Dr. Petros Katsioloudis
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EDUCATION

Ed.D., Technology Education, Adult Learning, North Carolina State University, Raleigh, North Carolina. *Dissertation: Identification of Quality Indicators of Visual-Based Learning Material in Technology Education Programs for Grades 7-12,* (08/2007).

M.S.Ed., Technology Education, California University of Pennsylvania, California, Pennsylvania, (08/2004).

B.S., Industrial Technology, California University of Pennsylvania, California, Pennsylvania, (05/2003).

A.A. Associate of Arts, Master Gunsmithing Program, Pennsylvania Gunsmith School, Pittsburgh, Pennsylvania, (12/1998).

ACADEMIC POSITIONS

Associate Professor, Industrial Technology and Technology Education Programs, Science, Technology, Engineering, Mathematics (STEM) and Professional Studies, Old Dominion University, (2013 – present).

Assistant Professor, Industrial Technology and Technology Education Programs, Science, Technology, Engineering, Mathematics (STEM) and Professional Studies, Old Dominion University, (7/2008 – present).

Assistant Professor, Technology and Industrial Arts, Berea College, (09/2007 -05/2008).

Research Assistant, Department of Math, Science and Technology, North Carolina State University, (09/2004 – 05/2007).

PROFESSIONAL MEMBERSHIPS

Council on Technology and Engineering Teacher Education, (2011-2014).

Southeastern Technology Education Conference, (2008-present).

International Technology & Engineering Educators Association, (2005-present).

American Society for Engineering Education, (2008-present).

American Educational Research Association, (2010-present).

AWARDS

Virginia Technology and Engineering Education Association (VTEEA), Achievement Award: Non Degree Research, (2012).

American Society for Engineering Education (ASEE), DELOS Best Paper Award, (2012).

Darden College of Education, Old Dominion University, Instructional Publications Award, (2011).

Darden College of Education, Old Dominion University, New Investigator Grants Award, (2010).

Council on Technology Teacher Education, Twenty-First Century Leader Award, (2008).

North Carolina State University, Dean's Citation Award for Development of Academic Scholarship, (2007).

International Technology and Engineering Educators Association (ITEEA), Donald Maley Spirit of Excellence Outstanding Graduate Student Citation, North Carolina State University, (2006).

International Technology and Engineering Educators Association (ITEEA), Donald Maley Spirit of Excellence Outstanding Graduate Student Citation, North Carolina State University, (2004).

TEACHING

Old Dominion University

STEM 221- Industrial Materials.

STEM 231- Materials/ Process Technology.

STEM 370 - Technology and Society.

STEM 382- Industrial Design.

SEPS 395 - Writing in STEM Education and Professional Studies.

FOUN 615 - Research and Application of the Evolution of Education: History, Issues, and Assessment.
SPED 615 - Managing the Instructional Environment to Affect Behavior Change in a Culturally Responsive Classroom.

SEPS 860 – Trends/Issues-Occupational Ed.

RESEARCH

Published Intellectual Contributions

Refereed Book Chapters

Katsioloudis, P., & Ritz, J. (2011). Comparative Analysis of Student Performance: Design and Technology Education vs. Engineering. In Stables, K., Benson, C., De Vries, M. (Ed.), *Perspectives on Learning in Design and Technology Education* (pp. 225-230). London, England: Goldsmiths.

Refereed Journal Articles

Katsioloudis, P., Fantz, T., & Millie, J. (2013). A Comparative Analysis of Point of View Modeling for Industrial and Technology Education Courses, *The Journal of Technology Education, 25*(1), 70-81.

Katsioloudis, P., & Jones M. (2013). Assistive Technology: Fixing Humans. *The Technology and Engineering Teacher Journal*, *72*(7), 26-31.

Judge, S., Bobzien, J., Maydosz, Gear, S., Katsioloudis, P. (2013). The Use of Visual-based Simulated Environments in Teacher Preparation. *Journal of Education and Training Studies*, *1*(1), 88-97.

Katsioloudis, P., & Fantz, T. (2012). A Comparative Analysis of Preferred Learning and Teaching Styles for Engineering, Industrial and Technology Education Students and Faculty. *The Journal of Technology Education, 23*(2), 61-69.

Katsioloudis, P., & Jones M. (2012). Green Transportation for a Green Earth. *The Technology and Engineering Teacher Journal, 71*(7), 19-25.

Katsioloudis, P., & Moye J. (2011). Future Critical Issues and Problems Facing Technology and Engineering Education in the Commonwealth of Virginia. *The Journal of Technology Education, 23*(2), 6-24.

Katsioloudis, P., & Jones M. (2011). Rethinking the Development of Weapons and Their Impact. *The Technology and Engineering Teacher Journal, 71*(3), 12-17.

Fantz, T., & Katsioloudis P., (2011). Analysis of Engineering Content within Technology Education Programs. *The Journal of Technology Education, 23*(1), 19-31.

Watson, G., Katsioloudis P., Papelis Y. (2011). A Simulation architecture to promote information modeling, planning, scheduling and decision-making for port logistics within a game environment. *The Journal of Agile Manufacturing, 11*(2), 1-6.

Katsioloudis, P. (2010). Understanding materials. *The Technology and Engineering Teacher Journal, 69*(8), 5-11.

Moye, J., & Katsioloudis, P. (2010). Improve or perish. *The Technology and Engineering Teacher Journal, 70*(6), 24-28

Katsioloudis, P. (2010). Identification of quality visual-based material in technology education. *Journal of Industrial Teacher Education, 47*(1), 71-99.

Katsioloudis, P. (2009). Transportation of the future: Understanding port logistics. *The Technology and Engineering Teacher Journal, 69*(1), 7-10.

Katsioloudis, P., & Watson, G. (2010). The VisPort project: Visualization of port logistics. *The Technology and Engineering Teacher Journal, 70*(4), 4-10.

Katsioloudis, P. (2010) Green Ships: Keeping Oceans Blue. *The Technology and Engineering and Engineering Teacher Journal, 69*(5), 5-9.

Katsioloudis, P. (2010). Breathing like a fish. *The Technology and Engineering Teacher Journal, 69*(1), 6-10.

Katsioloudis, P., & Bondi, S. (2009). Energy from the skies: Empowering future generations. *The Technology and Engineering Teacher Journal, 68*(6), 11-18.

Katsioloudis, P. (2009). Water treatment: Keep it pure. *The Technology and Engineering Teacher Journal, 68*(7), 10-15.

Katsioloudis, P. (2009). Discovery of the depths. *The Technology and Engineering Teacher Journal, 68*(8), 12-16.

Katsioloudis, P. (2009). Biomedical technology: Supporting movement. *The Technology and Engineering Teacher Journal, 68*(5), 10-15.

Technical Reports

Katsioloudis, P., Watson, G., Reed, P., Papelis, Y., Russell, S. (2010). ViSTEM: *Visualization of STEM Careers*. Washington, DC: Office of Naval Research.

Katsioloudis, P., Watson, G., Reed, P., Papelis, Y. (2010). *ViTech: Visualization of Technological Literacy*. White Paper submitted to Quality Enhancement Plan (QEP) Committee. Norfolk, VA: Old Dominion University.

Katsioloudis, P., Reed, P., & Watson, G. (2010). *TechKnODU: Technological Literacy and Fluency for the 21st Century*. Quality Enhancement Plan Proposal. Norfolk,VA: Old Dominion University.

Watson, G., Papelis, Y., Don, R., Katsioloudis, P., Reed, P. (2011). *VISPort: A simulation of port-related careers and logistic (Version 2).* Norfolk, VA: Opportunity Inc. http:/ /www. vmasc.odu.edu /demos/visport /home.html

Watson, G., Papelis, Y., Katsioloudis, P., Reed, P. (2010). *VisPort: A simulation of port-related careers and logistics (Version 1).* Norfolk, VA: Opportunity Inc.

Refereed Conference Proceedings

Katsioloudis, P., & Judge, S. (2012*)*. Using Virtual Environments to Promote Teacher Preparation. *Proceedings of the Athens Institute for Education and Research Conference Paper Series*, Athens, Greece, No: EDU2012-0043.

Chaturvedi, S., Yoon, J., McKenzie, R., Katsioloudis, P., Garcia, H., Ren, S. (2012). Implementation and Assessment of a Virtual Reality Experiment in the Undergraduate Themo-fluids Laboratory. *Proceedings of the American Society for Engineering Education Annual Conference*, Austin, TX.

Judge, S., & Katsioloudis, P. (2011). The use of virtual environments in teacher preparation. *Proceedings of the World Conference on Educational Multimedia, Hypermedia and Telecommunications Conference (EDMEDIA)*, Lisbon, Portugal.

Katsioloudis, P., Watson, G., Papelis, Y., Reed, P. (2011, Jan. 4-7). An engineering process model for implementing an agent-based paradigm in the development of an educational modeling and simulation application for port logistics: Demonstration of the e-learning product. *Proceedings of the 24th International Congress for School Effectiveness and Improvement Conference*, Limassol, Cyprus.

Katsioloudis, P., & Watson, G., & Nunnery, J. (2011, Jan. 4-7). Technology driven educational reform v.3.0: An engineering design process model for developing educational modeling and simulation applications. *Proceedings of the 24th International Congress for School Effectiveness and Improvement*, Limassol, Cyprus.

Papelis, Y., Watson, G. Katsioloudis, P., Reed, P. (2010, April 11-15). Development of a container handling port simulation for demonstrating port related careers. *Proceedings of the Spring Simulation Multiconference*, Orlando, FL.

Katsioloudis, P. (2009). Identification of quality indicators for visual-based learning material in technology education programs for grades 7-12. *Proceedings of the. American Society for Engineering Education Global Conference*, Budapest, Hungary.

Katsioloudis, P. (2009). Detection and assessment of quality indicators of visual-based learning material in technology education programs for grades 7-12. *Proceedings of the American Society of Engineering Education Southeastern Conference*, Marietta, GA.

Katsioloudis, P. (2009). Modification of the conventional Delphi technique to extend its applicability to hybrid environments. *Proceedings of the American Society for Engineering Education National Conference*, Austin, TX.

Katsioloudis, P. (2008). Identification of quality indicators of visual-based learning material in technology education programs for grades 7-12. *Proceedings of the American Society for Engineering Education Conference*. Pittsburgh, PA.

Consulted Educational Material

Clark, A.C. & Ernst, J.V. (2010). *Virtual and Physical Modeling for Engineering Design*. Clifton Park, NY: Engage Learning.

Presentations

International

Katsioloudis, P., & Judge, S. (2012). *Using Virtual Environments to Promote Teacher Preparation*. Athens Institute for Education and Research Conference (ATINER), Athens, Greece.

Fantz, T., & Katsioloudis, P. (2012). *Engineering content within technology teacher education programs*. International Technology and Engineering Educators Association Annual Conference,(ITEEA), Long Beach, CA.

Katsioloudis, P., & Fantz, T. (2012). *A comparative analysis of preferred learning styles*. International Technology and Engineering Educators Association Annual Conference, (ITEEA), Long Beach, CA.

Ritz, J., & Katsioloudis, P. (2011). *Comparative analysis of student performance: Technology education vs. engineering*. Pupils Attitudes Towards Technology Annual Conference (PATT). London, UK.

Judge, S., & Katsioloudis, P. (2011). *The use of virtual environments in teacher preparation*. World Conference on Educational Multimedia, Hypermedia and

Telecommunications Conference (EDMEDIA) 2011:1 ED-MEDIA 2011, Nicosia, CYPRUS.

Katsioloudis, P. (2011). *An engineering process model for implementing an agent-based paradigm in the development of an educational modeling and simulation application for port logistics: Demonstration of the e-learning product.* 24th International Congress for School Effectiveness and Improvement Conference, Limassol, Cyprus.

Katsioloudis, P., & Reed, P. (2011). *Visualization of Port Logistics Project (VisPort).* International Technology and Engineering Educators Conference, (ITEEA), Minneapolis, MN.

Katsioloudis, P., & Dickerson, D. (2010). *Integrative STEM education: History, implementation, research*. Ministry of Education, Nicosia, Cyprus.

Katsioloudis, P., Watson, G., Reed, P., & Papelis, Y. (2010, March 18-20). *Visualization of port logistics project: VisPort phase I and II*. 72nd Annual Conference of the International Technology and Engineering Educators Association Conference, (ITEEA), Charlotte, NC.

Katsioloudis, P. (2010). *Integrative STEM education, history and research*. University of Cyprus STEM conference, Nicosia, CYPRUS.

Katsioloudis, P. (2009). *Design and construction: Remote operated underwater vehicle*. International Technology and Engineering Educators Association Annual Conference, (ITEEA), Louisville, KY.

Katsioloudis, P. (2009). *Identification of quality indicators of visual-based learning material in technology education programs for grades 7-12*. American Society for Engineering Education, Global Conference, (ASEE), Hungary, Budapest.

Katsioloudis, P. (2007). *An Assertion of Standards of Technological Literacy: Cyprus and USA*. International Technology and Engineering Educators Association Annual Conference, (ITEEA), San Antonio, TX.

Katsioloudis, P. (2007). *Best Practices in Design and Technology Education Symposium Proposal*. International Technology Educators Association Annual Conference, (ITEEA), San Antonio, TX.

Katsioloudis, P. (2007). *Biofuels: Ethanol production.* International Technology and Engineering Educators Association Annual Conference, (ITEEA), Salt Lake, UT.

Katsioloudis, P. (2007). *Identification of Quality Indicators of Visual-based Learning Material in Technology Education Programs for Grades 7-12*. International Technology and Engineering Educators Association Annual Conference, (ITEEA), Salt Lake, UT.

Katsioloudis, P. (2004*). Invention-Innovation-Inquiry (I^3), Units for Technological Literacy, Grades 5-6*. International Technology and Engineering Educators Association Annual Conference, (ITEEA), Columbus, OH.

National

Katsioloudis, P., Watson, G., Papelis, Y. (2010). *VisPort Project*. National Training and Simulation Association Conference, Washington, D.C.

Katsioloudis, P. (2009). *Detection and Assessment of Quality Indicators for Visual-based Learning Material in Technology Education Course for Grades 7-12*. American Society for Engineering Education Annual Conference, (ASEE), Austin, Texas.

Katsioloudis, P. (2009). *Enhancing the Collection Process for the Delphi Technique.* American Society for Engineering Education Southeastern Region Conference, (ASEE), Marietta, GA.

Katsioloudis, P. (2008). *Identification of Quality Indicators of Visual-based Learning Material in Technology Education Programs for Grades 7-12.* National Conference, American Society for Engineering Education, , Pittsburgh, PA.

Katsioloudis, P. (2006). *A comparison between the Cypriot Standards of Design and Technology vs. American Standards for Technological Literacy*. International Technology Education Association, (ITEEA), Baltimore, MD.

Katsioloudis, P. (2006). *Applications of TRIZ (Inventive Problem Solving) in Technology Education*, TRIZ, Milwaukee, WI.

Regional

Katsioloudis, P. (2011). *Future critical issues and problems facing technology and engineering education in the Commonwealth of Virginia*. Southeastern Technology Education Association Conference, Boone, NC.

Katsioloudis, P., & Reed, P. (2011). *Modeling and Simulation Research Extravaganza.* Virginia Technology Education Association Conference, (VTEEA), Portsmouth, VA.

Katsioloudis, P. (2010). *The VisPort Project.* Southeastern Technology Education Conference, Blacksburg, VA.

Katsioloudis, P. (2010). *The VisPort Project.* Opportunity Inc. Regional Meeting, SevaPort, Norfolk, VA.

Katsioloudis, P. (2010). *Communication Systems.* Project SEARCH Summer Academy., NOAA, Portsmouth, VA.

Katsioloudis, P. (2010). *Engineering Design Process.* Project SEARCH Summer Academy, NOAA, Portsmouth, VA.

Katsioloudis, P. (2010). *VisPort Project Final Report*: *Visualization of Port Logistics*. SevaPort, Opportunity Inc., Norfolk, VA.

Katsioloudis, P. (2009). *Visualization in Port Logistics.* SevaPort Opportunity Inc, Norfolk, VA.

Skophammer, R., & Katsioloudis, P. (2009). *Learning STEM through underwater technology*, Virginia Space Consortium, Hampton, VA.

Katsioloudis, P., & Skophammer, R. (2009). *Learning STEM through Scuba Diving*. Engineering Technology Exploratory (GAITE), Thomas Nelson Community College, Portsmouth, VA.

Katsioloudis, P. (2009).*Visualization of Port Logistics Project*. Maritime Institute Council Meeting, College of Business and Public Administration, Old Dominion University, Norfolk, VA.

Katsioloudis, P. (2009). *Introduction to STEM Education*. Southside Virginia Community College, Norfolk, VA.

Katsioloudis, P. (2009).*Teaching STEM through Scuba Diving.* GEAR UP Science Project, Old Dominion University, Kaufman Hall, Norfolk, VA.

Katsioloudis, P. (2008)., *Identification of Quality Indicators of Visual-based Learning Material in Technology Education Programs for Grades 7-12*. Southeastern Region Conference, American Society of Engineering Education, (ASEE), Memphis, TN.

Katsioloudis, P. (2007). *The role of Technology Education within the College of Education.* NCATE Accreditation Session, North Carolina State University, Raleigh, NC.

Grants Awarded

Wang, J. (Principal), Katsioloudis, P.(Co-Principal), Hou, G. (Co-Principal), Ravindra J. (Co-Principal), A Multidisciplinary Platform for Wave Energy, Sponsored by NSF TUES (award#1245769) , Old Dominion University, $199,131.00. (January 1, 2013-January 1, 2015).

Jovanovic, V. (Principal), Katsioloudis, P. (Co-Principal), Michaeli, J. (Co-Principal), Luetke, N. (Co-Principal). Online Modules for Computer Aided Drafting. Center for Learning and Teaching (CLT), Old Dominion University, $3,000. (February 1st, 2013-August 15th, 2013).

Fantz, T. (Principal), Katsioloudis, P. (Co-Principal), Dickerson, D. (Co-Principal). Fabrication Using 3D Printers in Space, Sponsored by the Virginia Space Consortium, Industrial and Scientific Research Center, Old Dominion University, $10,000.00. (April 12, 2012-April 12, 2013).

Sushil, C. (Principal), Katsioloudis, P.(Co-Principal), McKenzie, F. (Co-Principal), Prabhakaran R. (Co-Principal), Yoon, J. (Co-Principal), Engineering Laboratory Instruction In Immersive Virtual Environment (Enliiven), Sponsored by NSF TUES, Old Dominion University, $198,530.00. (January 1, 2011-January 1, 2013).

Judge, S. (Principal), Butler, C. (Co-Principal), Dickerson, D. (Co-Principal), Hinton-Johnson, K. (Co-Principal), Katsioloudis, P. (Co-Principal), Robinson, J. (Co-Principal), McKinney, S. (Co-Principal), Starling, I. (Co-Principal), Fleener, C. (Co-Principal), "Old Dominion University Teacher Immersion Residency," Sponsored by U.S. Department of Education, Federal, $6,054,007.00. (October 1, 2009 - September 30, 2014).

Katsioloudis, Petros (Principal), Watson, Ginger S**.** (Co-Principal) Papelis, Yiannis E. (Co-Principal), & Reed, Philip A(Co-Principal).Visualization of Port Logistics: VisPort©: Teacher Modules. Department of Labor. $22,000.00. (January 1 - June 30, 2010).

Katsioloudis, Petros (Principal), Watson, Ginger S.(Co-Principal),Papelis, Yiannis E. (Co-Principal),& Reed, Philip A.(Co-Principal). Visualization of Port Logistics: VisPort©. Department of Labor. $100,000 (August 1, 2009 – June 30, 2010).

Katsioloudis, P. (Principal), Bondi, S. (Co-Principal), Tomovic, C. (Co-Principal). Marine Systems Modeling and Simulation. Department of Labor, $15,000.00. (May 1, 2008- August 1, 2009).

Bondi, S. (Principal), Katsioloudis, P**.** (Co-Principal), Tomovic, C. (Co-Principal). CRANE Conceptual and Realistic Applications of Nautical Engineering, Virginia Department of Labor, $15,000.00. (May 1, 2008- August 1, 2009).

Katsioloudis, P. (Principal), Skophammer, R. (Co-Principal) Fraiser, M. (Co-Principal). Transportation Careers Lesson Plans, Sponsored by Virginia Department of Education and Department of Transportation, Old Dominion University, $8,000.00. (December 1, 2009- August 1, 2010).

Katsioloudis, P. Alternative Energy Transportation, Sponsored by Sustainability Coordinator Office, Berea College, $1,200.00. (March 2007 - March 2008).

Katsioloudis, P. Dissertation Completion Grant, Sponsored by Athanasiades Educational Foundation, $500.00. (December, 2007).

Grants Applied For:

Katsioloudis, P. (Principal), Dickerson, D. (Co-Principal), Jovanovic, V. (Co-Principal), Tomovic, C. (Co-Principal), Ernst, J. (Co-Principal). Innovative Technology Experiences for Students and Teacher, ITEST, Sponsored by National Science Foundation, Federal, $1,500,000.00. (November, 2012).

Dickerson, D. (Principal), Katsioloudis, P. (Co-Principal), Jovanovic, V. (Co-Principal). Discover Research K-12 (DRK-12). Sponsored by National Science Foundation, Federal, $1,000,000.00. (November, 2012).

Mileta, T. (Principal), Katsioloudis, P. (Co-Principal), Jovanovic, V. (Co-Principal), Tomovic, C. (Co-Principal). Advanced Technological Education, (ATE). Sponsored by National Science Foundation, Federal, $386, 000. 00. (October, 2012).

Dickerson, D., (Principal),Hofmann, E. (Co-Principal), Nelson, M. (Co-Principal**)**, Katsioloudis, P. (Co-Principal), Haun-Frank, J. (Co-PI). National Oceanographic and Atmospheric Administration, Project SEARCH 2.0. $645,903. (March, 2012).

Dickerson, D., (Principal),Hofmann, E. (Co-Principal), Nelson, M. (Co-Principal**)**, Katsioloudis, P. (Co-Principal), Haun-Frank, J. (Co-PI). (8/1/11-7/31/14). National Oceanographic and Atmospheric Administration, Project SEARCH 2.0. $645,903. (March, 2010).

Jabaily, M., (Principal), Katsioloudis, P. (Co-Principal), Reed, P. (Co-Principal), & Watson, G. (Co-Principal). TechKnODU: Navigating the Technological Landscape. Quality Enhancement Plan Proposal, Old Dominion University. (March, 2010).

Katsioloudis, P., (Principal), Watson, G. (Co-Principal), Reed, P.(Co-Principal), & Papelis, Y. (Co-Principal). ViTech: Visualization of Technological Literacy. Quality Enhancement Plan Committee, Old Dominion University, Norfolk, VA. (February, 2010).

Katsioloudis, P. (Principal), Innovative Technology Experiences for Students and Teacher, ITEST, Sponsored by National Science Foundation, Federal, $1,000,000.00. (June, 2009).

Katsioloudis, P., (Co-Principal), & Bondi, S. (Principal), Research Experiences for Teachers (RET) in Engineering, Sponsored by National Science Foundation, Federal, $500,000.00. (January, 2009).

SERVICE

University Service

Director, Industrial and Scientific Research Center, (ISRC), http://odubusinessgateway.com/home/ISRC (2012-present).

Member, University Grievance Committee, Representative for Darden College of Education, Old Dominion University, (2009 - Present).

Faculty Advisor, University Greek Hellenic Association, Old Dominion University, (2008 - present).

Faculty Advisor, Armed Forces Communications and Electronics Association, AFCEA, Old Dominion University, (2012- present).

Faculty Advisor, University Orthodox Christian Fellowship, Old Dominion University, (2008 – present).

College Service

Committee Member, STEM New Faculty Position Search Committee, (January 15, 2010 - February 28, 2010).

Presenter, Middle School Career Night (STEM Department representative), Chesapeake Public Schools. (February 9, 2010).

Member, University Undergraduate Research Committee. Representative for Darden College of Education, Old Dominion University, (October 2010-present).

Department Service

Program Coordinator, Industrial Technology Program, STEM Education and Professional Studies, Darden College of Education, Old Dominion University, (2009-Present).

Committee Member**,** STEM Integration Committee, STEM Education and Professional Studies, Darden College of Education, Old Dominion University, (2010- Present).

Committee Member, Doctoral Dissertation Committee, STEM Education and Professional Studies, Darden College of Education, Old Dominion University, (August 17, 2009 - present).

Professional Service

Treasurer, Council of Technology and Engineering Teacher Education, CTETE, (2011-2014).

Regional Coordinator for the Manufacturing Competition, Technology Education Collegial Association, TECA, (October 2009 - present).

Editorial Review Board Member, International Technology Education Association (ITEEA) journal entitled *The Technology and Engineering Teacher*, Reston, VA, (June, 2008 - present).

Editorial Review Board Member, American Society for Engineering Education, ASEE, *Engineering Design Graphics Journal*, (April 2008 - present).

ITEST Review Panel Member, National Science Foundation (NSF), Washington, DC, (March 2008 - present).

DRK-12 Review Panel Member, National Science Foundation (NSF), Washington, DC, (March 2008 - present).

Chair, ASEE Southeastern Engineering and Graphics Committee, (February 2008-2010).

Committee Member, ASEE Engineering Technology Committee, (February 2008 - present).

Editorial Review Board Member, *International Journal of Modern Engineering*, (September 2007 - 2010).

Editorial Review Board Member, *Meridian Research Journal*, North Carolina State University, Raleigh, North Carolina, (September 2006 - 2009).

Officer, President/Elect/Past, Epsilon Pi Tau Honorary Fraternity for Professions in Technology, (September 2004 - 2008).

Program Organizer, Southeastern Technology Education Conference, Blacksburg, VA, VA. (April 1, 2010 - October 1, 2012).

Officer, President/Elect/Past, South Eastern Technology Education Association, Raleigh, N.C. (October 10, 2009 - October 10, 2010).

Officer, Vice President, American Hellenic Educational Progressive Association, AHEPA, Norfolk, VA. (October 1, 2009 - October 1, 2010).