

PETER E. DOOLITTLE
Professor, Educational Psychology
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Professional Experience

Administrative Positions

- 2017- Director, School of Education
2020 Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia
- 2013- Assistant Provost for Teaching and Learning, Office of the Vice Provost for Academic Affairs
2017 Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia
- 2008- Executive Director, Center for Instructional Development and Educational Research (CIDER)
2017 Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia

Academic Positions

- 2012- Professor, Educational Psychology, School of Education
Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia
- 2005- Associate Professor, Educational Psychology, School of Education
2012 Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia
- 1997- Assistant Professor, Educational Psychology, School of Education
2004 Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia

- ◆ Teach/taught undergraduate Educational Psychology classes, including
 - EDEP 3154: Psychological Foundations of Education
 - EDEP 4124: Psychological Foundations of Education for Pre-Service Teachers
 - EDEP 4604: Tests and Measurement

- ◆ Teach/taught graduate Educational Psychology classes, including
 - EDEP 5114: Advanced Educational Psychology
 - EDEP 5114: Advanced Educational Psychology (Online)
 - EDEP 5784: Multimedia Cognition
 - EDCI 5784: Teaching and Inquiry in the Digital Humanities
 - EDEP 6114: Cognitive Processes and Instruction
 - EDEP 6224: Constructivism and Education
 - EDEP 6644: College Teaching
 - EDEP 6944: Professional Seminar

- 2004- Visiting Lecturer
2004 Dun Laoghaire Institute of Art, Design, and Technology, Dun Laoghaire, Ireland
- 1994- Assistant Professor, Department of Teacher Education
1997 Southeastern Louisiana University, Hammond, Louisiana
- 1993- ERIC Clearinghouse on Assessment and Evaluation
1994 The Catholic University of America, Washington, DC
- 1986- Computer Science & Mathematics Teacher / Department Chair
1993 The Bullis School, Potomac, Maryland

Education

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| Ph.D. | The Catholic University of America
Educational Psychology: Human Cognition | 1995 |
| M.S. | Baylor University
Education | 1984 |
| B.S. | Southern Methodist University
Experimental Psychology | 1983 |
| B.A. | Southern Methodist University
Physical Education | 1983 |

Awards and Honors

- 2011 Distinguished Fellow, International Society for Exploring Teaching and Learning
- 2010 Alumni Award for Excellence in Teaching, Virginia Tech
- 2010 Executive Development Institute, Virginia Tech
- 2009 Certificate of Teaching Excellence, College of Liberal Arts and Human Sciences, Virginia Tech
- 2008 Outstanding Teaching Award, School of Education, Virginia Tech
- 2008 Outstanding Service Award, School of Education Student Association, Virginia Tech
- 2007 Excellence in Graduate Student Advising Award, College of Liberal Arts & Human Sciences
- 2004 Research Fellowship, Institute for Distance and Distributed Learning, Virginia Tech
- 2001 Certificate of Teaching Excellence, College of Human Resources and Education, Virginia Tech
- 2000 Instructional Fellowship, Institute for Distance and Distributed Learning, Virginia Tech
- 2000 Teacher-As-Researcher Award, Phi Delta Kappa, Virginia Tech Chapter
- 1999 Award for Innovative Teaching, Phi Delta Kappa, Virginia Tech Chapter

Professional Service

Executive Editor

International Journal of Teaching and Learning in Higher Education (IJTLHE)	2005-2016
International Journal of ePortfolio (IJeP)	2010-2016

Associate Editor

International Journal of Cyber Behavior, Psychology and Learning (IJCBLP)	2008-present
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Advisory Board

Liberal Education (Association of American Colleges and Universities, AAC&U)	2020-present
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Guest Editor

Journal on Excellence in College Teaching, Special Issue on Web-based Teaching and Learning	2004
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Editorial Board Member

International Journal of Mobile Learning and Organization (IJMLO)	2007-2015
International Journal of Mobile and Blended Learning (IJMBL)	2007-2012
International Journal of Online Pedagogy and Course Design (IJOPCD)	2009-2015
Journal on Excellence in College Teaching (JECT)	2002-2006

Organization Board Member

International Society for Exploring Teaching and Learning (ISETL), Board Member	2004-2013
International Society for Exploring Teaching and Learning (ISETL), President	2007-2009
Eastern Educational Research Association (EERA), Communications Director	2009-2010

Journal Reviewer

Computers and Education	2015-current
Current Mobile Learning Technologies and Applications	2007-2012
Current Issues in Education	2006-2014
Educational Media International	2006-2012
Journal on Excellence in College Teaching	2001-2010
Journal of the Scholarship of Teaching and Learning	2008-2010
Learning and Individual Differences	2018-current
Teaching of Psychology	2006-2008
Theory and Research in Social Education	2005-2008

Conference Reviewer

American Educational Research Association (AERA)	2005-2012
Association for Educational Communications and Technology (AECT)	2004-2006
Conference on Higher Education Pedagogy (CHEP)	2009-2016
International Society for Exploring Teaching and Learning (ISETL)	2001-2016
Society for Information Technology in Teacher Education (SITE)	2004-2006

Grant Reviewer

Fund for the Improvement of Post-Secondary Education (FIPSE)	2007-2012
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Miscellaneous

External Review of University of Tennessee Teaching and Learning Center

External Review Letters for Tenure and Promotion Candidates

Auburn University

Kent State University

Bowling Green University

Pennsylvania State University

East Carolina University

Stonehill College

George Washington University

West Virginia University

Indiana University

University of North Carolina - Charlotte

Indiana University-Purdue IUPUI

University of Utah

Book Chapters

Drezek McConnell, K., & Doolittle, P. E. (2018). Course-embedded assessment: Aligning pedagogical practices to enhance student learning. In C. Secolsky and D. B. Denison (Eds.), *Handbook on measurement, assessment, and evaluation in higher education* (2nd ed., pp. 54-68). Routledge.

Watson, C. E., Terry, K., & Doolittle, P. (2012). Please read while texting and driving. In J. Groccia (Ed.), *To improve the academy* (vol. 31) (pp. 295-310). Anchor.

Van Hover, S., Hicks, D., Doolittle, P., & vanFossen, P. (2012) Learning social studies: An evidence-based approach. In K. Harris, S. Graham, & T. Urdu (Eds.), *American Psychological Association Educational Psychology Handbook* (pp. 283-307). American Psychological Association.

Hicks, D., & Doolittle, P. E. (2009). Multimedia-based historical inquiry strategy instruction: Do size and form really matter? In J. Lee & A. Friedman (Eds.), *Research on technology in social studies education* (pp. 127-152). John Wiley & Sons.

Hicks, D., Lisanti, M., Doolittle, P., Friedman, A., Hartshorne, R., Swan, K., Hofer, M., & Lee, J.K. (2009). Integrating technology into the social studies classroom. In Cennamo, K., Ross, J., & Ertmer, P., *Technology Integration for Meaningful Classroom Use: A Standards-based Approach* (pp. 409-424). Wadsworth.

Doolittle, P. E., Terry, K. P., & Mariano, G. J. (2009). The effects of working memory capacity on learning and performance in multimedia learning environments. In R. Zheng (Ed.), *Cognitive effects of multimedia learning* (pp. 17-33). Idea Group.

Mariano, G. J., Doolittle, P. E., & Hicks, D. (2009). Fostering transfer in multimedia learning environments. In R. Zheng (Ed.), *Cognitive effects of multimedia learning* (pp. 237-259). Idea Group.

Doolittle, P. E., Lusk, D. A., Byrd, C. N., & Mariano, G. J. (2009). iPods as mobile multimedia learning environments: Individual differences and instructional design. In H. Ryu & D. Parsons (Eds.), *Innovative mobile learning: Techniques and technologies* (pp. 83-101). Idea Group.

Doolittle, P. E., McNeill, A., Terry, K. P., Scheer, S. B. (2005). Multimedia, cognitive load, and pedagogy. In S. Mishra & R. C. Sharma (Eds.), *Interactive Multimedia in Education and Training* (pp. 184-212). Idea Group.

Reprinted in:

Information Resources Management Association (Ed.). (2011). *Instructional design: Concepts, methodologies, tools, and applications*. Hershey, PA: Idea Group.

Politis, D. (Ed.). (2008). *E-learning methodologies and computer applications in archaeology*. Idea Group.

Chandler, S. B., & Doolittle, P. E. (1999). Practical constructivism: Teaching multimedia with a hybrid approach. In R. Griffin, W. Gibbs, & V. Williams (Eds.), *Natural vistas: Visual literacy in the world around us* (pp. 13-18). International Visual Literacy Association.

Refereed Publications

Ma, S., Stegar, D., Doolittle, P., Lee, R., Griffin, D., & Stewart, A. (2020). Persistence of multitasking distraction following the use of smartphone-based clickers. *International Journal of Teaching and Learning in Higher Education*, 32(1), 64-72.

Terry, K., & Doolittle, P., (2019). Re-examining social presence: Implications for digital pedagogies. *Technology, Instruction, Cognition, and Learning*, 11, 121-139.

Ma, S., Stegar, D., Doolittle, P., & Stewart, A. (2018). Improved academic achievement and student perceptions of learning through use of a cell phone-based personal response system. *Journal of Food Science*, 17(1), 27-32.

Ozdemir, D., & Doolittle, P. (2015). Revisiting the seductive details effect in multimedia learning: Context-dependency of seductive details. *Journal of Educational Multimedia and Hypermedia*, 24(2), 101-119

Doolittle, P. E., Bryant, L., Chittum, J. (2014). Effects of segmentation and learner disposition on learning in a multimedia instructional environment. *British Journal of Educational Technology*, 46(6), 1333-1343.

Levi Altstaedter, L., & Doolittle, P. E. (2014). Students' perceptions of feedback. *Argentinian Journal of Applied Linguistics*. 2(2), 59-76.

Doolittle, P. E. (2014). Complex constructivism: A theoretical model of complexity and cognition. *International Journal of Teaching and Learning in Higher Education*, 26(2), 21-29.

Ragan, E. D., Jennings, S. R., Massey, J., & Doolittle, P. E. (2014). Unregulated use of laptops over time in large lecture classes. *Computers and Education*. 78, 78-86.

Doolittle, P. E., & Siudzinski, R. (2010). Recommended syllabus components: What do higher education faculty include on their syllabi? *Journal on Excellence in College Teaching*, 21(3), 29-60.

Doolittle, P. E. (2010). Effects of segmentation and personalization on superficial and comprehensive strategy instruction in multimedia learning environments. *Journal of Educational Multimedia and Hypermedia*, 19(2), 5-21.

- McNeill, A. L., Doolittle, P. E., & Hicks, D. (2009). The effects of training, modality, and redundancy on the development of a historical inquiry strategy in a multimedia learning environment. *Journal of Interactive Online Learning*, 8(3), 255-269.
- Lusk, D. L., Evans, A., D. Jeffrey, T. R., Palmer, K. R., Wikstrom, C. S., & Doolittle, P. E. (2009). Multimedia learning and individual differences: Mediating the effects of working memory capacity with segmentation. *British Journal of Educational Technology*, 40(4), 636-651.
- Doolittle, P. E., & Levi Altstaedter, L. (2009). The effect of working memory capacity on multimedia learning: Does attentional control result in improved performance? *Journal of Research in Innovative Teaching*, (2)1, 7-31.
- Hicks, D., & Doolittle, P. E. (2008). Fostering analysis in historical inquiry through multimedia embedded scaffolding. *Theory and Research in Social Education*, 36(3), 206-232.
- Terry, K. P., & Doolittle, P. E. (2008). Fostering self-efficacy through time management in an online learning environment. *Journal of Interactive Online Learning*, 7(3), 1-11.
- Doolittle, P. E., & Mariano, G. J. (2008). Working memory capacity and mobile multimedia learning environments: Is mobile learning from portable digital media players for everyone? *Journal of Educational Multimedia and Hypermedia*. 17(4), 511-530.
- Doolittle, P. E., & Lusk, D. L. (2007). The effects of institutional classification and gender on faculty inclusion of syllabus components. *Journal of the Scholarship of Teaching and Learning*. 7(2), 62-78.
- Lee, J., Doolittle, P., & Hicks, D. (2006). History teachers' use of non-digital and digital historical resources. *Research and Practice in Social Studies*, 1(3), 291-311.
- Doolittle, P., Potts, A., Boler, M., Cachaper, C., Tabor, L., Hicks, D., Carico, K., Ariew, S., & Atkins, A., (2006). The creation of an online diversity database. *Virginia Society for Technology in Education*, 21, 1-8.
- Terry, K., & Doolittle, P. E. (2006). Fostering self-regulation in distributed learning. *College Quarterly*, 9(1). Available at <http://www.senecac.on.ca/quarterly/2006-vol09-num01-winter/>
- Doolittle, P. E., Hicks, D., Triplett, C. F., Nichols, W. D., & Young, C. A. (2006). Reciprocal teaching for reading comprehension in higher education: A strategy for fostering the deeper understanding of texts. *International Journal on Teaching and Learning in Higher Education*, 17(2), 106-118.
- Bolick, C., Hicks, D., Lee, J., & Doolittle, P. E. (2004). Digital libraries: The catalyst to transform teacher education. *AACE Journal*, 12(2), 213-233.
- Terry, K. P., Doolittle, P. E., Scheer, S., & McNeill, A. (2004). Principles for the use of multimedia in higher education pedagogy. *Journal on Excellence in College Teaching*, 15(1/2), 87-104.
- Scheer, S. B., Terry, K. P., Doolittle, P. E., & Hicks, D. (2004). Online pedagogy: Principles for supporting effective distance education. *Journal on Excellence in College Teaching*, 15(1/2), 7-30.

- Hicks, D., Doolittle, P. E., Lee, J. (2004). Social studies teachers' use of classroom-based and web-based historical primary sources. *Theory and Research in Social Education*, 32(2), 137-171.
- Hicks, D., Carroll, J., Doolittle, P., Lee, J., & Oliver, B. (2004). Teaching the mystery of history. *Social Studies and the Young Learner*, 17,(1), 14-16
- Hicks, D., Doolittle, P. E., Ewing, T. (2004). The SCIM-C strategy: Fostering historical inquiry in a multimedia environment. *Social Education*. 68,(3), 221-225.
- Doolittle, P. E., & Hicks, D. (2003). Constructivism as a theoretical foundation for the use of technology in social studies. *Theory and Research in Social Education*, 31(1), 72-104.
- Hicks, D., Tlou, J., Lee, J., Parry, L., & Doolittle, P. E. (2002). Global connections: Using the Internet to support citizenship education. *International Journal of Social Education*, 17(2), 93-102.
- Doolittle, P. E. (2001). The need to leverage theory in the development of guidelines for using technology in social studies teacher education. *Contemporary Issues in Technology and Teacher Education*, 4(1), 501-516.
- Doolittle, P. E., & Camp, W. G. (1999). Constructivism: The vocational and technical education perspective. *Journal of Vocational and Technical Education*. 16(1), 23-46.
- Doolittle, P.E. (1997). Vygotsky's zone of proximal development as a theoretical foundation for cooperative learning. *Journal on Excellence in College Teaching*, 8(1), 81-101.
- Doolittle, P.E., & Tricou, C.L. (1997). A constructivist framework for the read-aloud in a secondary classroom. *Reading: Exploration and Discovery*, 18, 42-48.
- Doolittle, P.E. (1996). Vygotskian vocabulary development in the secondary classroom. *Reading: Exploration and Discovery*, 17, 1-9.
- Doolittle, P.E. (1995). Vygotsky and the socialization of literacy. *Reading: Exploration and Discovery*, 16, 45-50.
- Doolittle, P.E., & Yekovich, F.R. (1994). Developing expertise in the professions: Theoretical and practical concerns. *Professions Education Research Quarterly*, 76, 212-220.

TED Presentation

- Doolittle, P. E. (2013, June). *Working memory and the processing of life*. Presented at TED Global, Edinburgh, Scotland. (2+ million views)

Keynote & Plenary Addresses

- Doolittle, P. E. (2020, August). *Neuroscience: Teaching for Deep and Flexible Learning*. Neuroscience, Cognition, and Technology Seminar, Fundación Educacional Seminario, Santiago, Chile. (Participants included 310+ K-12 teachers and administrators)
- Doolittle, P. E. (2020, August). *Working Memory and the Integration of Technology in Teaching and Learning*. Neuroscience, Cognition, and Technology Seminar, Fundación Educacional Seminario, Santiago, Chile. (Participants included 310+ K-12 teachers and administrators)
- Doolittle, P. E. (2020, July). *Neurociencias en la Educación: Claves para impulsar el aprendizaje*. Neuroscience in Education, Ministry of Education, Santiago, Chile. (Participants included 4700+ K-12 teachers and administrators)
- Doolittle, P. E. (2020, February). *Integrating Learning and Experience in STEM*. STEM Teaching and Learning, Wiley Publishing, Coral Gables, FL. (Participants included 70+ STEM faculty members)
- Doolittle, P. E. (2019, October). *Fostering Pedagogical Innovation and Excellence – Past, Present, & Future*. Conference on Innovative Higher Education Pedagogy, Charlotte, NJ. (Participants included 100+ faculty members)
- Doolittle, P. E. (2019, August). *Proactive Learning: Deep & Flexible Learning*. Teaching Enhancement Symposium, Gainesville, FL. (Participants included 100+ agricultural and life sciences faculty members)
- Doolittle, P. E. (2019, May). *Effective Strategies for Deep and Flexible Learning*. The Teaching Professor Conference, New Orleans, LA. (Participants included 500+ faculty members and developers)
- Doolittle, P. E. (2019, May). *Integrating Teaching, Learning, and Assessment*. Faculty Development Days – Husson University, Bangor, ME. (Participants included 90+ faculty members)
- Doolittle, P. E. (2019, April). *Leveraging Technology for Innovative Pedagogy*. 7th Annual Learning Technology Expo, Hoboken, NJ. (Participants included 50+ Stevens Institute of Technology faculty members)
- Doolittle, P. E. (2019, March). *Difference Approaches to Course Delivery: From Lecture to Flipping to Project Based*. Spotlight Conference, Cookeville, TN. (Participants included 100+ faculty members)
- Doolittle, P. E. (2019, March). *Future of Digital Learning*. Teaching and Learning Summit, Wiley Publishing, Miami, FL. (Participants included 100+ faculty members and developers)
- Doolittle, P. E. (2019, March). *Future of Digital Learning*. Teaching and Learning Summit, Wiley Publishing, Phoenix, AZ. (Participants included 100+ faculty members and developers)
- Doolittle, P. E. (2018, October). *Technology, Humanity, and Intentionality*. 2018 Ed Tech Summit, Hoboken, NJ. (Participants included 50+ faculty and developers)

- Doolittle, P. E. (2018, January). *Integrating Learning, Memory, and Experience*. Management Accounting Section Meeting of the American Accounting Association, Phoenix, AZ. (Participants included 100+ faculty and developers)
- Doolittle, P. E. (2017, October). *Teaching, learning, technology, memory, and research*. Teaching with Technology Conference, Baltimore, MD. (Participants included 400+ faculty and developers)
- Doolittle, P. E. (2017, October). *Integrate everything: Making the pedagogical sausage*. Presented at the Teaching and Learning with Technology Conference, Harrisonburg, VA. (Participants included 100+ faculty)
- Doolittle, P. E. (2017, May). *Active Learning, Proactive Teaching, Deep and Flexible Knowledge*. Presented at the Teaching and Learning Conference, Tallahassee, FL. (Participants included 70+ faculty from FAMU)
- Doolittle, P. E. (2017, February). Using the Learning Sciences to Enhance Learning, Agency, and Equity. Presented at the American Association of College and Universities (AACU) General Education and Assessment Conference, Phoenix, AZ. (Participants included 150+ faculty, administrators, and unit heads from national universities)
- Doolittle, P. E. (2017, January). *Deep and Flexible Knowledge, Course Embedded Assessment, and Instructional Assessment Strategies*. Presented at the Winter Teaching Symposium, Fayetteville, Arkansas. (Participants included 100+ faculty and administrators for University of Arkansas)
- Doolittle, P. E. (2016, November). *Unpacking the Student Life Cycle* [a panel]. Presented at the Reinvention Collaborative –Advancing Undergraduate Education in America’s Research Universities Conference, Washington, DC. (Participants included 100+ administrators from national universities)
- Doolittle, P. E. (2016, October). *Teaching, Learning, Innovation*. Presented at the Annual International Society for Exploring Teaching and Learning Conference, Salt Lake City, UT. (Participants included 80+ faculty from national universities)
- Doolittle, P. E. (2016, October). *Designing Integrative Learning Experiences*. Presented at the Slippery Rock Professional Development Day, Slippery Rock, PA. (Participants included 100+ faculty from SRU)
- Doolittle, P. E. (2016, October). *Teaching, Learning, & Assessment*. Presented at the Assessment Academy, Hampton, VA. (Participants included 70+ faculty from regional community colleges)
- Doolittle, P. E. (2016, September). *Teaching and Learning in/for the Future*. Presented at the Symposium on Teaching and Learning at University of Utah, UT. (Participants included 90+ faculty from UT)
- Doolittle, P. E. (2016, August). *Teaching So All Can Learn: Integrating Inclusive and Active Learning*. Presented at the Conference on Inclusive Pedagogy, Juniata College, PA. (Participants included 120+ faculty)
- Doolittle, P. E. (2016, July). *Thinking More Clearly, Learning More Deeply*. Presented at the American Honors Conference, Denver, CO. (Participants included 100+ American Honors faculty)

- Doolittle, P. E. (2016, June). *Memory and Learning: Fostering Deep and Flexible Knowledge and Performance*. Presented at the Dominion's Millstone Nuclear Facility, Waterford, CT. (Participants included 70+ Dominion Instructional Designers)
- Doolittle, P. E. (2016, May). *Active Learning + Proactive Teaching*. Presented at the Hamline's May Day, St. Paul, MN. (Participants included 70+ Hamline faculty)
- Doolittle, P. E. (2016, May). *Teaching, Learning, Innovation*. Presented at the Ed Tech Academy, Knoxville, TN. (Participants included 80+ faculty from regional universities)
- Doolittle, P. E. (2016, March). *Mindfulness, Mind Wandering, and Working Memory Capacity*. Presented at the Contemplative Practices for the 21st Century University Conference, Blacksburg, VA. (Participants included 100+ faculty from regional universities) [plenary]
- Doolittle, P. E. (2015, November). *Innovate: Making Things Better*. Presented at the Innovation in Teaching Conference, Athens, GA. (Participants included 200+ faculty from regional universities)
- Doolittle, P. E. (2015, July). *Learning, Memory, and Technology: Working Memory and Learning Effectiveness in a Technology-Rich Environment*. Presented at the Western Virginia Instructional Technology Mini-Conference, Roanoke, VA. (Participants included 100+ faculty from regional universities)
- Doolittle, P. E. (2015, June). *Active Learning and Memory: Fostering Deep, Sustained, and Flexible Learning*. Presented at the Process Education Conference, Richmond, VA. (Participants included 50+ faculty from regional universities)
- Doolittle, P. E. (2015, May). *Active Learning and Innovation: Leveraging Research, Not Rhetoric, in Pursuit of Deep and Flexible Learning*. Presented at the Teaching and Learning Symposium, Madison, WI. (Participants included 200+ faculty from regional universities)
- Doolittle, P. E. (2015, February). *From Silver Bullets to First Principles: Effectively Leveraging Technology in Higher Education*. Presented at the EDUCAUSE Learning Initiative (ELI) Annual Conference, Anaheim, CA. (Participants included 300+ faculty, administrators, and vendors from various learning and technology fields)
- Doolittle, P. E. (2014, September). *Assessment for Free: Fully Integrating Assessment into Teaching and Learning*. Presented at the annual Institutional Effectiveness Day, Radford University, Radford, VA. (Participants included 100+ faculty and administrators from Radford University)
- Doolittle, P. E. (2014, July). *Flipping the Classroom: Leveraging Technology in the Design of Instruction to Foster Student Learning*. Presented at the Teaching with Technology Symposium, Tufts University, Medford, MA (Participants included 100+ faculty, administrators, and research faculty)
- Doolittle, P. E. (2014, May). *Flipping the Classroom: Leveraging Technology in the Design of Instruction to Foster Student Learning*. Presented at the Teaching with Technology Symposium, Tufts University, Medford, MA (Participants included 100+ faculty, administrators, and research faculty)

- Doolittle, P. E. (2014, March). *Assessing the Silver Bullet: Where Research and Rhetoric Collide*. Presented at the Connections Conference, Blacksburg, VA (Participants included 100 advisors, faculty members and administrators).
- Doolittle, P. E. (2013, October). *Mindful Advising Matters: Our Appointment for Life is in the Present*. Presented at the National Association of Academic Advisors for Athletes Region II, Blacksburg, VA (Participants included 200 student advisors and advising administrators)
- Doolittle, P. E. (2013, July). *Five Principles to Facilitate Teaching Across Your Academic Career*. Presented at the New Faculty Colloquium at the University of Georgia, Athens, GA (Participants included 100 faculty members new to the University of Georgia)
- Doolittle, P. E. (2013, June). *Learning and Teaching in a Changing World*. Presented at the Association for Nursing Professional Development Conference, Dallas, TX (Participants included 1000 nurses, faculty members and administrators).
- Doolittle, P. E. (2013, May). *Skills for Retention: Reading, Writing, and Comprehending Critically*. Presented at the Annual Student Development and Success Institute, Ft. Worth, TX (Participants included 100 faculty members)
- Doolittle, P. E. (2013, March). *Transformative Learning with Technology: A Love-Hate Relationship from MOOCs to Tweets to Clouds to Pencils*. Presented at the Transformative Learning Conference, Edmond, OK (Participants included 100 faculty members and administrators).
- Doolittle, P. E. (2013, March). *Mindful Advising Matters: Our Appointment with Life is in the Present Moment*. Presented at the Advising Matters Conference, Blacksburg, VA (Participants included 100 advisors, faculty members and administrators).
- Doolittle, P. E. (2013, March). *Learning, Assessment, and Technology: From Hype to Help to Harmony*. Presented at the Connections Conference, Blacksburg, VA (Participants included 100 advisors, faculty members and administrators).
- Doolittle, P. E. (2012, October). *Learning and the ePortfolio: Creating a Value-Added Learning Environment*. Presented at the Southeast Conference of the Association for Authentic, Experiential, and Evidenced-based Learning, Clemson, SC. (Participants included 100 faculty members and administrators).
- Doolittle, P. E. (2012, October). *Is Technology Gold or Fool's Gold: Teaching, Learning, and Technology*. Presented at the Annual Conference of the International Society for Exploring Teaching and Learning, San Antonio, TX. (Participants included 250 faculty members and administrators).
- Doolittle, P. E. (2012, September). *Teaching and Learning in a Changing World*. Presented at the Annual Conference of the South Carolina Association of Teacher Educators, Hartsville, SC. (Participants included 200 teacher educators and administrators).
- Doolittle, P. E. (2010, July). *From lecturing to learning*. Presented at the Dominion Instructional Excellence Workshop at the Millstone Power Station, Waterford, CT. (Participants included 50 instructional developers and trainers).

- Doolittle, P. E. (2010, May). *From lecturing to learning*. Presented at the Dominion Instructional Excellence Workshop at the North Anna Power Station, Richmond, VA. (Participants included 50 instructional developers and trainers).
- Doolittle, P. E. (2010, December). *From lecturing to learning*. Presented at the Dominion Instructional Excellence Workshop at the Kawaunee Power Station, Carlton, WI. (Participants included 50-75 instructional developers and trainers at each power station).
- Doolittle, P. E. (2010, May). *Foundational principles for teaching and learning in higher education*. Presented at the Radford University Our Turn retreat, Radford, VA. (Participants included 75-100 Radford faculty and administrators.)
- Doolittle, P. E. (2009, May). *Using technology to connect with our students*. Presented at the New England Faculty Development Consortium's Annual Conference via video-conference to six sites in New England and Louisiana. (Participants included 150-200 faculty, administrators, professional developers and higher education professionals.)
- Doolittle, P. E. (2008, August). *Living, loving and learning*. Presented at the St. Scholastica Annual Faculty Retreat, Duluth, MN. (Participants included 100-150 St. Scholastica faculty and administrators.)
- Doolittle, P. E. (2008, January). *Multimedia learning: The science of instruction in a multimedia world*. Presented at the University of Illinois, Urbana-Champaign University Annual Faculty Retreat, Champaign, IL. (Participants included 200-250 UIUC faculty and administrators.)
- Doolittle, P. E. (2007, March). *Teaching for cognition: Learning for a lifetime*. Presented at the Oklahoma Higher Education Teaching and Learning Conference, Tahlequah, OK. (Participants included 150-175 Oklahoma higher education professionals.)
- Doolittle, P. E. (2007, March). *iPods and mobile technologies in educational contexts*. Presented at the Grand Valley State University (GVSU) Teaching Learning, and Technology Fair, Allendale, MI. (Participants included 150 Grand Valley State University faculty members.)
- Doolittle, P. E. (2007, March). *Multimedia in the classroom*. Presented at the Ohio State University (OSU) Learning Institute, Columbus, OH. (Participant included 50 Ohio State University faculty members.)
- Doolittle, P. E. (2006, October). *Cognition, thought, and meaning: Integrating technology into teaching*. Presented at the Lilly Conference on College Teaching – North, Traverse City, MI. (Participants included 100 higher education faculty from diverse content domains.)
- Doolittle, P. E., & Terry, K. P. (2005, October). *Teaching, learning, and technology: An active guide to integration*. Presented at the State University of New York (SUNY) Teaching, Learning, and Technology (TLT) Annual Conference, Albany, NY. (Participants included 75-100 technology coordinators, instructional designers, and technology managers from the SUNY system)
- Doolittle, P. E. (2005, June). *Research in education: Fostering change and innovation in teaching and learning*. Presented at the Teaching and Learning Innovation convocation, Dublin, Ireland. (Participants included 50-100 faculty members from diverse domains from Dublin City University)

- Doolittle, P. E. (2003, August). *Assessing learning objects: An essential challenge*. Presented at the International MERLOT Conference, Vancouver, B.C., Canada. (Participants included 300-350 higher education faculty members, instructional technologists, and educational/instructional technology industry representatives)
- Doolittle, P. E. (2003, April). *Cognition, thought, and meaning: A practical foundation for the integration of teaching, learning, and technology*. Presented at the National Conference on Teaching in Higher Education Forum, Baton Rouge, LA. (Participants included 150-200 higher education faculty, instructional designers/technologists, and education/instructional technology industry representatives)
- Doolittle, P. E. (2002, October). *Mindful communication*. Presented at the Professional Development Day, Palm Beach Community College, Palm Beach, FL. (Participants included 250-300 higher education faculty and staff from the five regional Palm Beach Community College campuses)
- Doolittle, P. E. (2002, September). *Human learning: In pursuit of the magic of the human condition*. Presented at the Keck Grant Symposium, Virginia Union University, Richmond, VA. (Participants included 20-25 English and Psychology faculty members working on a Keck Grant designed to create a centralized and standardized core curriculum for the English and Psychology programs)
- Doolittle, P. E. (2001, March). *The pedagogy of cognitive psychology*. Presented at the National Lilly Conference on College Teaching – West, Lake Arrowhead, CA. (Participants included 200-250 higher education faculty members and administrators)
- Doolittle, P. E. (2000, October). *Knowledge is power: Lessons from cognitive psychology*. Presented at the National Lilly Conference on College Teaching – New England, Boston, MA. (Participants included 150-200 higher education faculty members and administrators)
- Doolittle, P. E. (2000, February). *Constructivism and Agricultural Education*. Presented at the Southern Agricultural Education Conference (SAEC), Lexington, KY. (Participants included 150-200 higher education faculty members and administrators)

Conference Presentations

International Conferences

- Doolittle, P. E. (2013, July). *Constructive ePortfolios: Fostering Deep Learning through User Open Source*. Presented at the ePortfolio and Identity Conference (ePIC), London, England.
- Doolittle, P. E., & Hicks, D. (2005, May). *Multimedia pedagogy: Central issues and practical guidelines*. Presented at the EdTech 2005: Sixth Annual Irish Educational Technology Users' Conference, Dun Laoghaire, Ireland.
- Hicks, D., Doolittle, P. E., Ewing, T. (2004, September). *Historical inquiry, evidential understanding, and multimedia in the preparation of pre-service history teachers in the United States*. Paper presented at the British Educational Research Association, Manchester, England.

- Doolittle, P. E. (2004, June). *Practical online learning applications: A look behind the curtain*. Paper presented at EdTech 2004: Fifth Annual Irish Educational Technology Users' Conference, Tralee, Ireland.
- Doolittle, P. E. (2003, May). *Applied metacognition: Using technology to stimulate thought*. Paper presented at EdTech 2003: Fourth Annual Irish Educational Technology Users' Conference, Waterford, Ireland.
- Doolittle, P. E., Scheer, S., & Terry, K. S. (2002, November). *Design and development of online learning: Field-tested principles of practice*. Paper presented at the International Online Conference: Teaching Online in Higher Education, Fort Wayne, IN.
- Doolittle, P. E. (2001, November). *Multimedia learning: Empirical results and practical applications*. Paper presented at the International Online Conference: Teaching Online in Higher Education, Fort Wayne, IN.
- Doolittle, P. E. (2000, November). *Online pedagogy: The ill-structured nature of web-based instruction*. Paper presented at the International Online Conference: Teaching Online in Higher Education, Fort Wayne, IN.
- Scheer, S. B., & Doolittle, P. E. (2000, November). *Psychosocial presence: How transactional and psychological distance affect distance learners*. Paper presented at the International Online Conference: Teaching Online in Higher Education, Fort Wayne, IN.
- Doolittle, P. E. (2000, May). *Technology, Pedagogy, and Constructivism: From Theory to Internet*. Paper presented at EdTech 2000: First Annual Irish Educational Technology Users' Conference, Sligo, Ireland.
- Doolittle, P. E. (1999, October). *Web Site Design from an Educational Psychology Perspective*. Paper presented at the International Online Conference: Teaching Online in Higher Education, Fort Wayne, IN.
- Doolittle, P. E. (1999, October). *Constructivism and Online Education*. Paper presented at the International Online Conference: Teaching Online in Higher Education, Fort Wayne, IN.
- National Conferences*
- Doolittle, P., & Terry, K. (2019). *Strategies for Fostering Deep and Flexible Learning*. Paper presented at the Conference on Innovative Higher Education Pedagogy, Charlotte, NC.
- Doolittle, P., & Terry, K. (2019). *Deep and Flexible Learning in a Digital World*. Paper presented at the Conference on Higher Education Pedagogy, Blacksburg, VA.
- Doolittle, P., & Hilder, J. (2018). *Mind-Centered Pedagogy*. Paper presented at the International Society for Exploring Teaching and Learning, Phoenix, AZ.

- Doolittle, P. (2015). *Flipping your class: A step-by-step-guide*. Paper presented at the International Society for Exploring Teaching and Learning, Savannah, GA.
- Doolittle, P. (2012). *10 instructional strategies for fostering deep learning*. Paper presented at the International Society for Exploring Teaching and Learning, San Antonio, CA.
- Doolittle, P. (2012). *Technopositivist's romanticization of instructional technology: Cutting through the digital technology hype*. Paper presented at the International Society for Exploring Teaching and Learning, San Antonio, CA.
- Terry, K., Doolittle, P., Watson, E. (February, 2012). *Perspectives on Mobile Learning and Learning While Mobile in Higher Education*. Paper presented at the Conference on Higher Education Pedagogy, Blacksburg, VA.
- Bryant, L., Clark, S., Broyles, T., Niewolny, K., Watson, E., Doolittle, P., & McConnell, K. (2012). *Collaborative Teaching at a Large Research University: Obstacles and Opportunities*. Paper presented at the Conference on Higher Education Pedagogy, Blacksburg, VA.
- Doolittle, P., Byrd, N., Boyer, J., & Pritchard, K. (2011). *Learner-centered teaching in large and ultra-large classes*. Paper presented at the International Society for Exploring Teaching and Learning, San Diego, CA.
- McConnell, K., & Doolittle, P. (October, 2011). *Learner-centered assessment: Filling in the "Missing Part" of pedagogy*. Paper presented at the International Society for Exploring Teaching and Learning, San Diego, CA.
- Meehan, K., Hendricks, R.W., Martin, C.V. & Doolittle, P.E. (June, 2011) *Lab-in-a-Box: Assessment of Materials Developed to Support Independent Experimentation on Concepts from Circuits*. American Society for Engineering Education Annual Conference and Exposition. Victoria, B.C.
- Meehan, K., Clark, Jr., R.L., Hendricks, R.W., Martin, C.V. Doolittle, P.E., & Olinger, J.E. (June, 2011). *Lab-in-a-Box: Online Instruction and Multimedia Materials to Support Independent Experimentation on Concepts from Circuits*, American Society for Engineering Education Annual Conference and Exposition. Victoria, B.C.
- Terry, K. P., Doolittle, P. E., & Watson, C. E. (October, 2010). *Educational technology landscape: Visions of the possible*. Paper presented at the International Society for Exploring Teaching and Learning, Nashville, TN.
- Doolittle, P. E., Parkes, K., & Kajder, S. (October, 2010). *5 alternative/authentic assessment strategies: Probing what students know*. Paper presented at the International Society for Exploring Teaching and Learning, Nashville, TN.
- Doolittle, P. E. (March, 2010). *Bogus & beneficial pedagogical concepts: From common sense to common science*. Paper presented at the SoTL Commons Conference, Statesboro, GA.
- Doolittle, P. E., & Watson, C. W. (March, 2010). *Leveraging institutional professional development centers to foster a culture of SoTL*. Paper presented at the SoTL Commons Conference, Statesboro, GA.

- Mariano, G., Lusk, D., & Doolittle, P. E. (2009, October). *You lecture is just not that into you: 15 strategies for successful lecturing*. Paper presented at the International Society for Exploring Teaching and Learning, Philadelphia, PA.
- Doolittle, P. E., Levi Altstaedter, L., Uribe, L., & Wu, Y. (2009, October). *Multimedia learning: Effects of narrator's accent and student's cultural intelligence on learning*. Paper presented at the International Society for Exploring Teaching and Learning, Philadelphia, PA.
- Doolittle, P. E., & Hicks, D. (2009, February). *The role of feedback and explicitness in multimedia strategy instruction*. Paper presented at the Eastern Educational Research Association, Sarasota, FL.
- Doolittle, P. E., & Lusk, D. L., & Byrd, C. N. (2009, February). *The effects of segmentation and cueing under conditions of high cognitive load*. Paper presented at the Eastern Educational Research Association, Sarasota, FL.
- Altstaedter, L. L., Uribe Florez, L., J., Wu, L., & Doolittle, P. E. (2009, February). *The effects of cultural awareness and speaker's voice on multimedia learning*. Paper presented at the Eastern Educational Research Association, Sarasota, FL.
- Doolittle, P. E., & Byrd, C. N. (2008, October). *Learning from iPods: Is mobile learning from portable digital media players for everyone?* Paper presented at the International Society for Exploring Teaching and Learning, Las Vegas, NV.
- Hicks, D., & Doolittle, P. E. (2008, April). *Examining the utility of multimedia embedded scaffolding to facilitate the teaching and learning of history*. Paper presented at the American Educational Research Association, New York, NY.
- Lusk, D. L., Bryd, C. N., Mariano, G. J., Doolittle, P. E., & Hicks, D. (2008, April). *The effects of segmentation and personalization on superficial and comprehensive strategy instruction in multimedia learning environments*. Paper presented at the American Educational Research Association, New York, NY.
- Doolittle, P. E., Mariano, G. J., McCloud, J., Byrd, C. N., (2008, February). *iPods as educational platforms: An individual differences approach*. Paper presented at the Eastern Educational Research Association, Hilton Head, SC.
- Doolittle, P. E., McCloud, J., Mariano, G. J., Byrd, C. N., (2008, February). *Working memory capacity, attentional control and multimedia learning*. Paper presented at the Eastern Educational Research Association, Hilton Head, SC.
- Doolittle, P. E., & Mariano, G. J. (2007, October). *iPods and education*. Paper presented at the annual conference of the International Society for Exploring Teaching and Learning, Palm Springs, CA.
- Lusk, D., Snediker, T., Mariano, G., & Doolittle, P. (2007, February). *Syllabus design: The effects of institutional classification and gender on faculty inclusion of syllabus components*. Paper presented at the Eastern Educational Research Association, Clearwater, FL.

- Snediker, T., Mariano, G., Lusk, D., Doolittle, P., & Hicks, D. (2007, February). *Multimedia strategy instruction: Scaffolding historical inquiry*. Paper presented at the Eastern Educational Research Association, Clearwater, FL
- Mariano, G., Lusk, D., Snediker, T., & Doolittle, P. (2007, February). *Multimedia learning and working memory capacity: Individual differences matter*. Paper presented at the Eastern Educational Research Association, Clearwater, FL.
- Doolittle, P. E. (2006, November). *iPod + iTunesU + iPodagogy: The iPodification of education*. Paper presented at the Lilly Conference on College Teaching, Oxford, OH.
- Doolittle, P. E. & Siudzinski, R. (2006, November). *3 bogus and 3 beneficial pedagogical concepts: From common sense to common science*. Lilly Conference on College Teaching, Oxford, OH.
- Doolittle, P. E., Terry, K., & Snediker, T. (2006, October). *iPods and education*. Paper presented at the annual conference of the International Society for Exploring Teaching and Learning, Palm Springs, CA.
- Doolittle, P. E., Siudzinski, R., & Lusk, D. (2006, October). *Writing a syllabus: Getting it right and staying out of jail*. Paper presented at the annual conference of the International Society for Exploring Teaching and Learning, Palm Springs, CA.
- Doolittle, P. E. (2006, September). *iPod + iTunesU + iPodagogy: The iPodification of Education*. Paper presented at the Lilly Conference on College Teaching – North, Traverse City, MI.
- Doolittle, P. E., Hicks, D., Siudzinski, R., & Ewing, T. (2006, April). *The effects of modality and redundancy on cognitive strategy instruction in a multimedia environment*. Paper presented at the American Educational Research Association, San Francisco, CA.
- Hicks, D., & Doolittle, P. E. (2006, April). *Structuring and problematizing historical inquiry through multimedia embedded scaffolding*. Paper presented at the American Educational Research Association, San Francisco, CA.
- Doolittle, P. E. (2005, November). *Multimedia learning: Cognitive psychology, instructional design, and instructional technology*. Paper to be presented at the National Lilly Conference on College Teaching, Miami, OH
- Doolittle, P. E. (2005, October). *Teaching, learning, and technology: Where sanity and insanity collide*. Paper to be presented at the 33rd Annual International Society for Exploring Teaching and Learning conference, Cocoa Beach, FL.
- Doolittle, P. E. (2005, September). *Multimedia learning: Pedagogy from the edge*. Presented at the National Lilly Conference on College & University Teaching – Traverse City, Michigan, MA.
- Doolittle, P. E. (2004, June). *Teaching, learning, and technology: An active guide to integration*. Paper presented at the Association for Educational Communications and Technology Summer Conference, Denton, TX.

- Potts, A., Hicks, D., Doolittle, P. E., Boler, M., Cachaper, C., Prickett, R., Ariew, S. (2004, June). *Qualitative meta-analysis for social justice: The creation of an on-line database*. The Fourth International Conference on Diversity in Organizations, Communities and Nations, University of California, Los Angeles, CA.
- Hicks, D., Doolittle, P., & Ewing, T. (2004, March). *Using multimedia to prepare Preservice social studies teachers for the teaching of historical inquiry*. Paper presented at the Society for Information Technology and Teacher Education, Atlanta, GA. (SITE Paper Award)
- Molebash, P., Lee, J., Hicks, D., Doolittle, P., & Bolick, C. (2004, March). *Digital historical inquiry project*. Paper presented at the Society for Information Technology and Teacher Education, Atlanta, GA.
- Potts, A., Boler, M., Hicks, D., Doolittle, P., Ariew, S., Cachaper, C., Carico, K., & Prickett, R. (2004, March). *Qualitative meta-analysis for social justice: The creation of an online diversity resources database*. Paper presented at the Society for Information Technology and Teacher Education, Atlanta, GA. (SITE Paper Award)
- Potts, A., Doolittle, P. E., Hicks, D., Boler, M., Cachaper, C., Prickett, R., Ariew, S., Cachaper, C. & R. Prickett, (2004, March). *The creation of an on-line diversity resources database*. Mid Atlantic Conference on the Scholarship of Diversity, Virginia Tech, VA.
- Potts, A., Boler, M., Hicks, D., Doolittle, P. E., Cachaper, C., Prickett, R., Ariew, S., Cachaper, C. & R. Prickett. (2004, March). *Diversity and Educational Technology: The creation of an on-line diversity resource database*. The Ninth Annual Southeastern Association of Educational Studies. University of Georgia, Athens, GA
- Lee, J., Hicks, D., & Doolittle, P. (2003, November). *How the web is being used to teach history: The results of a national survey of NCSS Members*. Paper presented at the meeting of the College and University Faculty Assembly of the National Council for the Social Studies, Chicago, IL.
- Bolick, C., Hicks, D., Lee, J., Doolittle, P., & Molebash, P. (2003, November). *The digital history inquiry project*. Presentation at the meeting of the National Council for the Social Studies, Chicago, IL.
- Lee, J., Hicks, D., & Doolittle, P. (2003, April). *Are we using the web to support teaching the doing of history: The results of a national survey*. Paper presented at the meeting of the American Educational Research Association, Chicago, IL.
- Doolittle, P. E., Hicks, D., Boler, M., Potts, A., Cachaper, C., & Tabor, L. (2003, March). *The Diversity Resource Center Database: Utilizing technology to create social equality*. Paper presented at the Society for Information Technology and Teacher Education International Conference, Albuquerque, NM.
- Molebash, P., Lee, J., Hicks, D., Doolittle, P. E., & Bolick, C. (2003, March). *Digital historical inquiry project*. Paper presented at the Society for Information Technology and Teacher Education International Conference, Albuquerque, NM.

- Terry, K. S., & Doolittle, P. E. (2002, November). *Constructing multimedia: Synthesizing philosophy, psychology, and pedagogy*. Paper presented at the annual Association for Educational Communications and Technology conference, Dallas, TX.
- Doolittle, P. E. (2002, October). *Mindfulness and metacognition: Strategies for encouraging thoughtful students*. Paper presented at the 32nd Annual International Society for Exploring Teaching Alternatives conference, Pittsburgh, PA.
- Doolittle, P. E. (2002, October). *Multimedia learning: Beyond the sound and fury*. Paper presented at the 32nd Annual International Society for Exploring Teaching Alternatives conference, Pittsburgh, PA.
- Doolittle, P. E., & Scheer, S. (2002, October). *The mind: An owner's manual for teachers and students*. Paper presented at the Teaching and Learning Conference, Ashland, KY.
- Doolittle, P. E., Terry, K., & Scheer, S. (2002, October). *Online teaching: Field-tested principles of pedagogy and practice*. Paper presented at the Teaching and Learning Conference, Ashland, KY.
- Lee, J., Doolittle, P., & Hicks, D. (2002, September) *Patterns of Teacher Use of Digital and Non-digital historical resources* Paper presented at the College and University Faculty Association Meeting at the Annual National Council for the Social Studies Conference, Phoenix, AZ.
- Hicks, D., Doolittle, P. E., & Lee, J. (2002, March). *Information technology, constructivism, and social studies teacher education*. Paper presented at the 13th International Conference of the Society for Information Technology and Teacher Education, Nashville, TN.
- Doolittle, P. E. (2001, November). *Multimedia design: Ten principles from a cognitive psychology perspective*. Presented at the National Lilly Conference on College Teaching, Miami, OH
- Hicks, D., Doolittle, P., & Lee, J. (2001, November). *From theory to practice: The synthesis of constructivism, technology, and the social studies*. Paper presented at the Annual Conference of the College and University Faculty Assembly, Washington, D.C.
- Doolittle, P. E. (2001, October). *Mind-centered pedagogy: From cognitive theory to classroom practice*. Paper presented at the 31st Annual Conference of the International Society for Exploring Teaching Alternatives, Indianapolis, IN.
- Doolittle, P. E. (2001, April). *Cognition, thought, and meaning: A practical foundation for the integration of teaching, learning, and technology*. Paper presented at the International Conference on College Teaching and Learning, Jacksonville, FL.
- Scheer, S. B., & Doolittle, P. E. (2001, April). *Transactional and psychological distance: Confronting distance learners' alienation and isolation*. Paper presented at the International Conference on College Teaching and Learning, Jacksonville, FL.
- Doolittle, P. E., & Scheer, S. B. (2001, March). *Online pedagogy: The Good, the bad, and the really ugly*. Paper presented at the National Lilly Conference on College Teaching – West, Lake Arrowhead, CA.

- Doolittle, P., Hess, E., Hicks, D., Brown, L., Wilkins, J., & Triplett, C. (2000, November). *Effective teaching strategies for higher education*. Presented at the Lilly Conference on College Teaching, Miami, OH
- Doolittle, P. E., Brown, L. H., Hess, E., Hicks, D., & Wilkins, J. (2000, October). *Pedagogy: 15 strategies and a web page*. Paper presented at the National Lilly Conference on College Teaching – New England, Boston, MA.
- Doolittle, P. E. (1999, October). *Teaching and Learning in a Complex System*. Paper presented at the National Lilly Conference on College & University Teaching – New England, Boston, MA.
- Doolittle, P. E. (1999, October). *Working Memory: The Gateway to Learning and Understanding*. Paper presented at the National Lilly Conference on College & University Teaching – New England, Boston, MA.
- Doolittle, P. E. (1999, March). *Constructivism: Principles, Pedagogy, and Problems*. Paper presented at the National Lilly Conference on College & University Teaching - South, Athens, GA.
- Doolittle, P. E. (1998, July). *Complex constructivism: A theoretical model of complexity and cognition*. Paper presented at the Eighth Annual International Conference of the Society for Chaos Theory in Psychology & Life Science, Boston, MA.
- Abraham, J. L., Doolittle, P. E., Camp, W. G., Campbell, M. S., & Fox, G. E. (1998, July). *Dynamic systems theory: Applications to education*. Paper presented at the Eighth Annual International Conference of the Society for Chaos Theory in Psychology & Life Sciences, Boston, MA.
- Doolittle, P. E. (1998, April). *Integrating constructivism, cognitivism, and technology*. Paper to be presented at The Ninth International Conference on College Teaching and Learning, Jacksonville, FL.
- Hicks, K. F., & Doolittle, P. E. (1996, February). *Providing powerful teaching images: Cooperating teachers communicating with student teachers*. Paper presented at the International Reading Association, Denver, CO.
- Doolittle, P. E. (1995, September). *Working memory: An owner's manual for students and teachers*. Paper presented at the National Lilly Conference on College Teaching - New England, Durham, VT.
- Hicks, K. F., Austin, S. E., & Doolittle, P. E. (1995, June). *Life choices: Empowerment for life*. Paper presented at the American School Counselor Association Conference, New Orleans, LA.
- Doolittle, P. E. (1995, June). *Cooperative Learning: Vygotskian theory in practice*. Paper presented at the National Lilly Conference on College Teaching - South, Columbia, SC.
- Doolittle, P. E. (1995, April). *Cooperative learning and Vygotsky's zone of proximal development*. Paper presented at the fourth annual National Conference on Creating the Quality School, Oklahoma City, OK.

Regional/State/Local Conferences

- Doolittle, P. E., Hicks, D., Roberts, A., & Burrell-Graves, C. (2003, October). *Improving Student Learning in the History and Social Science Classroom: Practical Strategies for Practical Teachers*. Paper presented at the Virginia Council for the Social Studies, Washington, D.C.
- Hicks, D., Ewing, T., & Doolittle, P. E. (2003, October). *Using Historical Sources to Encourage the Doing of Social Studies: Using the SCIM-C Model to Support Student Achievement*. Paper presented at the Virginia Council for the Social Studies, Washington, D.C.
- Doolittle, P. E. (1995, November). *A Vygotskian classroom: 10 principles of instruction*. Paper presented at the Southeastern Regional Association of Teacher Educators, New Orleans, LA.
- Doolittle, P. E. (1995, April). *Vygotsky's zone of proximal development as a theoretical foundation for cooperative learning*. Paper presented at the annual meeting of the Louisiana Education Research Association, New Orleans, LA.
- Doolittle, P. E. (1994, November). *An investigation of instance theory and the transfer of cognitive skill*. Paper presented at the annual meeting of the Mid-South Education Research Association, Nashville, TN.

Invited Addresses/Workshops Regarding Higher Education Pedagogy
(topics and institutions are not aligned)

Address/Workshop Topics (selected)

Active learning and innovation
 Active learning: From principles to pedagogy
 Active teaching, active learning
 Assessing the silver bullet: Research and rhetoric
 Assessment for Free: Integrating assessment
 Bogus & beneficial pedagogical concepts
 Classroom management diverse student populations
 Cognition, thought and meaning
 Course embedded assessment and general education
 Deep and flexible knowledge
 Designing integrative learning experiences
 Developing a teaching and learning center
 Flipping the classroom: Leveraging technology
 Fostering student learning: Research, not rhetoric
 Implementing interdisciplinary learning experiences
 Innovate: Making things better
 Integrating teaching, learning, and assessment
 Learning and teaching in a changing world
 Learning principles to teaching strategies
 Metacognition and mindfulness
 Outcomes assessment for courses and programs
 Practical strategies for teaching and learning
 Research-based teaching and learning
 Sound pedagogy and higher education instruction
 Tools for the professional pedagogue
 Teaching and learning in/for the future
 Teaching, learning, and assessment
 Teaching, learning, and innovation
 Teaching, learning, and technology
 Teaching so all can learn: Inclusive pedagogy
 Transformative learning with technology
 The essentials of learning for instruction
 The iPodification of education
 The pedagogy of active learning
 Using the learning sciences to enhance learning

Institutions (selected)

American International College
 California State University – Stanislaus
 Claremont McKenna College
 Clayton College and State University
 Dominican University of California
 Florida A&M University
 Hamline College
 Indiana University
 Iona College
 James Madison University
 Jefferson College of Health Sciences
 Juniata College
 Michigan State University
 North Carolina A & T State University
 Pacific University
 Pennsylvania State University – University Park
 Pennsylvania State University – Erie
 Quinnipiac University
 Roanoke College
 Rockbridge County Public Schools
 Sligo Institute of Technology, Sligo, Ireland
 Slippery Rock University
 Southern Associate of College and Schools
 Slippery Rock University
 Texas A&M International University
 Thomas Nelson Community College
 Tralee Institute of Technology, Tralee, Ireland
 University of Arkansas
 University of Georgia
 University of Illinois, Urbana-Champaign
 University of Madison-Wisconsin
 University of Utah
 Western Virginia Community College
 Wytheville Community College
 York College – City University of New York

Grants (≈ \$2 million)*Federal*

Adams, S., & Doolittle, P. (2012-2015). A self-assessment of evidence-based instructional practices and outcomes in STEM-related core courses for STEM majors and non-majors. National Science Foundation WIDER:EAGER (\$300,000). Co-PI.

Meehan, K., Doolittle, P., & Hendricks, R. (2008-2012). *Discrete steps to improve student comprehension of concepts from quantum mechanics and solid state physics and their application in electrical and computer engineering*. National Science Foundation - Course, Curriculum, and Laboratory Improvement (NSF – CCLI) (\$500,000). Co-PI.

Matusevich, M., Doolittle, P., Hicks, D., & Ewing, D. (2003-2006). *Teaching American history professional development*. U.S. Department of Education: Teaching American History Grant. (\$571,705). Co-PI on subcontract with David Hicks and Tom Ewing (\$412,453).

Molebash, P., Lee, J. K., Hicks, D., & Doolittle, P. E. (2002-2005) *Digital history inquiry knowledge project*. U.S. Department of Education: Fund for the Improvement of Post-Secondary Education (FIPSE) (\$500,000). Co-PI on subcontract with David Hicks (\$135,000)

University/College/Departmental Service*University Service (selected)*

- Creativity and Innovation District Board Member (2017-2020)
- Provost's Council (2008-2015)
- Integrated General Education Executive Committee (2013-2015)
- Aspirations for Student Learning Symposium (2014-2016)
- Academic Roundtable (2009-2016)
- Task Force on the Evaluation of Teaching, Co-Chair (2009-2011)
- Task Force on Instructional Technology, Co-Chair (2010-2012)
- Executive Development Institute Mentor (2010-2011)
- Faculty Senate Committee on Faculty Ethics (2007-2009)
- Office of Assessment and Evaluation Advisory Committee (2008-2014)
- Common Book Project Committee (2009-2012)
- First-Year Experience Advisory Committee (2010-2012)
- University Exemplary Department Award Committee, Chair (2008-2016)
- SCHEV Outstanding Faculty Award Committee, Chair (2008-2016)
- CASE Professor of the Year Committee, Chair (2010-2016)
- Xcaliber Award Committee (2009-2016)
- University Graduate Curriculum Committee (2009-2013)
- iTunes U Steering Committee (2006-2008)
- University Core Curriculum Committee (2006-2007)
- Instructional Learning Environments Committee (1997-1999)
- TEDx (2012-2016)
 - TEDxVirginiaTech
 - TEDxVirginiaTechLive
 - TEDxWomen (live streamed)
 - TEDxCity (live streamed)

- Faculty Development Workshops (selected topics)

Fair and Effective Grading	Online Teaching Strategies	Creativity
Assessment and Evaluation	Self-Regulation Strategies	Direct Instruction
Instructional Design	Teaching Strategies	Group Instruction
Enhancing Deep Processing	Motivation Strategies	Inquiry Instruction
Writing Effective M-C Quests	Socialization Strategies	Classroom Management
Flipped Classrooms	25-Word Summaries	Reciprocal Teaching
Just-in-Time Teaching	Teaching Large Classes	Evaluating Teaching

College Service (selected)

- Administrative Review of Associate Deans Committee (2018)
- College Tenure and Promotion Committee (2013-2014, 2014-2015 Chair)
- Faculty Council (2011-2013)
- Study Abroad Scholarship Program, Reviewer (2006-2011)
- Awards Committee (2004-2009, 2016-current)
- Alumni Advisory Board (2002-2004)
- Committee on Peer Review, Co-Chair (2000-2002)
- New Faculty Development Committee (2002-2003)

School/Department Service (selected)

- School of Education Director (2017-2020)
- School of Education Tenure and Promotion Committee (2013-2016, 2020-2022)
- School of Education Leadership Team (2007-2008)
- School of Education Faculty Association President (2007-2008)
- School of Education Doctoral Programs Task Force, Co-Chair (2006-2007)
- Educational Psychology Program Leader (2001-2007)
- School of Education Search Committees
 - Director of the School of Education, Chair
 - Educational Psychology, Chair (twice)
 - Counselor Education, Co-Chair
 - Math Education (twice)
 - Science Education
- School of Education Leadership Team (2005-2006)
- School of Education Faculty Association President (2005-2006)
- Departmental Coordinating Committee (2001-2006)
- Diversity Resources Committee (2001-2005)
- Departmental Curriculum Committee (2000-2002)
- Phi Delta Kappa, Virginia Tech Chapter, Board Member (1999-2002)
- Kappa Delta Pi, Virginia Tech Chapter, Faculty Representative (2004-2008)
- Graduate Student Workshops, School of Education Student Association (SOESA)
 - *Selected Topics:*
 - Publishing: Understanding the Process
 - Job Searching: Constructing an Application
 - Doctoral Degrees: Navigating the Examination Process
- Graduate Student Professional Development, School of Education (SOE)

Graduate Student Advising

Doctoral Committee Chair:	21 students graduated	10 students in progress
Doctoral Committee Member:	64 students graduated	8 students in progress
Master's Committee Chair:	2 students graduated	0 students in progress
Master's Committee Member:	63 students graduated	0 students in progress

Doctoral Committee Chair

2020	Joanie Banks-Hunt	Design Thinking and Instructional Practice
2017	Veronica van Montfrans	Defining, Exploring, and Measuring Metacognitive Social Justice
2016	Stephen Biscotte	Exploring Aesthetic Experiences in the Undergraduate General Education Science Classroom
2015	Jonathan McCloud	More than a Sum of its Parts: Five Fundamentals for Formative Peer Observation of Classroom Teaching in Higher Education
2015	Jacob Grohs	Developing a Measure of Systems Thinking Competency
2012	Jeannine Eddleton	Portraiture and the Large Lecture: Storing one Chemistry Professor's Practical Knowledge
2011	Joan Watson	Narcissus Goes to College: A Consideration of Dispositional Narcissism as a Variable for Student Learning in Higher Education
2009	C. Noel Byrd	Teachers' Perceptions of Educational Research: A Self-Efficacy Perspective (Co-Chair with Brett Jones)
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