

**CONSORTIUM for COMPUTING SCIENCES in COLLEGES**  
**Northwestern Conference, 2003 PROGRAM**  
**Central Washington University, Ellensburg, WA**  
**October 3 – 4, 2003**

**Registration 12:00 p.m. - 5:00 p.m., Vantage Room**

**WELCOME 1:00 p.m. - 1:15 p.m., Elaine Wright Room**  
**Jim Schwing, Central Washington University**  
**President Jerilyn McIntyre, Central Washington University**

**FRIDAY KEYNOTE SPEAKER 1:15 p.m. – 2:15 p.m., Elaine Wright Room**  
**Joan Francioni, Winona State University – Making Computer Science Accessible for Students with Visual Disabilities**

**STUDENT POSTERS will be on display in Vantage Room during the conference.**

**FRIDAY CONCURRENT SESSIONS I 2:30 p.m. – 4:00 p.m. (\*extra 15 min. length)**

<b>Papers Central Room Moderator: Rob Bryant, Gonzaga U.</b>	<b>Panel Elaine Wright Room</b>	<b>Tutorial Shaw-Smyser 109</b>	<b>Tutorial Shaw-Smyser 106</b>
<p><b>A Multiple-Intelligences Approach to Teaching Number Systems – Katrin Becker, University of Calgary</b></p> <p><b>Fact-Based Problem Identification Precedes Problem Solving – E. Grant Eastman, Central Washington University</b></p> <p><b>The Development of a CS0 Course for Distance Delivery – Kenrick Mock, University of Alaska, Anchorage</b></p>	<p><b>Assessment of Student Learning in Computer Science Education – Vibha Sazawal, Sarah Schwarm, Univ. of Washington, Barbara Goldner, North Seattle Comm. College, Ed Gellenbeck, Central Washington Univ., Carol Zander, Univ. of Washington-Bothell</b></p>	<p><b>Impact of Quantum Computing on Computer Science/Engineering Education – Richard Spillman, Pacific Lutheran Univ.</b></p>	<p><b>Building Client/Server Applications with Oracle9i, JDBC, and SQLJ – Douglas Bickerstaff, Sean Drexler, Ray Moro, Mike Lewis, Eastern Washington Univ.</b></p>

**Break 4:00 p.m. – 4:15 p.m., Vantage Room**  
**FRIDAY CONCURRENT SESSIONS II 4:15 p.m. – 5:30 p.m.**

<b>Papers Central Room Moderator: Phil Prins, Seattle Pacific U.</b>	<b>Panel, Elaine Wright Room</b>	<b>Panel Shaw-Smyser 106</b>
<p><b>Hierarchical Disk Cache Management in RAID 5 Controller – Jung-ho Huh, Tae-mu Chang, Dongguk University, Korea</b></p> <p><b>Performance Evaluation of Memory Systems in a Computer Architecture Course – Mohamad R. Neilforoshan, The Richard Stockton College of New Jersey</b></p>	<p><b>Computing Curriculum 2001: How Does This Report Affect the Computing Science Curricula? – Grant Eastman, Central Washington Univ., George Hauser, Ken Blaha, Pacific Lutheran Univ., Elaine Weltz, Seattle Pacific Univ., Ron Tenison, Linfield College, Sharon Tuttle, Humboldt State Univ., Judy Cushing, Evergreen State College</b></p>	<p><b>The Washington Center for Information Technology: Preparing Students for the Current Job Market – Lynn Bly, WCIT, Lori Braunstein, Cathy Bertelson, Central Washington Univ.</b></p>

**SOCIAL HOUR 5:45 p.m. Vantage Room**

**FRIDAY BANQUET 6:30 p.m. Munson Dining Room**  
**Banquet Speaker: Steve Cunningham, National Science Foundation**

**Continental Breakfast 7:45 a.m. - 8:30 a.m., Vantage Room**  
**SATURDAY CONCURRENT SESSIONS I 8:30 a.m.– 9:45 a.m.**

<b>Papers</b> <b>Central Room</b> <b>Moderator: George Hauser, Pacific Lutheran U.</b>	<b>Panel</b> <b>Elaine Wright Room</b>	<b>Workshop</b> <b>Shaw-Smyser 106</b>
<p><b>Towards Best Practices in Software Lifecycle Teamwork Development –</b>  <b>Judy Cushing,</b>  <b>George Freeman,</b> The Evergreen State College,  <b>Kate Cunningham,</b> IDX Corporation</p> <p><b>Reinforcing Programming Language Concepts through Implementation in a Concept-Based Course –</b> <b>Timothy Fossum</b>  <b>Susan Haller,</b> University of Wisconsin - Parkside</p>	<p><b>The Role of the Data Structures Course in the Computing Curriculum –</b>  <b>Donald Chinn,</b>  <b>Josh Tenenberg,</b> Univ., of Washington, Tacoma  <b>Phil Prins,</b> Seattle Pacific University</p>	<p><b>Microsoft .Net Programming (Part 1A): Building Applications with C# –</b>  <b>Joe Hummel,</b> Lake Forest College</p>

**Break 9:45 a.m. – 10:00 a.m., Vantage Room**  
**SATURDAY CONCURRENT SESSIONS II 10:00 a.m. – 11:15 a.m.**

<b>Papers</b> <b>Central Room</b> <b>Moderator: David Wolff, Pacific Lutheran U.</b>	<b>Tutorial</b> <b>Elaine Wright Room</b>	<b>Workshop</b> <b>Shaw-Smyser 106</b>
<p><b>The Environmental Effect and Waste Management of Computer Manufacturing–</b>  <b>Mohamad R. Neilforoshan,</b> The Richard Stockton College of New Jersey</p> <p><b>License Tracing in Free, Open, and Proprietary Software –</b>  <b>Pete Nordquist, Anna Petersen,</b>  <b>Angelina Todorova,</b> Southern Oregon University</p>	<p><b>Teaching Introductory Classes Using LEGO Robotics –</b>  <b>Sherry Yang, Todd Breedlove, Ralph Carestia</b>  Oregon Institute of Technology</p>	<p><b>Microsoft .Net Programming (Part 1B): Building Applications with C# –</b>  <b>Joe Hummel,</b> Lake Forest College</p>

**Break 11:15 a.m. – 11:30 a.m., Vantage Room**  
**SATURDAY CONCURRENT SESSIONS III 11:30 a.m.– 12:45 p.m.**

<b>Papers Central Room Moderator: Jenny Orr, Willamette U.</b>	<b>Workshop Elaine Wright Room</b>	<b>Workshop Shaw-Smyser 106</b>
<p><b>An Assessment and Evaluation of Computer Science Education – Jennifer R. Parham, University of Montana</b></p> <p><b>Course Modularization for Improved Delivery and Assessment – Scott Burgess, Humboldt State University</b></p>	<p><b>Copyright, Law and Ethics on the Web – Issues for the Computing Educator – Rebecca Rutherford, Southern Polytechnic State University</b></p>	<p><b>Microsoft .Net Programming (Part 2A): Web Apps in ASP.NET and C# – Joe Hummel, Lake Forest College</b></p> <p><b>*See afternoon session for part 2B</b></p>

**SATURDAY LUNCH 1:00 p.m., Elaine Wright Room**

**SATURDAY WRAP-UP 1:45 p.m., Elaine Wright Room**

**CCSC-NW Regional Board and 2004 Committee Meeting – All are welcome to attend.  
1:45 p.m. – 2:30 p.m., Elaine Wright Room**

**SATURDAY AFTERNOON SESSION 2:30 p.m.– 4:00 p.m.**

		<b>Workshop Shaw-Smyser 106</b>
		<p><b>Microsoft .Net Programming (Part 2B): Web Apps in ASP.NET and C# – Joe Hummel, Lake Forest College</b></p>