

# DR. BRENT D. WILSON

## EDUCATION

---

2006-2009	Colorado Technical University Doctorate of Computer Science	Colorado Springs, Colorado
1997-2000	Nova Southeastern University Master of Science Degree - Computer Science	Ft. Lauderdale, Florida
1986-1989	Western Oregon University Master of Arts Degree – Advanced Mathematics & Computer Science Education	Monmouth, Oregon
1982-1986	Western Oregon University Bachelor of Science Degree - Computer Science	Monmouth, Oregon
1982-1986	Western Oregon University Bachelor of Science Degree - Mathematics	Monmouth, Oregon

## PROFESSIONAL HISTORY

---

1994-present	George Fox University Associate Professor Computer Science, Information Systems, & Cyber Security	Newberg, Oregon
--------------	---	-----------------

## PROFESSIONAL AFFILIATIONS & BOARD MEMBERSHIPS

---

2014-present	Advisory Board member, Oregon Computer Science Teachers Association
2002-present	Member of the National Board of Directors of the Consortium for Computing Sciences in Colleges (CCSC).
2002-present	Member of the NW Regional Board of Directors of the Consortium for Computing Sciences in Colleges (CCSC).
2006-2011	Technical Member of Advisory Board Oregon Aesthetic Technologies – Portland, Oregon
1996-present	Member of IEEE Computer Society
1996-present	Member of ACM (Association of Computing Machinery) Special Interest Group Membership: Computer Science Education

## PUBLICATIONS

---

- Wilson, B. (expected early 2017). “*Big Java: Late Objects 2<sup>nd</sup> ed. - Solutions*”, Wiley Publishing.
- Wilson, B., Vandeberg, M. (2015). Easy Distributed Grid Architecture for Research: Easy Access to Supercomputing. *Journal of Computing Sciences in Colleges*, vol. 31(1)
- Wilson, B. (2015). “*Big Java: Early Objects 6<sup>th</sup> ed. - Solutions*”, Wiley Publishing.
- Wilson, B., Abbas, A., Diesch, K., Garvin, C., Hall, L., Lowe, T. (2014). *Principles of Programming*. Chicago, IL: Words of Wisdom Publishing
- Wilson, B. (2013). “*Big Java: Early Objects 5<sup>th</sup> ed. - Solutions*”, Wiley Publishing.
- Wilson, B., & Willshire, M.J. (2009). EDGAR – Grid computing project. *Journal of Computing Sciences in Colleges*, 25(2), 52-57.
- Wilson, B. (2009). Distributed shared checkpointing in enterprise desktop grids (Doctoral dissertation, Colorado Technical University, 2009).
- Wilson, B., Aman, J., & Bourget, J. (2008). Wanted – trained security specialists. *Journal of Computing Sciences in Colleges*, 24(2), 50-55.
- Aman, J., Wilson, B., & Shirvani, S. (2007). Maintaining lecture context in a blended course. *Journal of Computing Sciences in Colleges*, 23(1), 56-63.
- Wilson, B., Aman, J., & Shirvani, S. (2007). Evolving from traditional to hybrid: placing presentations into context for students. *Journal of Computing Sciences in Colleges*, 23(2), 9-15.
- Wilson, B. (2005). Introduction to parallel programming using message-passing interface (MPI). *Journal of Computing Sciences in Colleges*, 21(1), 207-211.
- Carr, K., Gardner, F., Munsch, T., Odell, M., & Wilson, B. (2003). The role of on-line, asynchronous interaction in student development of light and color concepts. *Journal of Interactive Online Learning*.

## CONFERENCE PRESENTATIONS

---

- |      |   |
|------|---|
| 2016 | Invited Panelist, “ <i>Computer Science Program Evaluation &amp; Curriculum Assessment</i> ,” 17 <sup>th</sup> Annual Northwest Conference of the Consortium of Computing Sciences in Colleges (Fall, 2016)                   |
| 2016 | Invited Panelist, “ <i>How AP Computer Science Principles and AP Computer Science A fit with our schools</i> ,” 17 <sup>th</sup> Annual Northwest Conference of the Consortium of Computing Sciences in Colleges (Fall, 2016) |
| 2016 | Invited Speaker, “ <i>Secure Software – Coding Securely</i> .” The Tech Academy. Portland, Oregon. (July, 2016)   |
| 2015 | Invited Speaker, “ <i>EDGAR, Supercomputer Implementation</i> .” Swarthmore College Computer Science Department Research Talk. Swarthmore, Pennsylvania. (Fall, 2015)   |

- 2015 Invited Speaker, "*Supercomputing for Everyone, Easy Distributed Grid Architecture for Research (EDGAR)*," 20<sup>th</sup> Biennial Conference of the ACMS, Anacaster, ON, Canada.
- 2013 Invited Panelist, "*MOOC's and Their Role in Computer Science Higher Education*," 15<sup>th</sup> Annual Northwest Conference of the Consortium of Computing Sciences in Colleges.
- 2013 "*Android Apps: as Easy as 1-2-3*," Conference Session Presentation for the Northwest Council for Computer Education Conference, Portland Oregon.
- 2013 "*Android Development Made Easy*," Workshop for the Northwest Council for Computer Education Conference, Portland Oregon.
- 2008 Invited Panelist, "*The Content and Role of the Computer Graphics Course in Small, Liberal Arts Colleges*," 10<sup>th</sup> Annual Northwest Conference of the Consortium of Computing Sciences in Colleges.
- 2005 Invited Panelist, "*Models for computer science K-12 outreach activities*," 7<sup>th</sup> Annual Northwest Conference of the Consortium of Computing Sciences in Colleges.
- 2005 Poster Presentation, Society of Computers in Psychology's 35<sup>th</sup> Annual Conference, "*Creating images for perception*," Toronto, Canada. Co-Authored with Koch, C., Hansen, D
- 2002 Conference Presentation, Consortium for Computing Sciences in Colleges 3<sup>rd</sup> Annual Northwest Conference, "*Web Reporting Made Easy*," Seattle, Washington
- 1999 Conference Presentation, Northwest Council for Computer Education's 28<sup>th</sup> Annual Conference, "*Y2K: So What's The Big Hype?*" Seattle, Washington.
- 1999 Conference Presentation, Northwest Council for Computer Education's 28<sup>th</sup> Annual Conference, "*VRML: Virtual Reality Modeling Language*," Seattle, Washington.
- 1998 Invited Panelist, "*Programming within COTS (Commercial Off The Shelf) products*," 6<sup>th</sup> Annual Computer Science Teachers Association's Conference, Newberg, Oregon.
- 1998 Conference Presentation, Computer Science Teachers Association's 6<sup>th</sup> Annual Conference, "*Getting & Keeping Females in High School Computer Science: Results of Oregon Department of Education Summer Program*," Newberg, Oregon.
- 1996 Conference Presentation, Computer Science Teachers Association's 4<sup>th</sup> Annual Conference, "*Java: A New Language, A New Approach*," Portland, Oregon.
- 1996 Conference Presentation, Computer Science Teachers Association's 4<sup>th</sup> Annual Conference, "*Graphics & Girls: A female-friendly way to teach programming constructs*," Portland, Oregon.
- 1996 Conference Presentation, The National Technology in Human Services Conference, "*The Changing Interface of Adoptions*," co-authored with Dr. Larry Wanberg, Hilton Head, South Carolina.
- 1995 Conference Presentation, Northwest Council for Computer Education's 24<sup>th</sup> Annual Conference, "*Raytracing & Morphing*," Bellevue, Washington.
- 1993 Conference Presentation, Northwest Council for Computer Education's 22<sup>nd</sup> Annual Conference, "*AP Computer Science Curriculum*," Portland, Oregon.

## PROFESSIONAL ACTIVITIES & AWARDS

---

- 2016 Paper Chair, Consortium of Computing Sciences in Colleges Northwest Conference. Portland, Oregon.
- 2015 Paper Co-Chair, Consortium of Computing Sciences in Colleges Northwest Conference. Seattle, Washington.
- 2010 Conference Chair, Consortium of Computing Sciences in Colleges Northwest Conference. Newberg, Oregon.
- 2009 Educator of the Year. Category: Student Success. Colorado Technical University Fall 2009.
- 2000 Conference Site Chair, Consortium of Computing Sciences in Colleges Northwest Conference. Portland, Oregon.
- 2000 Consortium for Computing Sciences in Colleges Northwestern Conference Site Chair, Portland, Oregon
- 1999 ACM/IEEE International Supercomputing Conference Education Program Committee Member, Portland, Oregon.
- 1999 Reviewed Manuscript of *“Introduction to Computer Science with C++, 2<sup>nd</sup> ed.”*, Lambert, Nance, and Naps, Brooks/Cole Publishing.