CONSORTIUM for COMPUTING SCIENCES in COLLEGES
Northwestern Conference, 2004 PROGRAM
Willamette University, Salem, OR
October 8 – 9, 2004

Registration 12:00 p.m. - 5:00 p.m., 3rd floor lobby, Putnam University Center (PUC)

WELCOME 1:00 p.m. - 1:15 p.m., Alumni Lounge (PUC)
Jenny Orr, Willamette University
College of Liberal Arts Dean: Carol Long, Willamette University

FRIDAY KEYNOTE SPEAKER 1:15 p.m. – 2:15 p.m., Alumni Lounge (PUC)
Dylan McNamee, eXanetworks, Inc.
Using Video Games to Motivate Computer Science

STUDENT POSTERS will be on display in 3rd floor entry way - PUC during the conference.

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

Papers Alumni Lounge - PUC Moderator: Carol Zander, UW Bothell	Papers Autzen - PUC Moderator: Dave Wolff, Pacific Lutheran U.	Panel Collins 408
Reclaiming Garbage and Education: Java Memory Leaks **Adair Dingle,** Seattle U. ***Teaching with Tablet PC's*** **Kenrick Mock**, U. Alaska Anchorage ***Reconciling a Traditional Syllabus with an Inquiry-Based Introductory Course*** **Katrin Becker ,** U. Calgary	***Teaching Hardware and Computer Organization Using a Distance-Learning Format*** **Arnold S. Berger,** UW Bothell ***Assembly Language is More Than a Teaching Tool*** **Kosuke Imamura,** E. Washington U. ***Teaching Parallel Computing using Beowulf Clusters: A Laboratory Approach*** **Philip R. Prins,** Seattle Pacific U.	***Building Software That Works - The Educational Component*** **Andrew Black,** Oregon Graduate Institute, **Judy Cushing,** Evergreen State College, **Fritz Ruehr,** Willamette U., **Tim Sheard,** Oregon Graduate Institute

Break 4:00 p.m. – 4:15 p.m., 3rd floor entry way - PUC
FRIDAY CONCURRENT SESSIONS II 4:15 p.m. – 5:30 p.m.

Papers Alumni Lounge - PUC Moderator: Mike Panitz, UW Bothell	Papers Autzen - PUC Moderator: George Hauser, Pacific Lutheran U.	Panel Collins 408
Algorithm Analysis for Returning Adult Students **Kelvin Sung,** UW Bothell ***The SFC Editor - A Graphical Tool for Algorithm Development*** **Tia Watts,** Sonoma State U.	***Ensuring Capstone Project Success for a Diverse Student Body*** **Thomas E. Carpenter Jr., Adair Dingle, David Joslin,** Seattle U. ***The Fifty-Four Day Thesis Proposal: First Experiences with a Research Course*** **Karen Ward,** UT El Paso	***Game Development as a Culminating Activity for CS Majors*** **R. William Clark,** Eastern Wash. U., **Atsushi Inoue,** Eastern Washington U.,

SOCIAL HOUR/Birds of a Feather groups 5:45 p.m. Cat Cavern - PUC

FRIDAY BANQUET 6:30 p.m. Cat Cavern - PUC

BANQUET ADDRESS 7:30 p.m.

Speakers: **Louise Stevens and Karen Peterson, Northwest Girls Collaborative Project (NWGCP)**
Donna Evans, Brewster WA Public School District
Girl Power – Advancing the Agenda in Gender Equity and Breaking Boundaries in Science and Engineering for Hispanic Girls

Continental Breakfast 7:45 a.m. - 8:30 a.m., 3rd floor entry way - PUC
SATURDAY CONCURRENT SESSIONS I 8:30 a.m. – 9:45 a.m.

Papers Alumni Lounge - PUC Moderator: Phil Prins, Seattle Pacific U.	Papers Autzen - PUC Moderator: Brent Wilson, George Fox U.	Tutorial Collins 407
A Software Tool for Teaching Classical & Contemporary Cryptology **Richard Spillman,** Pacific Lutheran U. *Game Programming and the Myth of Child's Play* **Greg Pleva,** S. Oregon U.	*Web Design!* **John Paxton,** Montana St U. *A Web-Based Tool for Managing the Submission of Student Work* **David Wolff**, Pacific Lutheran U.	*Creating an Introductory Embedded Systems Course for the Computer Science Curriculum* **Richard A. Sevenich,** Eastern Wash. U.

Break 9:45 a.m. – 10:00 a.m., 3rd floor entry way - PUC
SATURDAY CONCURRENT SESSIONS II 10:00 a.m. – 11:15 a.m.

Papers Alumni Lounge - PUC Moderator: Ron Tenison, Linfield College	Autzen - PUC	Tutorial Collins 408	Tutorial Collins 407
Computer Ethics in the Undergraduate Curriculum: Case Studies and the Joint Software Engineer's Code **Don Gotterbarn,** E. Tennessee S. U., **Keith Miller,** U. Illinois Springfield *Narrowing the Digital Divide: In Search of a Map to Mend the Gap* **Mary Kirk,** Metropolitan U., **Carol Zander,** UW Bothell	**Open for Group Discussion**	*Building GUI Database Applications with JavaBeans and JDBC* **Douglas D. Bickerstaff, Ray Moro,** Eastern Wash. U.	*Building Applications for Mobile Devices with .NET* **Martin Dwomoh-Tweneboah,** Linfield College

Break 11:15 a.m. – 11:30 a.m., 3rd floor entry way - PUC
SATURDAY CONCURRENT SESSIONS III 11:30 a.m. – 12:45 p.m.

Papers Alumni Lounge - PUC Moderator: Ed Gellenbeck, Central Wash. U.	Autzen - PUC	Tutorial Collins 408	Tutorial Collins 407
Test Driven Development on the Cheap: Text Files and Explicit Scaffolding Keith W. Miller, U. Illinois Springfield *Introducing Application Design and Software Engineering Principles in Introductory CS Courses: Model-View-Controller Java Application Framework* Scot F. Morse, W. Oregon U.	**Open for Group Discussion**	*The Geowall, A Three Dimensional Stereo Viewing System* Greg Pleva, Southern Oregon U.	*Robot Control and Embedded Systems on Inexpensive Linux Platforms* Ed C. Epp, Intel Corporation

SATURDAY LUNCH 1:00 p.m., Alumni Lounge - PUC

SATURDAY WRAP-UP 1:15 p.m., Alumni Lounge - PUC

CCSC-NW Regional Board and 2005 Committee Meeting – All are welcome to attend.
1:30 p.m. – 2:15 p.m., Alumni Lounge - PUC