

Donald M. Peter

Associate Professor of Electrical Engineering, Step 4

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Education:

B.S. Physics, Seattle Pacific College, Seattle, WA, 1974
M.S. Electrical Engineering, University of Washington, Seattle, WA, 1976
Computer Science, 9 Qtr credit hours, Portland State University, 1983-84
Computer Science, 18 Qtr credit hours, Seattle Pacific University, 1988-2001

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Number of years of service on this faculty, including date of original appointment and dates of advancement in rank:

Since 1987 Associate Professor of Electrical Engineering, 28 years

Other related experience—teaching, industrial, etc.

2015 Team taught entrepreneurial leadership short course in Indore, Madhya Pradesh, India with ISEOL (International School of Entrepreneurial Leadership) Redmond, WA
1998/1999 Hardware/software Engineer, Allied Signal Corp. Redmond, WA (summer and fall)
1995 System Engineer, Enginuity Development Network, Inc., Redmond, WA (summer)
1994 Software Engineer, Hanson Design Engineering, Kent, WA (summer)
1990 NASA Summer Faculty Fellow, Jet Propulsion Laboratory, Pasadena, CA
1989 NASA Summer Faculty Fellow, Jet Propulsion Laboratory, Pasadena, CA
1976-1987 Hardware/software Engineer, Tektronix, Inc., Beaverton, OR (full time)
1974-1976 Research Assistant/Teaching Assistant, University of Washington, Seattle, WA

Consulting, patents, etc.

See Other related experience above

Professional Licensure State(s) in which registered:

Washington, Electrical Engineer

Principal publications of last five years:

Melani Plett, Diane Carlson Jones, Joy K. Crawford, Tamara Floyd Smith, Don Peter, Elaine P. Scott, Denise Wilson, Rebecca Bates, and Nanette M. Veilleux, "STEM Seniors: Strong Connections to Community Are Associated

with Identity and Positive Affect in the Classroom," *2011 American Society for Engineering Education (ASEE) Conference*.

Denise M. Wilson, Donald M. Peter, Diane Jones, Joy Crawford, Nannette Veilleux, Rebecca Bates, Tamara Floyd-Smith, "Communities that Make a Difference: a STEM Perspective," *Frontiers in Education (FIE)*, November 2012.

Denise Wilson, Don Peter, Cheryl Allendoeffer, Elizabeth Burpee, Mee Joo Kim, "Engineering Students outside the Classroom: The Nature of Extracurriculars and their Influence on Academic Experience," *Journal of Engineering Education*, 2015.

Don Peter, "A Survey of the State of the Power Engineering Profession in the Pacific Northwest and What Working Professionals are Defining as Priorities for Preparing Students to Fill Present and Near-Future Vacancies," *Proceedings of the 2016 ASEE Annual Conference & Exposition*

Additional Publications

1. 2010 Journal of Applications and Practices in Engineering Education December 2010: "Enabling Remote Learning and Enhancing On-campus Learning with Web Conferencing Software"
2. Melani Plett, Don Peter, Steven Parsons, Brad Gjerding, "The Virtual Synchronous Classroom: Real time off-campus classroom participation with Adobe Connect", *Proceedings of the 2008 ASEE Annual Conference and Exposition*:
3. Don Peter, "WE CAN DO BETTER: A PROVEN, INTUITIVE, EFFICIENT AND PRACTICAL DESIGN-ORIENTED CIRCUIT ANALYSIS PARADIGM IS AVAILABLE, SO WHY AREN'T WE USING IT TO TEACH OUR STUDENTS?" *Proceedings of the 2007 ASEE Annual Conference & Exposition*.
3. Melani Plett and Don Peter, "Self Grading for Improved Learning", *Proceedings of the 2007 ASEE Annual Conference & Exposition*.
4. Luke Yoder, Mychal Hall, Kyle Madson, Anthony Donaldson, Don Peter, "Mindstorms Lobotomy: Robotic Wireless Communication, Coordination, and Control System with Parallel Acoustical Tracking Capability" *Proceedings of the 2005 ASEE Annual Conference & Exposition*.
5. Melani Plett, Don Peter, Brad Gjerding, and Steve Parsons, Learning Through Self Grading, The Virtual Synchronous Classroom: Real time off-campus classroom participation with Adobe Connect," *2008 American Society of Engineering Education (ASEE) Annual Conference*.

6. Tamara Floyd, Denise Wilson, Ryan Campbell Nanette Veilleux, Rebecca Bates, Melani Plett, Elaine Scott, and Don Peter, “A Multi-Institutional Study of Connection, Community, and Engagement in STEM Education: Conceptual Model Development,” 2010 *American Society for Engineering Education (ASEE) Conference*.

7. Melani Plett, Don Peter, “Enabling Remote Learning and Enhancing On-campus Learning with Web Conferencing Software,” *Journal of Applications and Practices in Engineering Education*, December 2010.

Scientific and professional societies of which a member/Institutional and professional service in the last five years:

Senior Member, Institute of Electrical and Electronics Engineers (IEEE)

Member, The American Society of Engineering Education (ASEE)