

# **ROBERT A. PETRULIS**

EPRE Consulting LLC  
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## ***EDUCATION***

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**Ph.D.**, Educational Leadership and Policy Studies, University of Washington.

**M.A.**, Whole Systems Design, Antioch University Seattle.

**B.A.**, Business Administration, Prometheus College, Tacoma, Washington.

## ***SELECTED ACADEMIC WORK EXPERIENCE***

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**Principal Consultant, EPRE Consulting LLC**, an independent evaluation and research firm, Columbia, SC. September 2011 – present.

**Executive Director, Office of Program Evaluation** and Research Associate Professor, College of Education, University of South Carolina, Columbia SC. September 2008-August 2011.

**Research Associate, CILASS: The Centre for Inquiry-based Learning in the Arts and Social Sciences**, University of Sheffield, UK. September 2006-August 2008.

**Associate Professor, Doctoral Program in Educational Leadership and Innovation.** Wilmington College, New Castle, Delaware. June 2003-March 2006.

**Assessment Consultant: Portfolio Program Development, Chair of Assessment Committee.** Ancilla College, Donaldson, Indiana. September 2002-May 2003.

**Director, Portfolio Assessment Program/Assistant Professor of Education.** Olivet College, Olivet, Michigan. June 1996-May 2002.

**Coordinator, Learning Outcomes Assessment.** Bellevue Community College, Bellevue, Washington. September, 1992-September, 1995.

**Staff Consultant.** University of Washington, Center for Instructional Development and Research, Seattle, Washington. June, 1990-June 1992.

## ***CURRENT EVALUATION PROJECTS***

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**Piedmont Teacher Residency Partnership.** (US Department of Education, Teacher Quality Partnership) University of North Carolina at Greensboro (PI Dr. Christina O'Connor). External evaluator, 2019 – 2024.

**ACTIVATE-PLUS: Advancing Coordinated and Timely Interventions through Awareness, Training, and Education—a PipeLine Uplifting Students.** (US Department of Education, School Safety National Activities) Rockingham County (NC) Schools (PI Dr. Stephanie Ellis). External evaluator, 2019 – 2024.

**SPUR: A Synthesized Program for Undergraduate Retention in Engineering and Computing.** (NSF S-STEM) University of South Carolina (PI Dr. Edward Gatzke). External evaluator, 2019 – 2024.

**Rural Computer Science: Integrating Computational Thinking into Rural P-8 Classrooms.** (NSF RPP) The Citadel (PI Dr. Jennifer Albert). External evaluator, 2019 – 2021.

**21<sup>st</sup> Century Academy of STEAM.** (South Carolina Department of Education) Clarendon School District One. External evaluator, 2019-2020.

**UA Master Teacher Fellows, UA-PLUS-M:** National Science Foundation Noyce grant, University of Alabama at Tuscaloosa. External evaluator, 2019-26.

**Mathematics Graduate Student Peer-Mentorship Program: Impact and Adaptability.** (NSF IUSE) Bowling Green State University, University of South Carolina, and West Virginia University. Lead Evaluator, 2017-20.

**Integrated Academia-Industry Research Experience for Undergraduate in Smart Structure Technology.** (NSF REU) University of South Carolina and San Francisco State University. Lead Evaluator, 2017-20.

**Determining the Efficacy of Maker Activities by Navigating Discourse (DEMAND).** (NSF DCL:EAGER) The Citadel. Lead Evaluator, 2017-20.

**Targeted Infusion Project: Infusion of Active and Problem-Based Learning for Teaching and Research in the Context of Transportation Disruptive Technologies.** (NSF HBCU-UP; PI Dr. Gurcan Comert) Benedict College. Lead Evaluator, 2017-20.

**AWAKE-SC Center of Excellence:** South Carolina Commission on Higher Education grant, University of South Carolina. External evaluator, 2016 – 21.

**Transforming Teaching through Technology:** US Department of Education Teacher Quality Partnership. University of North Carolina at Greensboro. External evaluator, 2014-2019.

## **SELECTED PUBLICATIONS**

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Yee, Sean, Jessica Deshler, Kimberly Rogers, Robert Petrusis, Christopher Potvin, and James Sweeney. "Bridging the gap between observation protocols and formative feedback." *Journal of Mathematics Teacher Education*, in submission.

Rogers, Kimberly Cervello, Robert Petrusis, Sean Yee, and Jessica Deshler. "Mathematics Graduate Student Instructor Observation Protocol (GSIOP) development and validation study." *International Journal of Research in Undergraduate Mathematics Education*, in press.

Pierce, Charles E., Gurcan Comert, Samuel Darko, Balaji Iyengar, Robert Petrusis, Zulfikar Berk, and Nathan N. Huynh. "Infusing STEM Courses with Problem-Based Learning about Disruptive Technologies." *ASEE Conference Proc.* Paper ID 27067, 15p, 2019.

Systems in Evaluation Topical Interest Group (SETIG). "Principles for Effective Use of Systems Thinking in Evaluation." *American Evaluation Association*, 2018.

Berge, Nicole, Charles E. Pierce, Robert Petrusis. "Integrating thematic problem-based learning modules on nanotechnology in the civil engineering curriculum" *ASEE Conference Proc.* Paper ID 19226, 8p, 2017.

- Albright, Kendra, Robert Petruslis, Anna Vasconcelos and Jamie Wood. "An inquiry-based approach to teaching research methods in Information Studies" *Education for Information* 29 (2012) p19-28.
- Levy, Philippa and Robert Petruslis. "How do first-year university students experience inquiry and research, and what are the implications for the practice of inquiry-based learning?" *Studies in Higher Education*, 24 February 2011 (iFirst).
- Rossiter, Diane, Robert Petruslis, and Catherine Biggs. "A blended approach to problem based learning in the freshman year." *Journal of Chemical Engineering Education* (44:1 Winter 2010).
- Freeman, Margaret, Marie Kinsey, and Robert Petruslis. "Elephants and Castles: Attitudes, Concepts and Cultural Issues raised by Inquiry-based Learning in a Research-led University." In P. Levy & P. McKinney (eds) *Proceedings of the 3<sup>rd</sup> Learning Through Inquiry Alliance Conference*, 25-27 June 2008 (Centre for Inquiry-based Learning in the Arts and Social Sciences: University of Sheffield, 2009). [Available online at: <http://www.shef.ac.uk/content/1/c6/07/89/22/Proceedings%202008-final%205.pdf>]
- Levy, Philippa, and Robert Petruslis. "First-year international undergraduate students' experiences of learning through inquiry." *Reflecting Education* 5:1 pp 88-104 (February 2009). [Available on line at: [http://www.reflectingeducation.net/index.php?journal=reflecting&page=issue&op=view&path\[\]=7&path\[\]=showToC](http://www.reflectingeducation.net/index.php?journal=reflecting&page=issue&op=view&path[]=7&path[]=showToC)]
- Levy, Philippa. and Robert Petruslis. "Experiencing inquiry: lessons from the first undergraduate year." In *Proceedings of Learning Together: Reshaping Higher Education in a Global Age*, 22-24 July 2007. [Available online at: <http://www.ioe.ac.uk/calendar/Cttes/CONFERENCE/92%20Levy-Petrulis%20final.doc>]

### **SELECTED PRESENTATIONS AND WORKSHOPS**

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- Jiang, Zhaoshuo; Caicedo, Juan; Petruslis, Robert. "Development and Implementation of a NSF REU Site with Integrated Academia-Industry Research Experience for Undergraduates." Poster, American Society of Engineering Education conference, June 2019.
- Petruslis, Robert; Wright, Duncan; Yee, Sean; Rogers, Kimberly; Deshler, Jessica. "Connecting Observation Protocols and Post-Observation Feedback." Conference presentation, Research Council on Mathematics Learning, March 1, 2019.
- Pierce, Charles E., Nicole Berge, Joseph R.V. Flora, Favio Matta, Robert Petruslis, and E. Washam. "A two-step program for undergraduate students to gain authentic experience in the research process" *Proc. 123<sup>rd</sup> Annual ASEE Conference & Exposition*, New Orleans, LA, 12p. 2016.
- Petruslis, Robert. "Nanotech LINK: Concept maps as an evaluation and assessment tool in an undergraduate civil engineering curriculum," American Evaluation Association, Denver, CO. October 16, 2014.
- Ragin, Barbara, Bernard McDaniel, Gwendolyn Harris, Warren Combs, and Robert Petruslis. "Community of Learners," South Carolina Association of Title I Administrators, Myrtle Beach, SC. October 25, 2011.
- Floyd, Minuette, Valinda Littlefield, Robert Petruslis, Deloris Pringle, and Larry Watson. "History as stories: The art of teaching through field studies," Teaching American History Annual Project Directors Conference, Washington, DC August 8 - 10, 2011.

Levy, Philippa and Robert Petrulis. "Towards transformation? First year students, inquiry-based learning and the research/teaching nexus," Society for Research into Higher Education annual conference, Brighton, UK, December 11 - 13, 2007.

Levy, Philippa, Robert Petrulis and Sabine Little. "Exploring the 'Theory of Change' Approach to Impact Evaluation," Higher Education Academy Annual Conference, Harrogate, UK, July 4, 2007.

## ***SELECTED TEACHING EXPERIENCE***

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### **Statistics and Research**

- Research Methods (guest lecturer), Department of Information Studies, University of Sheffield, Spring 2007 & 2008.
- Statistics, Health Informatics Day School, Department of Information Studies, University of Sheffield, Spring 2008
- Research Design and Data Analysis II, Wilmington College EdD Program, Spring 2005 (two sections).
- Disciplined Inquiry I & II, Wilmington College EdD Program, Fall 2004 (two sections), Fall 2005 & Spring 2006.
- Introduction to Qualitative Research Methods, Wilmington College EdD Program, Fall 2003.
- Action Research, Olivet College MAT Program, Summer 2001, 2000.
- Biostatistics (team taught), Olivet College, Fall 1999, 1997.
- Critical Analysis of Research, California Institute of Integral Studies, 1995 (on-line course).
- Introductory Statistics, Bellevue Community College, Fall 1994.

### **Assessment and Teaching Effectiveness**

- Content Knowledge and Student Learning, Olivet College MAT Program, Summer 2001.
- Authentic Assessment, Olivet College MAT Program, Summer 1999, 1998, Winter 1997.

### **Technology and Information**

- Integrating Technology into Instruction, Wilmington College EdD Program, Summer 2006, 2005, 2004 & 2003.
- Classrooms For the Future, Olivet College MAT Program, Spring 2000.

## ***CURRENT SERVICE***

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### **Journal Article Reviewing**

- IJEDICT: International Journal of Education and Development using Information and Communication Technology

## ***PROFESSIONAL MEMBERSHIPS***

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American Evaluation Association.