



American Society of Civil Engineers

Our web site: <http://sections.asce.org/columbia/index.html>

Columbia Section

Since October 10, 1950

Newsletter

January 2011

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Columbia Section Meeting

Date: January 19th, 2011

Place: Shilo Inn, George Washington Way, Richland

Meal: Buffet (Chef's choice) - \$15 per person
Please pay cash or check to treasurer at meeting

Topic: 2010 Main Canal Failure, Investigation and Repair

Speakers: Keith Martin and Russ Pelleberg (CID)

Lunch will start at 11:30, and the presentation will begin at Noon.

RSVP to: Chris Ells cells@jub.com (509)783-2144_h

President's Remarks:

Dear Members,

It is a brand new year and it is time to start up our ASCE meetings after our winter holiday break.

First, I would like to apologize for the webinar fiasco. I ordered the CDs early enough for them to arrive before the meeting, but I did not wait for them to arrive before arranging the meeting. When the CDs didn't arrive we had to cancel last minute. Ultimately I was informed by ASCE that they have discontinued that series, so the CDs never did arrive. In the future I will make sure that CDs arrive before scheduling a meeting.

Our speakers this month are Keith Martin and Russ Pelleberg. They will present on the Columbia Irrigation District's 2010 Main Canal break and repair, and their methods for detecting and preventing future breaks. The Mid-Columbia depends on irrigation districts and their canals for much of its prosperity, and canal breaks not only disrupt water service, but also present a risk to surrounding properties. Efforts to detect and prevent canal breaks will help ensure consistent water service and avoid property damage.

On another topic, nominations for 2010 Tri-Cities Engineer of the Year must be submitted to Bonnie Bates of WSU-TC by Monday January 28th. See the attachments for requirements, rating sheets, nomination form and application form. Many of you remember that our own Ben Volk from J.U.B. Engineers won the award for 2009. Let's see if we can keep the award in the discipline this year as well.

Of course the Tri-Cities Engineer of the Year award banquet is part of Engineers Week, which runs February 20-26. The section typically reserves a table or two for the banquet. If you are interested in attending please let one of the officers know so that we know how many seats we need to reserve.

I hope to see you all next week.

Paul Smith
ASCE Columbia Section President

The Columbia Section budget for the last several years is presented below. As you can see the bulk of our income comes from Section Dues. These go to fund the scholarship and lunches.

Columbia Section Budget

	2007/2008	2008/2009	2009/2010	2010/2011
Beginning Balance	\$ 3,264.11	\$ 4,337.82	\$ 5,205.25	\$ 5,120.65
Cash Receipts				
Section Dues	\$ 2,590.00	\$ 1,752.00	\$ 2,838.25	\$ 2,500.00
Society Allotments	\$ 1,405.02	\$ 1,441.30	\$ 1,586.03	\$ 1,450.00
Interest Income	\$ 14.33	\$ 12.70	\$ 14.12	\$ 10.00
Scholarship Fund Transfer	\$ -	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
Dinners/Lunches	\$ 1,986.00	\$ 2,596.00	\$ 2,565.00	\$ 2,600.00
ASCE Conferences	\$ 533.00	\$ -	\$ 656.70	\$ 500.00
Total	\$ 6,545.35	\$ 7,802.00	\$ 9,660.10	\$ 9,060.00
Dispersements				
Yakima Branch	\$ (690.91)	\$ (821.27)	\$ (1,040.88)	\$ (900.00)
Dinners/Lunches	\$ (2,227.01)	\$ (1,630.66)	\$ (1,883.47)	\$ (1,900.00)
Officers' Lunch	\$ (248.72)	\$ (214.87)	\$ (291.77)	\$ (300.00)
ASCE Conferences	\$ (841.00)	\$ (308.28)	\$ (2,048.88)	\$ (1,500.00)
Miscellaneous	\$ (173.00)	\$ (59.17)	\$ -	\$ (100.00)
Contributions/Gifts	\$ (650.00)	\$ (790.00)	\$ (1,221.00)	\$ (1,200.00)
Office Supplies	\$ -	\$ (17.29)	\$ (17.29)	\$ (20.00)
Scholarships	\$ -	\$ (2,000.00)	\$ (2,000.00)	\$ (2,000.00)
Region 8 Assessments	\$ (641.00)	\$ (649.00)	\$ (649.00)	\$ (650.00)
Total	\$ (5,471.64)	\$ (6,934.57)	\$ (9,744.70)	\$ (8,570.00)
Ending Balance	\$ 4,337.82	\$ 5,205.25	\$ 5,120.65	\$ 5,610.65

TRI-CITIES EWeek Committee
Washington State University Tri-Cities Engineering Program

REQUIREMENTS FOR ENGINEER OF THE YEAR AWARD
Award for Year Ending December 31, 2010

1. Criteria for Tri-Cities Engineer of the Year Award:

- a) One Engineer may be nominated by each participating Technical Society local Chapter or Section.
- b) An Engineer may also be nominated by three or more Registered Professional Engineers following the same procedures as required for nominations by Technical Societies, except that each of the nominating Professional Engineers shall sign the nomination form
- c) Each nominee shall be a resident of, or work in, southeastern Washington.
- d) Each nominee shall have accomplished significant engineering achievements during the most recent three calendar years (i.e. January 1, 2008, through December 31, 2010) in order to be eligible for the award. The award will be presented during Engineer's Week, February, 2011.
- e) Each nominee must be an Engineer who is engaged in engineering work within the nominating society's technical discipline. The "engineering work" may consist of engineering design, analysis, or other engineering functions performed directly by the Engineer, or such work that has been accomplished under the direct responsible charge of the Engineer. For nominations submitted under the provisions of b) above, the engineering work must be within the technical discipline of at least one of the nominating Professional Engineers.

2. Nominee Evaluation and Selection Data:

- a) Work-related data submitted shall be for projects or activities completed or in-progress only during the 2008-2010 calendar years (see 1. d) above).
- b) Submit data for professional contributions including technical society activities, papers published and patent awards **completed or in-process during calendar year 2008 through 2010 only**.
- c) Identify Community Contributions by the nominee **performed during the years 2008 through 2010 only**.
- d) The nominee shall complete "Application Form for Engineer of the Year" (Attachment I). The technical society or the Professional Engineers sponsoring the nominee shall then review and verify the information in the application and then complete "Nomination Form for Engineer of the Year" (Attachment II). The completed application and nomination forms shall then be submitted electronically to the Washington State University Tri-Cities (WSU-TC) Academic Coordinator, College of Engineering/Sciences. Use the electronic forms provided to ensure all of the pertinent information is presented in a fashion to help highlight the nominee's contributions for the judges.
- e) Criteria for judging as well as the weighting factors to be used for selection are contained in the Tri-Cities Engineer of the Year Criteria Rating Sheet (Attachment III).

3. Award Selection Committee:

- a) *Chair:* The Chair of the Selection Committee shall be designated by the WSU-TC Engineering Program.
- b) *Membership:* Up to four additional members of the engineering community in Tri-Cities shall be selected by the WSU-TC Engineering Program.
- c) The makeup of the committee should reflect a cross section of engineering disciplines and employers including those in consulting engineering, engineering management, engineering projects, academia and research in order to fairly evaluate candidates for the award. The committee should include members that have previously been involved in the judging of the award and/or previous award winners.

4. Award Selection Process:

- a) The Selection Committee will normally meet in mid-February at a time and place determined by the Chair of the Selection Committee.
- b) The Selection Committee will review data on the qualifications of nominees and will use the rating sheets to compare candidates. Decisions on the winner will be based solely on the submitted material in the application and nomination forms. Please do not submit additional data such as resumes.
- c) Decisions of the Selection Committee shall be final.

5. **Presentation of Award:**

- a) Public announcement and presentation of Engineer of the Year award will take place at the Engineers' Week Banquet in February.
- b) All nominees will be recognized at the awards presentation. A designated representative of the technical society or the Professional Engineers that submitted the nomination will be allocated approximately four minutes to speak on the nominee for Engineer of the Year's outstanding performance.
- c) Awards will be presented by the WSU-TC Engineering Program. The Engineer of the Year Award will consist of an individual award plaque and the awardees' name added to the perpetual award plaque to be displayed at WSU-TC.

6. **Requirements for Participation:**

- a) The Technical Society or Professional Engineers who intend to submit nominations must give notice to the WSU-TC, at the email below, by Friday, 14 January 2011, stating that they wish to participate.
- b) The completed nomination and application forms (Attachment I and II) must be submitted to WSU-TC electronically by 5:00 p.m., Friday, 28 January 2011. E-mail submission is preferred.
 - a. Send to: Bonnie Bates
Academic Coordinator, College of Engineering/Science
2710 University Drive
Richland, WA 99354-1671
e-mail: bbates@tricity.wsu.edu phone: 509-372-7171
- c) A PowerPoint slide describing the nominee and the nominee's accomplishments shall be prepared and delivered to WSU-TC at the address identified above by 14 February 2011. The PowerPoint slide may be used for public displays during Engineer's Week and will also be utilized to publicize the nominees at the Engineers Week Banquet. The WSU-TC assumes no responsibility or liability for the PowerPoint slides.

7. **Summary timeline for the 2010 Tri-Cities Engineer of the Year process:**

<i>December 2010</i>	<i>2010 TCEOY Contest Announced</i>
<i>Monday, 14 January 2011</i>	<i>Nominators notify WSU-TC of intent to submit nomination</i>
<i>Monday, 28 January 2011</i>	<i>Nomination and Application forms due to WSU-TC</i>
<i>Monday, 28 January 2011</i>	<i>PowerPoint slide due to WSU-TC</i>
<i>Tuesday, 11 February 2011</i>	<i>Decision on TCEOY winner reached</i>
<i>Friday, 25 February 2011</i>	<i>Tri-Cities Engineers Week Banquet – 2009 TCEOY Announced</i>

8. **Attachments:**

- I Application Form for Engineer of the Year
- II Nomination Form for Engineer of the Year
- III Tri-Cities Engineer of the Year Criteria Rating Sheet -- Please read this over carefully. This shows the actual method that is used to score each candidate. Conformance with and attention to this rating sheet is very important to ensure each nominee's application is evaluated equitably.
- IV PowerPoint slide template for nominee's use.

Attachment I

**APPLICATION FORM FOR TRI-CITIES ENGINEER OF THE YEAR
For Award Year 2010**

Data to be provided by the NOMINEE (additional sheets may be used if necessary):

NOMINEE DATA

1. **Name:**
Address:

Telephone Work: Home:

2. **Present Employer:**
Address:

Position with Present Employer:
Years with Present Employer:

3. **Previous Employers (list firms, positions held and years with employers)**

TECHNICAL CONTRIBUTIONS

Describe the technical contributions made, including the responsibility and the position held during the 3 year period ending with the award year. Be sure to address the significance of the work, technical excellence achieved, the contribution to a safe and better environment and the efforts to enlarge the technical knowledge base. Address the impact the work has had as a result of your efforts.

4. **Position and Responsibility for the technical contributions (note the years for the accomplishments):**

5. Technical Society Affiliations and Awards for which technical contributions were made or recognized (include the Society level as well as local chapter or section level):

PROFESSIONAL CONTRIBUTIONS
Describe the local chapter/section involvement for the nominating Society as well as other technical societies and professional organizations of which you are a member. Note state, regional and national involvement as well. List any books or papers published or patents issued <u>during the 3 year period ending with the award year</u> . Be sure to note the year of the contribution and the hours volunteered to the organization. Indicate committee assignments, offices held and awards received. Describe the impact of the contribution as well.

6. Local Chapter or Section Activities (include contribution, year and hours given):

7. State or Regional Level (include contribution, year and hours given):

8. National Level (include contribution, year and hours given):

9. Related Technical Activities, Publications, Papers, Patents, Research, Etc.:

COMMUNITY CONTRIBUTIONS
Describe your community contributions in the area of civic, humanitarian or environmental activities. Make sure to note the year and the hours given <u>during the 3 year period ending with the award year</u> . Discuss the impact of these contributions. Also describe your activities and contributions to fraternal, religious or social organizations. Indicate the year and the hours given. Discuss the impacts of these contributions as well

10. Civic, humanitarian, political and environmental involvement:

11. Fraternal, religious and social involvement:

Nominee's Signature (if hard copy): _____

Attachment II

**NOMINATION FORMS FOR TRI-CITIES ENGINEER OF THE YEAR
For the Award Year 2010**

Data to be provided by Participating Technical Society or Registered Professional Engineers

We nominate: **Name:**
 Company:
 Address:
 City/State/Zip:
 Work Phone: **Home Phone:**

for Tri-City Engineer of the Year for 2010

Fill out section below if nomination is being made by engineering society

Technical Society Making Nomination:

Chapter/Section Name:

Chapter/Section President or Representative:

Work Phone: **Home Phone:**

Fill out section below if nomination is being made by Registered Professional Engineers

Professional Engineer 1:

Company:
Address:
City/State/Zip:
Work Phone: **Home Phone:**

Professional Engineer 2:

Company:
Address:
City/State/Zip:
Work Phone: **Home Phone:**

Professional Engineer 3:

Company:
Address:
City/State/Zip:
Work Phone: **Home Phone:**

SIGNIFICANT ENGINEERING WORK SUMMARY

Nominator to provide a summary of the significant engineering work with the award year presented first and then prior history (up to 3 years maximum) considered. Limit summary to two pages or less. <u>Focus on nominee's impact, not length.</u>

SIGNIFICANCE OF NOMINEE'S WORK TO ASSURE A SAFER AND BETTER ENVIRONMENT
--

Nominator to provide a summary of the significance of the nominee's work to assure their fellow man has a safer and better environment to live in. <u>Focus on the impact of the nominee's work in this area; especially during the 3 year period ending with the award year.</u> Limit to half a page or less.

SIGNIFICANCE OF NOMINEE'S WORK TO ADVANCE TECHNICAL KNOWLEDGE
--

Nominator to provide a summary of the significance of the nominee's work to enlarge and advance the nominating society's technical knowledge or the technical knowledge of the industry. <u>Focus on the impact of the nominee's work in this area; especially during the 3 year period ending with the award year.</u> Limit to half a page or less.

Please send all material in electronic format to:

Bonnie Bates
 Academic Coordinator, College of Engineering/Science
 2710 University Drive
 Richland, WA 99354-1671
 e-mail: bbates@tricity.wsu.edu phone: 509-372-7171

Attachment III

Tri-Cities Engineer of the Year Criteria Rating Sheet For the Award Year 2010

Candidate: _____

Nominating Engineering/Technical Society: _____

Reviewer: _____

Category	Maximum	Score	Remarks
I. Technical Contributions (2008-2010)	40		
Significance of Work (35%)			
Technical Excellence (30%)			
Contribution to Safe/Better Environment (20%)			
Enlarge Technical Knowledge (15%)			
II. Professional Contributions (2008-2010)	30		
Local Chapter/Section Involvement (40%)			
Involvement in other Technical Societies or professional organizations in addition to the nominating Society (20%)			
State or Regional Involvement (15%)			
National Involvement (15%)			
Papers/Patents (10%)			
III. Community Contributions (2008-2010)	30		
Community Involvement (civic, humanitarian, political, environmental, etc.) (65%)			
Special Interests Non-Technical Organizations (Fraternal, Religious, Social) (35%)			
Total	100		