to the States' floating bridges and movable bridges. Tom also worked on the retrofit design of the Toutle River Steel Arch Bridge on I-5 after the Mount Saint Helen's volcanic damage. During this period, as Project Team Leader, Tom was involved in numerous special studies and the preparation of formal reports submitted to management. Studies included the West Seattle Freeway Legislative study; the development of the SR 14 Interchange in Vancouver, Washington; the substructure study of the I-182 Columbia River Bridge; and, the repair and replacement study of the sunken west half of the Hood Canal Floating Bridge.

In the later part of his career, Tom focused on repair, rehabilitation and preservation of structures. As a Project Manager, Tom's work involved studies of the impacts on WSDOT bridges if Turner Truck configurations were adopted by the Legislature. Tom headed an interdisciplinary team tasked with all aspects of bridge painting. This painting study included such topics as: the impacts of paint on the environ-

ment; steel paint systems; budget considerations; maintenance practices; paint contracting; and, inspector training. In addition, Tom provided preliminary scoping and investigation of corrosion-damaged structures, such as the SR2 Ebey Slough Viaduct near Everett, Washington. He also prepared the major bridge and movable bridge portion of the Highway Construction P2 Program. Tom's work concerned the technological development of new products and methods for bridge design, construction, and maintenance. He served on the Department New Products Evaluation Committee, and co-chaired the FHWA sponsored "SHRP High Performance Concrete Bridge Showcase" seminar, which was held in 1997 in Bellevue, Washington.

Tom retired from the Washington State Department of Transportation, Bridge and Structures Office in Olympia, Washington in August of 2001 as Senior Structural Engineer.

Tom, as an active ASCE member, has served in the Tacoma-Olympia Section as a Board Member, Legislative Committee Chairman, Treasurer, Editor, and Program Chairman.

Lyle P. Renz earned a BS in Civil Engineering in 1962 from South Dakota State University, and a MS in Civil Engineering, Environmental Engineering in 1972 from Stanford University in Palo Alto, California. He holds professional registration in the states of Idaho, Oregon, Montana, and Washington.

Lyle enjoyed a rewarding 32-year career with the Federal Highway Administration. Positions held included Division Administrator for the Illinois Division in Springfield, where he provided leadership and guidance to State and local officials in the identification of surface transportation needs, and related priorities in carrying out national transportation program goals. He also served as the Assistant Division Administrator for the California Division in Sacramento, and held a variety of managerial and technical positions in the FHWA offices in the Olympia and Vancouver, Washington offices, and in the Portland and Salem, Oregon

offices.

Presently, Lyle is working as a consulting engineer with Skillings-Connolly, Inc. While employed with Skillings-Connolly, Inc., Lyle has served as a Design Engineer, Project Manager, and Senior Transportation Engineer on several projects, including: Montana Department of Transportation (MDT) - US-93 Access Control, Corridor Preservation, Preliminary Design and Environment Document (53 miles); Mason County - US-101 Connector Corridor and Belfair Bypass (25 miles), Feasibility Study, Preliminary Design and Environmental Document; and, Montana Department of Transportation - US-93 Supplemental EIS, Ninepipe/Ronan area.

In recognition of his work, Lyle is the recipient of the U.S. DOT Gold Medal, 1994, awarded as a group award for achievements in transportation recovery efforts following the 1993 flood in the Midwest; U.S. DOT Fellow, 1992/1993; and, U.S. DOT

Silver Medal, 1978, for achievements in developing an EIS for reconstruction on the Alaska highway.

Lyle's society affiliations include ASCE and Chi Epsilon, National Civil Engineering Honorary Fraternity.

CELEBRATE! New Life Members 2004.....

Peter Waugh earned a HNC in Civil Engineering from Heriot-Watt College/University in Edinburgh, Scotland in 1962, and an ONC in Mechanical Engineering in 1959. He holds professional registration in the State of Washington (1966). Peter's professional qualifications also include Chartered Civil Engineer, UK (1964).

Peter began his engineering career as an Assistant Civil Engineer for a civil and structural consulting firm in Edinburgh, Scotland, and as an Assistant Highway Engineer for the Midlothian C.C. Roads and Bridges Department, Edinburgh, Scotland. His working experience includes work as a Civil Engineer in the private and public sectors, and work in academia as a lecturer. In the private sector, Peter worked as a Project Engineer for a private consulting firm, Gray & Osborne, in Seattle, Washington, as a Construction Manager for Craven Thompson

and Associates in Fort Lauderdale, Florida, and, as a Contracts Supervisor/Contracts Engineer for Arabian Bechtel Co. Ltd. in Jubail, Saudi Arabia. In the public sector, Peter worked as an Assistant Civil Engineer for the Public Works Department in Monterey, California, and as a Deputy Roads Engineer, Ministry of Works in Nassau, Bahamas. In the academia arena, Peter served as a Civil Engineer Lecturer for Stevenson Technical College in Edinburgh, Scotland.

Most recently, Peter worked as a Project Manager and as a Senior Civil Engineer for the State of Washington, in the Division of Engineering and Architectural Services, where he worked from 1984 to 2003 before retiring.