

**CONSORTIUM for COMPUTING SCIENCES in COLLEGES**  
**University of Washington, Bothell – Bothell, WA**

Northwestern Conference, 2005 PROGRAM  
 October 14 - 15, 2005

**Registration** 12 p.m. - 5 p.m. **UW2 Entry**  
**WELCOME** 1 p.m. - 1:15 p.m. **UW2 room 005**  
 Carol Zander, Conference Chair, University of Washington, Bothell  
 Steven G. Olswang, Interim Chancellor

**National Sponsor: IBM, Microsoft,**  
**National Computational Sciences Institute**

**STUDENT POSTERS** will be on display --  
 3<sup>rd</sup> floor Vista, UW1 during the conference.

**KEYNOTE SPEAKER** 1:15 p.m. - 2:15 p.m. **UW2 room 005**  
**Scott Meyers** Software Development Consultant, [www.aristeia.com](http://www.aristeia.com)  
 Noted author of Effective C++ series

**The Keyhole Problem**

Friday pre-session 10:30 a.m. - 12:30 p.m.  
 Developing a Windows Mobile Application with Visual Studio 2005 and SQL Mobile 2005

UW1 room 310  
 Microsoft Academic Relations Team

**FRIDAY CONCURRENT SESSIONS I 2:30 p.m. - 3:45 p.m.**

Papers UW1 room 202	Papers UW1 room 220	Talk & Discussion UW1 room 210
<b>Moderator: Brent Wilson</b> , George Fox Univ, CCSCNW Membership  <i>Using Course Portfolios to Create a Disciplinary Commons across Institutions</i> Josh Tenenberg, Univ. of Washington, Tacoma Qi Wang, Tacoma Community College  <i>Taking a Minute to Complete the Loop: Using Electronic Classroom Assessment Techniques in Computer Science Labs</i> Laurie Murphy, David Wolff, Pacific Lutheran U	<b>Moderator: Jenny Orr</b> , Willamette University, CCSCNW Editor  <i>Cutting-Edge Research by Undergraduates on a Shoestring?</i> Katrin Becker, University of Calgary  <i>Research With Undergraduates: A Survey of Best Practices</i> Karen Ward, University of Portland.	<i>A National Challenge: Computational Science across the Curriculum</i>  <b>Robert M. Panoff, Ph.D.</b> President and Executive Director Shodor Education Foundation National Computational Science Institute

**Break 3:45 p.m. - 4 p.m. 3<sup>rd</sup> floor Vista, UW1**

**FRIDAY CONCURRENT SESSIONS II 4 p.m. - 5:30 p.m. (\*extra 15 min. length)**

Papers UW1 room 202	Panels UW1 room 220	Tutorial UW1 room 210
<b>Moderator: George Hauser</b> , Pacific Lutheran U, CCSCNW Secretary  <i>Profiler Tool Selection for Curricular Support</i> Catrin Riggs, Ruth Hackney, Leigh Momii, Adair Dingle, Seattle University  <i>A Survey of Contemporary Instructional Operating Systems for Use in Undergraduate Courses</i> Charles L. Anderson, Minh Nguyen, Western Oregon University  <i>An Integrated Course in Architecture and Compilers</i> Sahnny Johnson, Fritz Ruehr, Willamette University	<i>Research with Undergraduates</i> Karen Ward, University of Portland Judy Cushing, The Evergreen State College Peter Drake, Lewis and Clark College Jim Fix, Reed College  <i>Promoting Undergraduate Research in Teaching-Oriented Colleges and Universities</i> David Joslin, Seattle University Ivan Lumala, Microsoft Corporation Catrin Riggs, Seattle University Vibha Sazawal, University of Washington	<i>Kinesthetic Learning in the Classroom</i>  <b>Steve Wolfman</b> , University of British Columbia  <b>Rebecca Bates</b> , Minnesota State University

**SOCIAL HOUR/Birds of a Feather groups 5:45 p.m. 3<sup>rd</sup> floor Vista, UW1**  
**FRIDAY BANQUET 6:30 p.m. North Creek Café**  
**BANQUET ADDRESS 7:30 p.m.**

**Continental Breakfast****7:45 a.m. - 8:30 a.m.****3<sup>rd</sup> floor Vista, UW1****SATURDAY CONCURRENT SESSIONS I****8:30 a.m. - 9:45 a.m.**

Papers Moderator: Tim Rolfe, Eastern Washington University, CCSCNW 2006 Site Chair	Panel UW1 room 220	Tutorial UW1 room 310
<p><i>Introduction to Parallel Programming using Message-Passing Interface (MPI)</i></p> <p>Brent Wilson, George Fox University</p> <p><i>Digital Logic Design for Computer Science Major Students</i></p> <p>Kosuke Imamura, Eastern Washington Univ</p>	<p><i>What's New in CS1 and CS2</i></p> <p>Carol Zander, Univ of Washington, Bothell Barbara Goldner, North Seattle Community College Stuart Reges, Univ of Washington, Seattle Marty Stepp, Univ of Washington, Tacoma</p>	<p><i>Combining OpenGL &amp; Java with JOGL</i></p> <p>David Wolff, Pacific Lutheran University</p>

**Break****9:45 a.m. - 10 a.m.****3<sup>rd</sup> floor Vista, UW1****SATURDAY CONCURRENT SESSIONS II****10 a.m. - 11:15 a.m.**

Papers Moderator: Sharon Tuttle, Humboldt State University, CCSCNW 2005 Papers Chair	Papers Moderator: David Wolff, Pacific Lutheran University, CCSCNW Treasurer	Tutorial UW1 room 310
<p><i>A Sin of Omission: Database Transactions</i></p> <p>David Hansen, George Fox University</p> <p><i>Undergraduate Consultation: Opportunities and Challenges</i></p> <p>John Paxton, Montana State University</p>	<p><i>Collaborative, Problem-Based Learning in Computer Science</i></p> <p>Donald Chinn, Kristofer Martin, University of Washington, Tacoma</p> <p><i>A New Collaborative Teaching Model Applied to Digital Music and 3D Computer Animation</i></p> <p>Genevieve Orr, Michael Nord, Willamette University</p>	<p><i>Java5: An Evolving Programming Language</i></p> <p>Paul Haiduk, West Texas A&amp;M University</p>

**Break****11:15 a.m. - 11:30 a.m. 3<sup>rd</sup> floor Vista, UW1****SATURDAY CONCURRENT SESSIONS III****11:30 a.m. - 12:45 p.m.**

Papers Moderator: Ray Hamel Eastern Washington University, CCSCNW 2006 Conference Chair	Panel UW1 room 220	BOF UW1 3 <sup>rd</sup> floor Vista
<p><i>Sure Fire Programming: A General Framework for Independent Projects in Computer Science</i></p> <p>Michelle Hribar, Pacific University</p> <p><i>Integrating Accessibility into the Computer Science Curriculum</i></p> <p>Ed Gellenbeck, Central Washington Univ</p>	<p><i>Models for CS K-12 Outreach Activities</i></p> <p>Tammy VanDeGrift, University of Washington Laurie Murphy, Pacific Lutheran University Brad Richards, Vassar College Brent Wilson, George Fox University</p>	<p><i>Birds of a Feather sessions (open discussion groups)</i></p> <p>E.g.,</p> <ul style="list-style-type: none"> <li>-- Nifty assignments</li> <li>-- Student participation at CCSC</li> <li>-- Games in computer science</li> <li>-- Using Python in CS1</li> </ul>

**SATURDAY LUNCH****1 p.m.****UW2 Commons****SATURDAY WRAP-UP****1:15 p.m.****UW2 Commons****CCSC-NW Regional Board and 2006 Committee Meeting - All are welcome to attend.****1:30 p.m. - 2:15 p.m.****UW2 Commons**