WASHINGTON STATE SECTION / INSTITUTE OF TRANSPORTATION ENGINEERS

ITE WASHINGTON

# Letter from the President

*Jim Ellison, WA Section President*

For most of us at the local level, the ITE Washington State Section year generally coincides with the traditional school year. The monthly section meetings and the newsletters to members begin in September, and it all ultimately culminates nine months later with the Annual Meeting and Conference, and also the golf tournament, in early June.

This year is no exception. We have an exciting full-day technical program lined up on Monday, June 10, at an interesting new venue for us: The Golf Club at Newcastle. Track "A" will cover Safety topics ranging from Target Zero and the Highway Safety Manual to local agency safety project funding, prioritization, and implementation. These topics, along with our luncheon presentation on driver behavior, were all arranged prior to the most recent news-making events involving bridge damages,

*(Continued on page 2)*

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# Annual Meeting and Conference

ITE WA invites members and guests to the Annual Meeting and Conference in the St. Andrews Ballroom and Prestwick Terrace meeting facilities of The Golf Club at Newcastle on Monday, June 10. Newcastle's English Manor theme combined with panoramic views of the Seattle skyline, the Olympic Mountains, and Lake Washington should make for a wonderful setting for this year's event.

This year's program will feature three parallel tracks of technical sessions, covering Safety, Traffic Simulation and ITS Projects, and Featured Projects & Programs. The luncheon will include a presentation on ground-breaking research regarding driver behavior, member awards recognition, and election of officers for the upcoming year. With more than 35 speakers, you will find a full day of regional showcase sessions covering some of the most interesting transportation initiatives in the Pacific Northwest, designed to provide you with tools to enhance your professional practice. Please see below for more details. We hope to see you there!

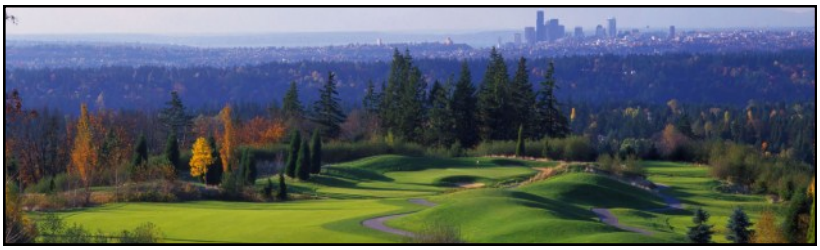


*Photo courtesy of Oki Golf*

**WHEN** Monday, June 10, 2013
7:30 - 8:30 a.m. - Continental breakfast buffet and registration
8:30 - 11:30 a.m. - Morning technical sessions
11:30 - 1:30 p.m. - Business luncheon and program
1:30 - 4:15 p.m. - Afternoon technical sessions

**WHERE** The Golf Club at Newcastle, St. Andrews Ballroom and Prestwick Terrace meeting facilities, 425-793-5566
15500 Six Penny Lane, Newcastle, WA 98059 (get directions)

**PROGRAM** Please see page 5.

**COST, MENU, AND REGISTRATION** Please see page 6.

## Letter from the President

*(Continued from page 1)*

jack-knifing semi-trucks, DUI and seat belt enforcement emphasis, and fatalities from excessive speeding, reckless driving, and police pursuits.

Track "B" will feature two robust sessions that were developed and are being presented by our Traffic Simulation Roundtable members. It will also include two additional ITS-related sessions that will range from traffic signal control and transit strategies to commercial vehicle monitoring at state and local levels. Excellent technical presentations will be the norm in this track.

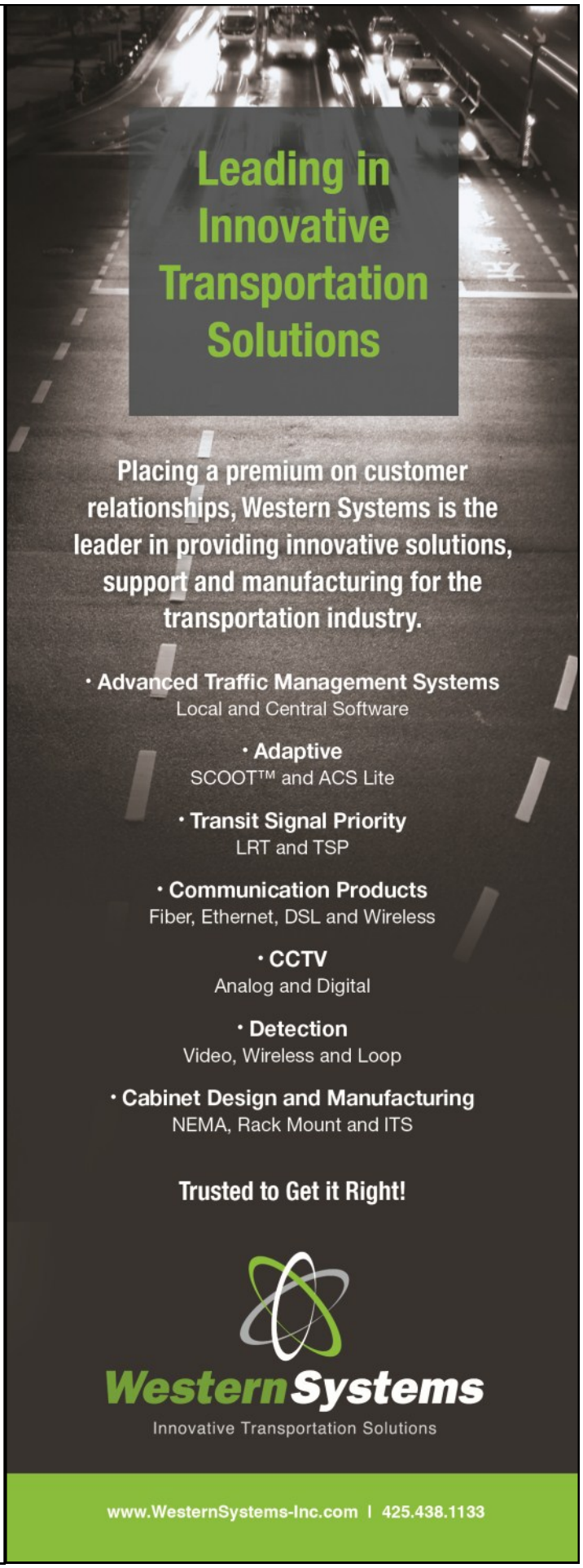
Track "C" highlights notable programs and projects that are on-going in our region. This includes a session dedicated to planning, designing, and modeling roundabouts and a transportation planning session that gives new meaning to the term, "right-sizing". There will also be sessions on operations, including the dynamics of pedestrian and bicycle crossing treatments and the evaluation and use of light emitting diode (LED) street lighting technologies. All are great topics for designers, planners, and practitioners.

On top of all the technical sessions will be the setting for a nice buffet lunch, complete with our featured luncheon speaker, election of next year's officers, recognition of our section volunteer committee chairs, and word on ITE from a national perspective. If you haven't already registered, please take advantage of the registration instructions on page 6. It should be a great meeting.

As your current president, I want to extend my gratitude and appreciation for all the volunteer contributions, fulfilled officer and committee assignments, organization and planning of the monthly meetings, and our outstanding list of speakers and moderators who have all contributed significantly over the past year. I say this at the risk of a few rolled eyes by readers, and having some thinking, "Here we go again, a litany of *thank-you's* coming from the outgoing president!" But since our heart and soul as a local ITE section stems from dedicated volunteer contributions and the personal participation from many full-time working members, one cannot say enough about those of you who make ITE WA such a rewarding and fulfilling association.

Finally, I would like to offer some concluding thoughts in

*(Continued on page 14)*



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# Vote by June 6 for the Section Secretary for 2013-2014

If you are a current member of ITE WA, please vote for the next Section Secretary, for the 2013-2014 year. We are pleased to have two active and enthusiastic candidates for the position: Paul Cho, PE, PTOE and Jamal Mahmoud, P.E. Please review their statements below. If you need an electronic or paper ballot, please contact Kevin Chang, Past President, at kevin.chang@kingcounty.gov. The results will be announced at the Annual Meeting and Conference on June 10. Thank you.

**Paul Cho, P.E., PTOE**
Traffic Operations Engineer, City of Redmond, WA

I am honored to run for the position of Secretary for the Washington State Chapter of Western ITE. It has been my pleasure to participate and share the knowledge and experience of our members acting as your Scribe since 2004. It is impossible to be experts at every aspect of Transportation. Yet, by building relationships, we are able to access the expertise needed to meet the ever increasing challenges. My commitment to this effort of collaboration makes me an excellent candidate to enhance the relationships between public, private, regional and local transportation professionals.

If elected as your secretary, I would continue the legacy of sound leadership that has been developed over the years as well as infuse my own vision and ideas. Specifically, I intend to focus on the following for our ITE Section:

1. Continue to provide relevant and affordable presentations and training that focus on member's needs and evolving trends.
2. Strengthen the relationship between Public, Private, Regional and Local professionals.
3. Increase interactions with our Student Chapter to help infuse new ideas and energies into our membership.
4. Improve our relationship with other professional associations such as ITS Washington and Northwest IMSA.

Thank you for your consideration.

**Jamal Mahmoud, P.E.**
Senior Discretionary Engineer, King County, WA

I am honored to have the opportunity to run for Secretary of the Washington State ITE Chapter for 2013-2014. I graduated from University of Wales, UK with a Bachelor degree in Civil Engineering and later obtained my Master degree in Transportation Engineering from Portland State University. I have over 20 years experience working as professional engineer with local governments and private sectors. In my last 10 years involvement with the ITE, I had the opportunity to serve as the Washington State Student Committee Co-Chair, and the ITE Annual Meeting Coordinator.

I intend to bring to Washington ITE Section, as your secretary, the following:

1. Increase member's exposure to and knowledge of local, national, and international issues.
2. Increase member's involvement in transportation-related public policy discussions and action.
3. Increase employer and employee awareness of the value of participation in ITE programs.
4. Attract students to the transportation profession as an opportunity to make a positive contribution to our section.
5. Increase ITE's capacity to provide training and access to information.
6. Increase meaningful and appropriate communications with related member groups.
7. ITE members will enjoy a collegial and collaborative environment that advances technical knowledge, provides opportunities for workforce development and creates forums for global information exchange and networking.

I kindly ask for your vote, my long time involvement with the ite makes me an excellent candidate for this position. Thank you.

# ITE-WA Annual Meeting and Conference

ite Washington State Section

**Technical Program**

The Golf Club at Newcastle, Newcastle, Washington

## 2013 ITE-WA Annual Meeting & Conference - Monday, June 10, 2013

| Time | Track A - Safety | Track B - Traffic Simulation & ITS | Track C - Featured Projects & Programs |
|---|---|---|---|
| 7:30 AM to 8:30 AM | Continental Breakfast Buffet (and Registration) | | |
| | Session A-1 Sponsored by the ITE-WA Safety Committee | Session B-1 Sponsored by the Traffic Simulation Roundtable | Session C-1 |
| | Moderator: Gary Norris, DN Traffic Consultants | Moderator: Matt Beaulieu, WSDOT NW Region | Moderator: Dina Swires, WSDOT NW Region |
| | **Target Zero - Toward Zero Deaths in Washington State** | **FHWA Traffic Analysis Projects** | **The Mini Roundabout: A Creative Solution to a Complex Situation** |
| 8:30 AM | Darrin Grondel, Washington Traffic Safety Commission | James Colyar FHWA | Jim Bloodgood Snohomish County |
| to | **Tracking Roadway Fatalities in Washington - A Progress Report** | **The First Penguin Through the Data Ice Hole: Using Cell Phone and GPS Data to Improve Integraded Models** | **Understanding How Roundabouts Fail** |
| 9:45 AM | Staci Hoff, Washington Traffic Safety Commission | Chris Breiland Fehr and Peers | Victor Salemann David Evans & Associates |
| | | **Masterminding the Mega Model - Our Experience with the I-95 HOT Lanes in Northern Virginia** | **Modeling Roundabouts with PTV Vissim and Vistro** |
| | | Joshua Johnson & Bill Love CH2M Hill | Randy Johnson PTV Group |
| 9:45 AM to 10:15 AM | Mid-Morning Break | | |
| | Session A-2 Sponsored by the ITE-WA Safety Committee | Session B-2 Sponsored by the Traffic Simulation Roundtable | Session C-2 |
| | Moderator: Robert Shull, Eco Resource Management | Moderator: Brian Woodburn, Parametrix | Moderator: Dan Samdahl, Fehr and Peers |
| | **Sustainable Highway Safety - WSDOT's Approach to Support Target Zero/ Highway Safety Manual Training:** | **Dynamic Traffic Assignment Applications in Bellevue** | **Right-sizing Streets: Context Sensitive Strategies** |
| 10:15 AM | Ida van Schalkwyk WSDOT Capital Program Development & Management | Hu Dong City of Bellevue | Brian Dougherty City of Seattle |
| to | **HSM Training Modules** | **Using VISSIM During Public Involvement** | **Right Size Parking: Factors Affecting Parking Utilization** |
| 11:30 AM | Ejaz Khan Clark County | Alex Kiheri Kittelson & Associates | Daniel Rowe King County Metro |
| | Steve Mullen City of Kent | **Analyzing Advanced Merging Strategies Using VISSIM** | **Using Big Data to Revolutionize Origin-Destination Studies** |
| | Last speaker to be determined soon | Tony Woody, CH2M Hill Nazmul Alam, WSDOT | Chris Breiland Fehr and Peers |
| 11:30 AM to 1:30 PM | Business Luncheon & Program Featured Speaker: John Campbell, Research Leader, Batelle Center for Human Performance and Safety a Naturalistic Driving Study in the Puget Sound Region | | Managing |
| | Session A-3 Sponsored by the ITE-WA Safety Committee | Session B-3 | Session C-3 |
| | Moderator: Gary Norris, DN Traffic Consultants | Moderator: Mark Madden, DKS Associates | Moderator: Dongho Chang, City of Seattle |
| | **Highway Safety Funding & Project Prioritization for Local Agencies** | **Rainier Avenue South ITS Project** | **Rectangular Rapid Flashing Beacons in Federal Way** |
| 1:30 PM | Matthew Enders WSDOT Highways & Local Programs | Joe Couples City of Seattle | Rick Perez, City of Federal Way Richard Hutchinson, KPG |
| 1:30 PM | Stevan Gorcester Transportation Improvement Board | **Washington Advances in Weigh Station Technology** | **How Did the Bicyclist Cross the Road? A Case Study of Two Traffic Signals in Seattle** |
| to | | Vic Bagnall, WSDOT Commercial Vehicle Services | Mike Hendrix Perteet Inc. |
| 2:45 PM | | **Bellevue's Adaptive Left Turn Signal Phasing** | |
| | | Mark Poch, City of Bellevue Fred Liang, City of Bellevue | |
| 2:45 PM to 3:00 PM | Mid-Afternoon Break | | |
| | Session A-4 Sponsored by the ITE-WA Safety Committee | Session B-4 | Session C-4 |
| | Moderator: Susan Bowe, WSDOT Highways & Local Programs | Moderator: Eric Shimizu, DKS Associates | Moderator: Caroline Brabrook, HW Lochner |
| | **Local Agency Safety Projects** | **Adaptive Signal Control: A Panel Discussion** | **Evaluating LED Street Lighting in Redmond** |
| 3:00 PM | Desiree Winkler City of Lakewood | Jim Peters DKS Associates | Paul Cho City of Redmond |
| to | Gary Owen City of Wenatchee | Martin Dedinsky WSDOT NW Region | **LED Street Lighting Case Study in the City of Seattle** |
| 4:15 PM | Rachel Dietzman San Juan County | Mike Whiteaker City of Bellevue | Steve Crume Seattle City Light |
| | Scott Davis Thurston County | | |

Washington State Section

Newcastle, WA
June 10, 2013

# 2013 ITE-WA Annual Meeting & Conference Registration Form

The Golf Club at Newcastle - 15500 Six Penny Lane, Newcastle, WA 98059, (425) 793-5566

Please note: The ITE-WA Annual Golf Tournament will be held on Tuesday, June 11 at the Canterwood Golf Club in Gig Harbor. See page 7 for more information or contact Mark Poch at mpoch@bellevuewa.gov.

The ITE Washington State Section is holding its Annual Meeting & Conference in the St. Andrews Ballroom and Prestwick Terrace meeting facilities of The Golf Club at Newcastle on Monday, June 10th. Newcastle's English Manor theme combined with panoramic views of the Seattle skyline, the Olympic Mountains, and Lake Washington should make for a wonderful setting for this year's event.

This year's program will feature three parallel tracks of technical sessions, covering Safety, Traffic Simulation and ITS Projects, and Featured Projects & Programs. The luncheon will include a presentation on ground-breaking research regarding driver behavior, member awards recognition, and election of officers for the upcoming year. With over 30 speakers, you will find a full day of regional showcase sessions covering some of the most interesting transportation initiatives in the Pacific Northwest, designed to provide you with tools to enhance your professional practice.

For location and directions to the meeting location, please visit the Golf Club website shown below. Included is information on a temporary construction detour due to possible lane closures on Coal Creek Parkway.

http://www.okigolf.com/Courses/NewCastle/Pages/Directions.aspx

AGENCY OR FIRM _____

STREET ADDRESS _____ ☐ BUSINESS ☐ HOME

CITY, STATE & ZIP CODE _____

PHONE _____

CONTACT E-MAIL _____ DATE _____

**Name(s) of Attendees from your Agency or Firm:**

NAME _____ NICKNAME _____ ☐ MS. ☐ MRS. ☐ MR.

TITLE _____

NAME _____ NICKNAME _____ ☐ MS. ☐ MRS. ☐ MR.

TITLE _____

NAME _____ NICKNAME _____ ☐ MS. ☐ MRS. ☐ MR.

TITLE _____

NAME _____ NICKNAME _____ ☐ MS. ☐ MRS. ☐ MR.

TITLE _____

**Please fill in the boxes below as appropriate:**

| Registration Fees | US Dollars | Number of People | Subtotal |
|---|---|---|---|
| **Full Registration** - includes all technical sessions, continental breakfast buffet, luncheon, morning & afternoon breaks *** reduced price available through May 31*** | $125 | | |
| **Student Registration** - includes all technical sessions, continental breakfast buffet, luncheon, morning & afternoon breaks. | $25 | | |
| **Last Minute / Day of Registration** - includes all technical sessions, continental breakfast buffet, luncheon, morning & afteroon breaks. ***June 1st to June 10th*** | $150 | | |
| | | **Total** | |

The buffet luncheon features soup, salad, roasted salmon, chicken parmesan, penne pasta, and dessert. Vegetarian lunches are available by advance request. Please insert in this box the number of attendees above who are requesting a vegetarian lunch.

**Prepayment is required**. Please send registration form and payment (checks or cash only, check made payable to "ITE - Washington State Section") to:

Bill Love
c/o CH2M HILL
1100 112th Ave NE, Suite 500
Bellevue, WA 98004
Phone: (425) 233-3650
e-mail: Bill.Love@ch2m.com

*Canterwood Golf & Country Club, Site of the 25th ITE Classic. Photo courtesy of ClubCorp.*

# ITE Golf Classic #25

Canterwood Golf & Country Club – Gig Harbor, WA
Tuesday, June 11th, 2013, 1:00 p.m. Shotgun Start
**Terry Gibson and Mark Poch – Tournament Chairs**

We have had a great response to this year's ITE Golf Classic, with nearly 80 golfers signed up and ready to test their skills at the beautiful Canterwood Golf and Country Club. We are looking forward to a great afternoon of food, fun, and fellowship. In celebration to the Classic's silver anniversary, our sponsors will be making a contribution to Engineers without Borders in addition to providing the banquet, team and competition prizes, and outstanding raffle prizes.

We couldn't have this event without the support of our great sponsors!! Please take a second to thank these individuals and companies when you can:

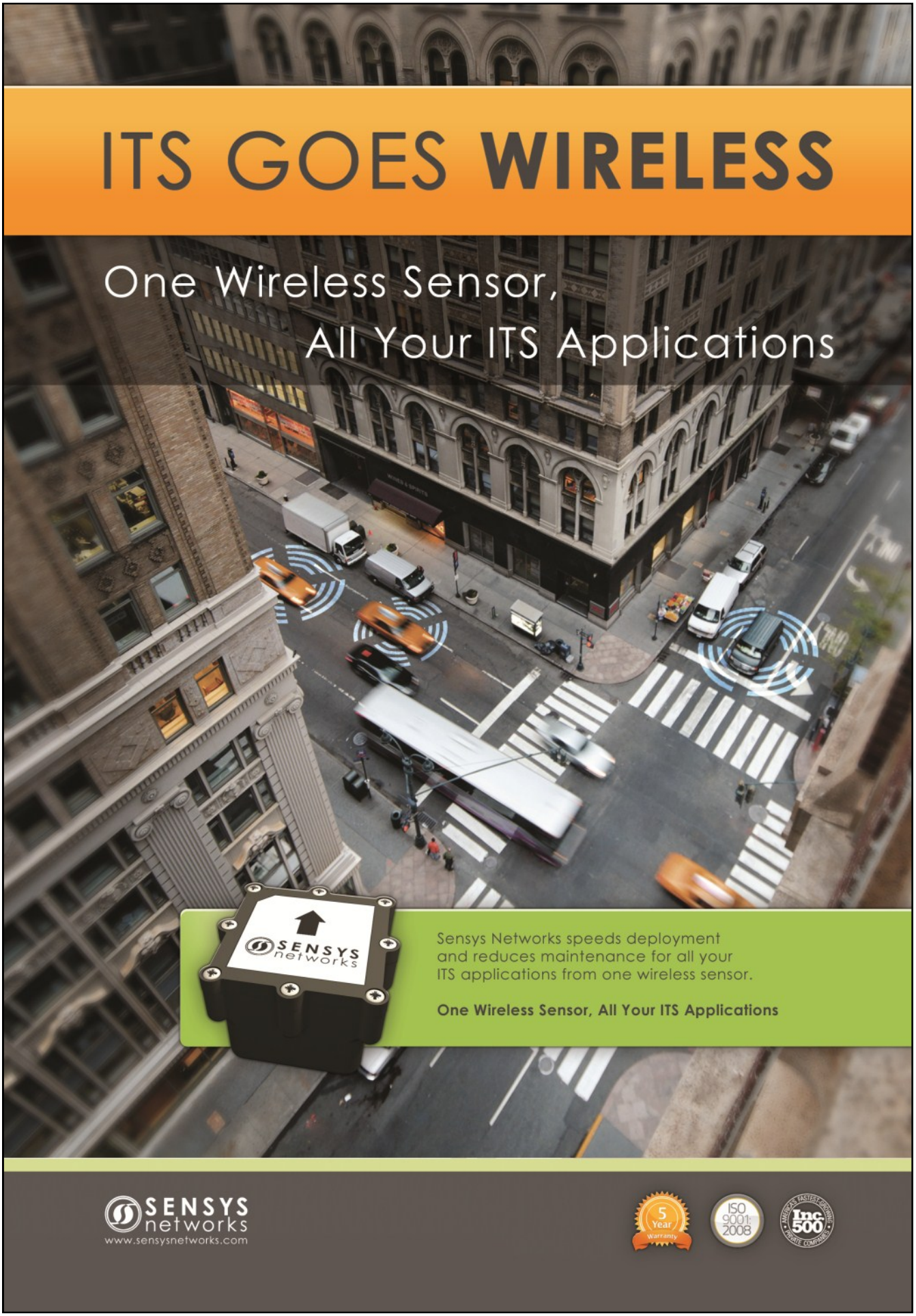
**All Traffic Data (Mark Skaggs) – Banquet**
**Advance Traffic Products (Mike Singson) – Competition Holes**
**Western Systems (Robert Nims) and Prime Electric (Bob Bracco) – Raffle Prizes**
**Tetra Tech/INCA (Scott Williams) – Team Awards**
**Kar-Gor (David Stone) – Engineers without Borders**

**Thanks also to KPG (Richard Hutchinson), Zumar (Tom Brandes) and TransCore ITS (Travis White) for their continued sponsorship of the Classic.**

Participants please sign in no later than 12:15 p.m. and come earlier if you like as we have use of the range prior to the shotgun start. If you have any questions about this year's event, please contact Mark Poch at mpoch@bellevuewa.gov.

Sincerely,

Terry Gibson and Mark Poch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# 2013 ITE International Annual Meeting and Exhibit

**August 4-7 – in Boston, Massachusetts**

*Photo courtesy of the Greater Boston Convention & Visitors Bureau*

Join us in Boston! The ITE 2013 Annual Meeting and Exhibit offers more than just your standard sessions. The meeting content will include sessions in a mix of presentation formats including hands-on practical application workshops. These sessions will focus on state-of-the practice, advancement of the profession, and emerging issues designed to benefit transportation professionals in the public and private sector and students. Also, networking events will provide opportunities to connect with colleagues outside of the sessions. Here's a sneak peek at what's in store for you:

- Strategies to adapt your transportation services to meet changing technological, demographic, political, financial, and environmental needs.
- Implementation and adaptation-focused Workshops and Seminars on safety, operations, planning, and design.
- Solutions to your biggest transportation conundrums straight from your colleagues in Peer-to-Peer Roundtables.
- New! Walkshops to explore multimodal transportation, land use, and urban design.
- New! Agency Spotlights to give you sustainable solutions to transform your operations and designs.
- New! Focus on Technology to explore and experience its impact on the industry, ITE, and you.
- New! Career Links designed to facilitate intuitive and ethical leadership and career engagement.

The meeting will be held at the Sheraton Boston and Hynes Convention Center. Get more information and download the preliminary program.

Register online or by fax/mail before July 8th, to take advantage of the discounted rates. See you in Boston!


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# 2013 ITE Western District Meeting

**July 14-17 – in Phoenix, Arizona**

The Arizona Local Arrangements Committee is in full production mode preparing to host the 2013 Western District Annual Meeting in Phoenix, Arizona. The committee is making sure to provide exhibitors, sponsors, professional, academia, and students with an opportunity to enhance their careers, share ideas, network at social functions, and recognize the achievements of colleagues. The draft technical program is made up for three technical tracks 1) Planning and Sustainability, 2) Operations and Design, and 3) Bicycles, Pedestrians, Transit, Rail & Safety.

The meeting will be held at the Arizona Biltmore on the Phoenix Mountain Preserve. Get more information, download the conference brochure, or register online.

# 2013 ITE WA Event Schedule

- **Monday, June 10** – Annual Meeting and Conference. Please see page 1 for more information.
- **Tuesday, June 11** – ITE Golf Classic #25. Please see page 7 for more information.
- **No meetings in July and August**
- **Events for September - December not yet determined.**


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**ITE WA website**

http://www.westernite.org/Sections/Washington/

*Students and professionals mix and mingle at the 2013 Student Night. Photo by Dongho Chang, ITE WA Vice President/Treasurer*

# Student Night was an A+ Night

By Dongho Chang, Vice President/Treasurer and Richard Hutchinson, Student Activities Committee Chair, KPG

ITE Student Night on Tuesday, May 14 at Ivar's Salmon House on north Lake Union was a great success. An outstanding turnout, 24 students and 36 members filled the banquet room. Richard Hutchinson, the Student Activities Chair, welcomed the attendees and thanked our student sponsors. Richard pointed out that All Traffic Data, The Transpo Group, Casseday Consulting, KPG, and TSI funded the student scholarships for the evening. Richard then introduced Kevin Chang, our Past President who filled in for Jim Ellison, our current President.

Kevin explained that Jim was not able to attend due to a medical condition. He provided background on how the student night evolved from student research project presentations in the past to the current project competition that is more dynamic. Kevin introduced Meghan MacKrell, the Assistant Director for Pacific NW Transportation Consortium. Meghan announced that PacTrans was established last year at the University of Washington and provides transportation research, education, and work force development in the area. More information about PacTrans can be found at http://depts.washington.edu/pactrans.

Two teams from the University of Washington then presented their conceptual designs for a Green Lake Way North Bicycle Facility Project in the Green Lake neighborhood of Seattle. Each team was supposed to address all

*(Continued on page 12)*

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Civil, Traffic and Structural

## Student Night

*(Continued from page 11)*

modes of operation, including motor vehicles, transit, bicyclists, and pedestrians with their conceptual design. Each team was also expected to evaluate the operation of the roadway corridor and consider traffic volumes, collision data, right of way, existing in-road structures, road geometry, parking utilization, transit headways, pedestrian and bicycle volumes, and roadway classification. The best proposal was to have creative solutions to improve safety and manage traffic flow. Both teams did a great job putting together poster boards and PowerPoint presentations to prepare a conceptual design.

Mathew Dunlap and Jerome Dresher presented their design concept first, for a two-lane roundabout at the N 50th Street and Green Lake Way N. intersection. They described design details such as using flexible pylons to provide better separation of bicyclists in the bike lane and routing bicyclists and pedestrians into the roundabout. The team recommended traffic analysis, parking study, and right of way review to ensure that the project is feasible. The team of Mallory Wilde and Tom Le then presented their project proposal. They described their review of relevant documents, such as the Complete Street Policy and Bicycle/Pedestrian Master Plans, to formulate their concept design. The proposed design provided bicycle lanes, bike boxes, crosswalks, and removal of a left turn pocket. A detailed cost estimate was also provided.

*The Student Activities Committee Chair (middle) congratulates members of the two competing student teams. Left to right: Mallory Wilde, Tom Le, Richard Hutchinson, Mathew Dunlap, and Jerome Dresher.*

The audience then voted for the best project and Richard Hutchinson awarded prizes. The $500 first place winner was the team of Mallory Wilde and Tom Le and the $300 second place winner was the team of Mathew Dunlap and Jerome Dresher.

Richard also announced and congratulated Matthew Desmarais and Tingting Wang as the recipients of the Undergraduate ($1,500) and Graduate ($2,000) Scholarships. Both students were from the UW. The scholarships are available to students pursuing a degree in transportation engineering or transportation planning. Richard encouraged the students in the audience to apply for the 2014 scholarships.

Kevin Chang introduced the current officers and then announced that the 2014 ITE National Annual meeting will be held in Seattle. Jim Bloodgood and Rory Grindley will be leading the Local Arrangement Committee. Jim and Rory thanked everyone in advance for volunteering to help with this event. Kevin announced that the ballot for the position of ITE-WA Secretary for the 2013-2014 year was e-mailed to members. The candidates are Paul Cho from City of Redmond and Jamal Mahmoud from King County. Jamal provided a brief statement to the attendees. Paul, however, was unable to attend Student Night. If you are a member of ITE WA and have not voted yet, please read the candidate statements on page 4 and vote by June 6, 2013.

Richard closed the evening by thanking the students and the sponsors and other professionals in attendance. Again, thank you to All Traffic Data and The Transpo Group for each donating $500 for the event as well as Casseday Consulting, KPG, and TSI who donated $250 each. Also, thanks to the City of Seattle for providing a great project for this year's competition.

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# A Word of Thanks

Several of you might have heard that I experienced a surprising turn of events this past month. As one who enjoys running, I had completed Spokane's 2013 Bloomsday 12k run, including its famous "Doomsday Hill," on May 5. Out of 218 males of my age, I finished 6th. However, just four days later, at a social function, I lost consciousness and earned an unanticipated trip and stay at a local hospital. To make a long story short, I can say this: I now know the value of having a pacemaker! And I truly recognize the value of having good people working at hospitals.

Although I find myself still shaking my head at times over this experience, I am more overwhelmed by the concerns, prayers and well wishes that I have received from many colleagues, ITE members, and of course, close friends and family. In receiving such support, strength, and encouragement, I thank you from the bottom of my heart.

Jim Ellison


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## Letter from the President

*(Continued from page 2)*

this last article of the ITE-WA year, based upon personal experiences and influences. The thoughts that follow are listed and numbered only for the sake of clarity:

1. ***Be safe.*** Whether you are driving a car or truck, bicycling, walking, motorcycling, or are a passenger in a vehicle, please be mindful of taking the necessary actions to travel safely. My earliest experience in this realm occurred during my senior year at the UW, before any of our younger ITE members were born, and before our state had a seat belt law. I attended a traffic and transportation engineering conference at which a local physician presented an impassioned plea that emphasized traffic safety in two primary ways: (1) Eliminate the use of hood ornaments, due to their destructive nature if a pedestrian is hit atop the hood, and (2) Have everyone wear a seatbelt. He emphasized these points by showing photos which showed pedestrians injured by hood ornaments and drivers injured by practically anything their head had hit on a dashboard. Immediately after the presentation, I went out to my car, and manually adjusted the seat belt to fit me snugly. I have been wearing a seat belt ever since that day (it didn't take a subsequent State law to convince me). Fortunately, my car did not have a hood ornament.

2. ***Find your passion.*** One of our country's first and most respected leaders of the Federal Bureau of Public Roads, Thomas MacDonald, was instrumental in relentlessly partnering with states to develop and construct the first national highway system. He was quoted in 1919 as stating, "There is no work more worthwhile. I have yet to know anyone who has devoted a considerable period of his life to the building of roads who is not conscious of having accomplished results whose returns to the public in service can scarcely be measured." Of course 94 years later, we expand that work and that passion to include traffic, transportation, and transit planning, engineering, operations, construction, and maintenance.

3. ***Look for continuous learning and improvement.*** Some of our U.S. companies and agencies have expanded upon the Japanese process of "Kaizen" to describe the goal of continuous, incremental, daily improvement on a personal level and at all levels of an organization. A graphics company is quoted as defining Kaizen as "a system of continuous improvement in quality, technology, processes, company culture, productivity, safety and leadership."

4. ***Nurture and enjoy professional relationships.*** The thirst for technical knowledge and experience drives us all, and its effective application helps support the continued development of our transportation infrastructure. Likewise, effective professional working relationships bring opportunities for enhanced coordination, cooperation, and personal/professional fulfillment. As an example, becoming active in ITE activities affords the chance to work side by side with peers that one might not normally have an opportunity to work with or otherwise get to know.

5. ***Value potential public and private partnerships.*** I always considered it invaluable for a public agency member to be aware of the most effective ways to interact with, contract with, and problem-solve with a consultant. And equally as important, how invaluable it is for a consultant to be aware of the most effective ways to work with or for a public agency. And for those who have worked for both an agency and a consultant during their careers, hopefully those experiences lend them that two-way perspective for the rest of their careers.

6. ***Give back to the profession.*** Consider opportunities to contribute to the transportation engineering or planning profession. It could be a focus on student mentoring, sharing of technical information through meetings or conferences, becoming active on statewide or national committees, or further enhancing or supporting our local ITE-WA Section. If you are interested in getting started, feel free to contact me.

Have a great summer and be safe!

Jim Ellison, President
itewapresident@gmail.com or jim@jameswellison.com

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