

Scott Turner

Mathematics, Statistics & Computer Science Department College of Science, Technology, Engineering, Mathematics and Management

Office:

Email: turners@uwstout.edu

Professional Interests: Computer Skills: IBM PC Operating Systems: Windows XP/Vista/7 Languages: C, C++. FoxPro, Java, PHP, JavaScript

Education

- **Ph D Computer Science and Applications**
Virginia Polytechnic Institute & State University (Virginia Tech)
Blacksburg, VA, United States, 2009
- **MS Computer Science and Applications**
Virginia Polytechnic Institute & State University (Virginia Tech)
Blacksburg, VA, United States, 2005
- **BS Computer Science**
Virginia Polytechnic Institute & State University (Virginia Tech)
Blacksburg, VA, United States, 2001

Licensures and Certifications

- Engineering Education Certificate:
- Future Professoriate Certificate:

Work Experience

Academic - Post-Secondary

- **University of North Carolina at Pembroke**
Assistant Professor
August 2010 - 2016
- **ECPI College of Technology, Newport News**
Faculty
August 2009 - July 2010
- **Radford University**
Adjunct Faculty
August 2008 - May 2009
- **Virginia Tech**
Graduate Teaching Assistant
August 2006 - May 2008
- **Virginia Tech**
Instructor
July 2007 - August 2007
- **Virginia Tech**
Graduate Teaching Assistant
August 2002 - May 2005
- **Virginia Tech**
Instructor
January 2004 - May 2004

Industry

- **Dublin Family Practices**
Programmer and Computer Maintenance
June 1996 - August 2009

Intellectual Contributions

Journal Article

- Kim, K. S., Turner, S., & et al. (2009). Requirements for Electronic Note Taking Systems: A Field Study of Note Taking in University Classrooms. *Education and Information Technologies*, 14(3), 255-283.
- Turner, S., Perez-Quinones, M. A., & et al. (2007). Effect of Interface Style in Peer Review Comments for UML Designs. *Counsortium for Computing Sciences in Colleges*, 22, 214-220.
- Turner, S., Perez-Quinones, M. A., & et al. (2005). minimUML: A Minimalist Approach to UML Diagramming for Earlt Computer Science Education. *J. Edu. Respur. Comput.*, 5(4), 1-28.

Presentations

Workshop

- Turner, S., Turner, M. R., & Turner, R. L. (2016). Rubics Cubed:A Tripartite Approach to Teaching, Assessing, and Learning with Rubrics in the Classroom. Conference on Higher Education Pedagogy, Blacksburg, VA, United States.
- Turner, S., Kibum, K., Perez-Quinones, M. A., & Edwards, S. H. (2006). Note Taking and the Tablet PC. Workshop on the Impact of Pen-based Technology on Education,

Oral Presentation

- Turner, S. (2015). Looking Glass: A C++ Library for Testing Students Programs through Reflection. 43rd ACM Technical Symposium on Computer Science Education, Kansas City, MO, United States.
- Turner, S., Turner, M. R., & Turner, R. L. (2015). Rubrics Cubed: A Tripartite Approach to Teaching, Assessing, and Learning with Rubics. Conference on Higher Education Pedagogy, Blacksburg, VA, United States.
- Turner, S., & Turner, M. R. (2014). A String in the Labyrinth: A Strategic Approach to Using Technology in Education. Conference on Higher Education Pedagogy, Blacksburg, VA, United States.
- Turner, S., & Turner, M. R. (February 6, 2013). Entering Hallowed Halls of Cyberspace: Developing Strategies for Teaching, Interacting, and Delivering Information Online. Conference on Higher Education Pedagogy, Blacksburg, VA, United States.
- Turner, S., & T, R. L. (February 6, 2013). Library Resources, Copyright, and Open Sources Materials or How to Use Free Stuff and Still Cover Your... Assests. Conference on Higher Education Pedagogy, Blacksburg, VA, United States.
- Turner, M., & Turner, S. (February 8, 2012). A Comedy in the Classroom: Creating a More Enjoyable and Inclusive Atmosphere through Humor. Conference on Higher Education Pedagogy, Blacksburg, VA, United States.
- Turner, S., Perez-Quinones, M. A., Edwards, S., & Chase, J. (March 9, 2011). Student Attitudes and Motivation for Peer Review in CS2. 42nd SIGCSE Technical Symposium on Computer Science Education, Dallas, TX, United States.
- Turner, S. (February 3, 2011). Evaluating Learning through the Use of Concept Maps. Conference on Higher Education Pedagogy, Blacksburg, VA, United States.
- Turner, S., Perez-Quinones, M. A., Edwards, S., & Chase, J. (2010). Peer Review in CS2: Conceptual Learning . 40th SIGCSE Technical Symposium on Computer Science Education, Milwaukee, WI, United States.

- Turner, S., Quintana-Castillo, R., Perez-Quinones, M. A., & Edwards, S. (2008). Misunderstandings about Object-Oriented Design: Experiences Using Code Reviews. 39th SIGSCE Technical Symposium on Computer Science Education, Portland, OR, United States.
- Humphries, W., Gawrilow, J., Turner, S., Perez-Quinones, M. A., & Edwards, S. H. (2006). Helping Students Visualize Their Grade Performance. American Society for Engineering Education,
- Powell, A., Turner, S., Tungare, M., Perez-Quinones, M. A., & Edwards, S. H. (2006). An Online Peer Review System. Eastern Educational Research Association,
- Powell, A., Turner, S., Tungare, M., Perez-Quinones, M. A., & Edwards, S. H. (2006). An Online Peer Review System for Teaching Artifact. Society for Information Technology and Teacher Education,

Poster

- Turner, S. (2014). Looking Glass: A C++ Library for Testing Students Programs through Reflection. 43rd ACM Technical Symposium on Computer Science Education, Atlanta, GA, United States.
- Turner, S. (2012). Designingwith Projects in Mind: An Approach for Creating Authentic (and Manageable) Programming Projects. 43rd ACM Technical Symposium on Computer Science Education, Raleigh, NC, United States.
- Turner, S., & Perez-Quinones, M. A. (2006). miniumUML: UML for Education. Consortium for Computing Sciences in Colleges- Eastern Conference, United States.

Grants, Contracts, and Sponsored Research

Grant

- Turner, S. Modification of minimUML for Development by Students. Sponsored by University of North Carolina at Pembroke Summer Research Fellowship Research, \$5000 (Funded).
- Turner, S. Computer Science Graduate Council Travel Fund. \$400 (Funded).
- Turner, S. Use of a Tablet PC for Peer-Review Activities in CS1 and CS2 Conference: ACM Special Interest Group on Computer Science Education (SIGCSE). Sponsored by Microsoft , \$600.
- Turner, S. Use of a Tablet PC for Peer-Review Activities in CS1 and CS2 Conference: American Society for Engineering Education. Sponsored by Microsoft , \$900.
- Turner, S. Use of a Tablet PC for Peer-Review Activities in CS1 and CS2 Conference: Workshop on the Impact of Pen-based Technology on Education. Sponsored by Microsoft , \$900.

Sponsored Research

- Turner, S., Perez-Quinones, M. A., & Edwards, S. Use of a Tablet PC for Peer-Review Activities in CS1 and CS2. Sponsored by Microsoft .
- Edwards, S., & Turner, S. Teaching Software Testing On-line . Sponsored by NSF .

Reviewer / Editor

Reviewer, Journal

- **Education and Information Technologies** (2009 - 2016)

Awards, Fellowships, Honors, and Scholarships

Award

- Virginia Tech CS Department's Scholarly Performance by a Graduating Senior, (2001)

Scholarship

- National Merit Scholarship, (May 1996)
- Robert Byrd Scholarship, Radford High School (May 1996)
- Whitt Memorial Scholarship, Radford High School (May 1996)

Professional Memberships

- Association for Computing Machinery (ACM)
- Special Interest Group on Computer Science Education (SIGCSE)

Service

Department / School

- **Committee Member**, UNCP Math/CS Department Math Contest (2011 - 2016)
- **Committee Member**, UNCP Award for Engaged Learning/Regional Engagement (2011 - 2012)
- **Menotor**, VTURCS- Virginia Tech Undergraduate Research in Computer Science (2005 - 2008)

College

- **Mentor**, Honors College Senior Project Menotor (2015 - 2015)

University

University of North Carolina at Pembroke

- **Faculty Advisor**, ACM Club (2012 - 2016)
- **Committee Member**, Computer Science Curriculum Committee Member (2010 - 2016)

Professional

- **Advisory Council Committee Member**, Bachelor of Interdisciplinary Studies (BIS) Degree Program Advisory Council (BISAC) Committee Member (2014 - 2016)