

Matthew J. Stuve, Ph.D.

Curriculum Vitae

OFFICE ADDRESS

Department of Educational Psychology
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EDUCATION

Ph.D. Educational Psychology, University of Illinois at Urbana-Champaign (UIUC), 1997

M.S. Educational Computing, Purdue University, 1991

B.A. Industrial Design, Purdue University, 1988

PROFESSIONAL EXPERIENCE

- 2014-present Co-Director, Research Design Studio. Teachers College, Ball State University
- 2011-present Associate Professor of Educational Psychology, Dept. of Educational Psychology, Ball State University.
- 2004-present President and Co-Founder, Educational Informatics, LLC. A for-profit company founded to commercialize Ball State IP (tech transfer) I developed at Ball State.
- 2008-2017 Director, Center for Technology in Education, Teachers College, Ball State University
- 2013-14 Faculty Fellow. Integrated Learning Institute. Ball State University
- 1999 - 2011 Assistant (1999-2005) and Associate (2005-2011) Professor of Educational Technology, Department of Educational Studies, Ball State University.
- 2008 Visiting Scholar, Center for Teaching Leadership, School of Education, Virginia Commonwealth University.
- 1999 - 2008 Director, Educational Technology Academic Programs (undergraduate and graduate), Dept. of Educational Studies, Ball State University
- 1998 - 99 Assistant Professor, Dept. of Curriculum and Instruction, Univ. of Northern Iowa, Cedar Falls, IA.
- 1997 - 98 Visiting Postdoctoral Research Associate, Office of Educational Technology, UIUC (50% appointment during 1997, 100% in 1998)
- 1997 Visiting Postdoctoral Research Associate, Department of Computer Science, 1997, UIUC (50% appointment, Summer-Fall)

Pre-Doctoral Experience:

- 1996 Summer Teaching Assistant, Dept. of Educational Organization and Leadership, UIUC
- 1993 - 97 Research Assistant, Dept. of Educational Psychology (1993-96), Dept. of Education Administration (1996-97), UIUC
- 1994 - 96 Consultant, *EnergyNet* project, Tech 2000 Coalition of Illinois
- 1991 - 93 Academic Computing Coordinator and Instructor, Franklin College, Franklin, IN

- 1990 - 91 Teaching Assistant, Dept. of Curriculum and Instruction, Purdue University
- 1988 - 90 Computer-Aided Design Specialist, Dept. of Earth and Atmospheric Sciences, Purdue University, West Lafayette, IN
- 1988 Intern, Environmental Protection Agency, West Lafayette, IN.

PRINCIPAL INVESTIGATOR

- 2017-2018 Co-Principal Investigator, Lesson Study Cooperative. Funded by the Indiana Commission for Higher Education.\$261,000
- 2013-2014 Co-Principal Investigator, EPIC Project (\$330,000). Funded by the Indiana Commission for Higher Education.
- 2012-2013 Principal Investigator, eLearning Conference (\$14,900). Funded by the Indiana Department of Education.
- 2011-2012 Principal Investigator, EPIC Project (\$377,000). Funded by the Indiana Commission for Higher Education.
- 2009-2012 Co-Principal Investigator, Inbound Alert Network. Funded by Channel One.
- 2006-2009 Principal Investigator, EPIC Project (\$705,000 for 2006-07; \$648,000 for 2008-09). Funded by the Indiana Commission for Higher Education.
- 1999 – 2003 Co-Principal Investigator, PT3 Project (\$173K, 1999-2000 plus \$3M, 2000-2003). Funded by the U.S. Department of Education.
- 1996 - 1998 Co-Principal Investigator, *ARRTI* technology/curriculum development project, Mahomet-Seymour School District, Mahomet, IL

PUBLICATIONS: Books Edited

Janz, K, Coleman, C., Mullen, L., Stuve M., & Lehman J. D. (2004). *Sharing the experience: Success stories of integrating technology into teacher education* (Eds.). Curriculum, Research and Development Center: Terre Haute, IN.

PUBLICATIONS: Chapters in Books

Stuve, M., Cassady, J., Mullen, L. & Britten, J. (2009). Captured matter: Using web-based informatics for evaluation of educational projects evaluating technology in teacher education. In W. Heinecke (ed.) *Lessons From the Preparing Tomorrow's Teachers for Technology (PT3) Program*, pp. 165–188. Information Age Publishing. Charlotte, NC.

Keller, J. B. & Stuve, M. J. (2006). Teacher as brand: Pursuing professional identities in a digital domain. In S. Tettgah and R. Hunter (Eds.). *Technology and education: Issues in administration, policy, and applications in K12 schools. Advances in educational administration* (Vol. 8, pp. 57-70). Amsterdam: Elsevier.

Cassady, J. C. & Stuve, M. J. (2004). Assessing NETS-T Integration in the Teacher Education Program: Outcomes, Challenges, and Proposed Solutions. In Janz, K, Coleman, C., Mullen, L., Stuve M., & Lehman J. D. (Eds.), *Sharing the experience: Success stories of integrating technology into teacher education*. Curriculum, Research and Development Center: Terre Haute, IN.

Mullen, L. & Stuve, M. (2004). Bringing Teacher Education Reform to Digital Life: Building Contextual, Representational, and Environmental Infrastructure. In Janz, K, Coleman, C., Mullen, L.,

Stuve M., & Lehman J. D. (Eds.), *Sharing the experience: Success stories of integrating technology into teacher education*. Curriculum, Research and Development Center: Terre Haute, IN.

Stuve, M. & Mullen, L. (2004). Informatics for large-scale, distributed publishing and assessment of digital portfolio and performance artifacts. In Janz, K, Coleman, C., Mullen, L., Stuve M., & Lehman J. D. (Eds.), *Sharing the experience: Success stories of integrating technology into teacher education*. Curriculum, Research and Development Center: Terre Haute, IN.

PUBLICATIONS: Articles in Refereed Journals

Beilke, J., Stuve, M., & Williams-Hawkins, M. (2008). Clubcasting: Educational uses of podcasting in multicultural settings. *Multicultural Education & Technology*, 2(2).

Stuve, M. J. & Cassady, J.C. (2005). A factor analysis of the NETS performance profiles: Searching for constructs of self-concept and technology professionalism. *Journal of Technology and Teacher Education*. 13(2), 403-424.

Beilke, J. & Stuve, M. (2004). A teacher's use of digital video with urban middle school students: Expanding definitions of representational literacy. *The Teacher Educator*. 39(3), 157-169.

Britten, J., Mullen, L., & Stuve, M. (2003). Program reflections on the role of longitudinal digital portfolios in the development of technology competence. *The Teacher Educator*. 39(2), 79-94.

Levin, J., Stuve, M. & Jacobson, M. (1999). Teachers' conceptions of the Internet and the World Wide Web: A Representational Toolkit as a model of expertise. *Journal of Educational Computing Research*. 21(1), 1-23.

Stuve, M. J. (1991). Exploring virtual classrooms: Network communication in a cross-cultural context. *Intelligent Tutoring Media*, 2(2), 51-62.

PUBLICATIONS: Refereed Conference Proceedings

Craig, P., Bell, N., Stuve, M., and Ma, W. (2008). Using iWeb for construction of teacher education portfolios: Findings from two courses. *Proceedings of the Society for Information Technology in Teacher Education*. Association for the Advancement of Computing in Education. Chesapeake, VA.

Jun, Y., Stuve, M., Levin, J., and Jacobson, M. (1997). Client-server tools for educational network interactions: The Message Assistant and the Learning Resource Server. *Proceedings of WebNet '97*. Association for the Advancement of Computing in Education. Chesapeake, VA.

PUBLICATIONS: Other (Peer-Reviewed)

Chang, Y., Mullen, L. & Stuve, M. (2005). Age-appropriateness of the manipulation and operation techniques required for use of handheld computers in a kindergarten classroom. *T.H.E. Journal*. 32(8).

Stuve, M. J. (2005). Digital assessment systems and teacher education reform. Appendix chapter in L. Mullen, J. Britten, and J. McFadden (authors): *Digital Portfolios in Teacher Education*. Indianapolis: JIST.

Stuve, M. & Beilke, J. (2004). Review of *Teaching Youth Literacy: A Critical Guide to Literacy, Video Production, and Social Change*. By Steven Goodman. Educational Horizons. p. 88-89.

Stuve, M. (1993). How children use networks to make 'giant leaps' in space. In *51 Reasons to Build the National Information Infrastructure*. The Federation of American Research Networks (FARNET, ed). Also available online at: <http://www.cni.org/docs/farnet>

MANUSCRIPTS SUBMITTED

Jefferson, R.; Grant, C.; Bassett, L.; Rye, L.; Stuve, M. & Heneisen, R. (submitted). Effects of a service-learning summer equestrian camp on university students' dispositions: More Than Just Horsing Around. Submitted to *Education, Citizenship and Social Justice*.

MANUSCRIPTS IN PREPARATION

Stuve, M., Liner, A., Kovac, R. et al. (in preparation). *The effect of formative assessment on summative assessment in an online testing environment*.

CONFERENCE PRESENTATIONS (Peer-Reviewed)

Stuve, M. (2017). *Hunger Games. Turn a final exam into a cooperative and/or competitive device to increase student learning*. Presented at the Serious Games Symposium. Muncie, IN. Nov. 3

Stuve, M., Liner, A., Kovac, R., McLung, D. & Stevenson, T. (2017). *The effect of formative assessment on summative assessment in an online testing environment for a blended course*. Presented at Online Learning Consortium Innovate Conference. New Orleans. April 6.

Bassett, L. & Stuve, M. (2016). *Reflections, Rewards, and Research! College Students' Views on a Community-Engaged Course*. Presented at Ohio Center for Autism and Low Incidence (OCALI). Columbus, OH. November 16.

Stuve, M. & Schelling, N. (2016). *AIR Studio: A Teachers' Community for Assessment Innovation Resource Development and Dissemination*. Presented at the annual conference of the Society for Information Technology in Teacher Education. Savannah, GA. March 23.

Sanders-Brunner, M. & Stuve, M. (2016). *Supporting Virtual Field Experience Implementation through Stakeholder-Focused Program Theory Evaluation*. Presented at the annual conference of the Society for Information Technology in Teacher Education. Savannah, GA. March 22.

Stuve, M. Noel, M. & Otolski, K. (2016). *Building cloud-based, relational, digital portfolios for concurrent developmental and showcase purposes using flexible academic or professional frameworks*. Presented at the annual conference of the Society for Information Technology in Teacher Education. Savannah, GA. March 22.

Stuve, M. (2015). *1:1 and Learning Management Systems: Planning for integration and measuring impact on student learning*. Presented at the Penn-Harris-Madison School Corporation Technology Innovation Conference. Mishawaka, IN. July 29.

Stuve, M., Rice, P. & Bottomley, D. (2015). *The Evolution of the EPIC Professional Development Project*. Presented at the National Association of Professional Development Schools conference. Atlanta. March 7.

Lewis, P., Rice, P. & Stuve, M. (2015). *Advancing Equity in Literacy Education Co-Teaching during the 90-minute Reading Block*. Presented at the National Association of Professional Development Schools conference. Atlanta. March 7.

Finney-Pickett, E., Gilman, C., Lewis, P., Mullen, L. & Stuve, M. (2015). *Celebrating Best Practices in Education*. Presented at the National Association of Professional Development Schools conference. Atlanta. March 6.

Stuve, M. (2014) *Course development, instruction, and assessment in Moodle: Designing modules for home, school, or MOOCs*. Presented at the annual E-Learn Conference (AACE). New Orleans. October 29.

Stuve, M. (2014) *Learning Response Systems: From Clicker to Cloud*. Presented at the Warsaw e3 Conference. Warsaw, IN. July 28.

Stuve, M. (2014) *Digital Portfolios for Student Learning and/or Teacher Professionalism*. Presented at the Warsaw e3 Conference. Warsaw, IN. July 29.

Bottomley, D., Rice, P., & Stuve, M., (2014). *Owning School Performance through Evidence-Based Professional and Instructional Change*. Roundtable presented at the annual meeting of The American Association of Colleges of Teacher Education, Indianapolis. March 2.

Stuve, M. & Noel, M. (2013) *Using An Interactive System for Rubric Design, Learning Portfolios, and Data Dashboards in Teacher Education*. Presented at the annual conference of the Society for Information Technology in Teacher Education. New Orleans. March 26.

Stuve, M. (2012). *Analyses of DOE District Technology Survey Data: Trends and Signals for What's Working in Schools*. Presented at the Hoosier Educational Computing Conference (HECC). Indianapolis. November 16.

Noel, M., Stuve, M., Suero, L., & Travis, M. (2012). *Utilizing iPads and WordPress to Construct and Analyze Multimedia Portfolios of Teaching and Learning*. Presented at the Hoosier Educational Computing Conference (HECC). Indianapolis. November 16.

Stuve, M., Travis, M., Suero, L., & Bettcher, E. (2012). *iClassroom: Teaching and Supporting Interactive Technology in the Classroom*. Presented at the Indiana Computer Educators Conference. Indianapolis. October 11.

Stuve, M., Suero, L., Bettcher, E. Cox, L. & Williams, E. (2011). *Implementing the critical technologies for engagement, assessment, and reflection: The immersion studio as a student-curriculum partnership*. Presented at the annual conference of the Society for Information Technology in Teacher Education. Nashville. March 8.

Stuve, M., & Suero, L. & Williams, M. (2011). *Video meta reflection in teacher education: Instructional methods and programmatic solutions in field placements*. Presented at the annual conference of the Society for Information Technology in Teacher Education. Nashville. March 10.

Fraser-Burgess, S., Stuve, M., & Jones, D. (2010). *A Case Study in Collaboration for Student Learning and Parent Empowerment: Strategic Goals, Service Learning and Technological Innovation*. 10th International Research Conference on Service Learning and Community Engagement. Indianapolis. October 28-30.

Stuve, M., Noel, M. & Biddle, J. (2010) *Using a rubric-based digital gradebook for performance assessment*. Poster session at the annual conference of the Society for Information Technology in Teacher Education. San Diego. March 31.

Stuve, M., Biddle, J. & Noel, M. (2010). *Using Digital Video for Meta Reflection in Student Teaching*. Presented at the annual conference of the Society for Information Technology in Teacher Education. San Diego. March 31.

Bottomley, D., Rice, P., Stuve, M., & Lewis, P. (2010). *A Path to Effective Professional Development in Teaching and Assessing*. Roundtable presented at the annual meeting of The American Association of Colleges of Teacher Education, Atlanta. February 22.

Stuve, M., McKelvey, S., Huffman, L., & Tunc, Y. (2009). *Assessment for learning as the foundation of accreditation: Systems and solutions for engaging faculty and students in portfolio assessment*,

performance assessment, and program improvement. Paper presented at the RosEvaluation Conference on Assessment for Program and Institutional Accreditation. Terre Haute, IN. April 18.

Stuve, M., McKelvey, S., & Maginnis, J. (2009). *A Model for Deploying and Integrating Program Assessment Systems in Teacher Education.* Paper presented at annual conference of the Society for Information Technology in Teacher Education. Charleston, SC. March 6.

Stuve, M. Siebert, C., Bottomley, D., & Rice, P. (2009). *Integrating Assessment and Reflection Technologies into Student Teaching to Strengthen Professional Skills of Pre-Service Teachers.* Paper presented at annual conference of the Society for Information Technology in Teacher Education. Charleston, SC. March 6.

Bottomley, D., Rice, P., Stuve, M., & Siebert, C. (2008). *Evidence-based professional and instructional change: Professional development to integrate curriculum, assessment, and technology.* Presented at the Professional Development Schools Conference, Orlando, FL. April 12.

Stuve, M., Biddle, J., & Noel, M. (2008). *A videographic, web-based exhibit model for representing professional performance and supporting reflective practice.* Showcase at the E-Learn Conference, Las Vegas, NV. November 19.

McKelvey, S. & Stuve, M. (2008). *Development and integration of assessment systems.* Vision 2020 Conference, Cincinnati, OH. August 8.

Weaver, R., Mullen, L., Modesitt, M. & Stuve, M. (2008). *Transforming the Learning Environment Through 1:1.* Vision 2020 Conference, Cincinnati, OH. August 7.

Case, J. & Stuve, M. (2008). *iStudio: The discovery hub for digital media.* Vision 2020 Conference, Cincinnati, OH. August 6.

Stuve, M., Biddle, J., & Noel, M. (2008). *Developing a videographic grammar for reflection and representation of learning in web formats.* Paper presented at the Enhancing Online Learning conference. Muncie, IN. March 7.

Stuve, M., Biddle, J., Brubaker, A. & Ault, J. (2008). Using blogs and RapidWeaver for constructing digital portfolios with relational artifact structures. Paper presented at Enhancing Online Learning Conference. Muncie, IN. March 7.

Stuve, M., Brubaker, A., Biddle, J. & Ault, J. (2008). *Using blogs and RapidWeaver for constructing digital portfolios with relational artifact structures.* Poster session presented at annual conference of the Society for Information Technology in Teacher Education. Las Vegas. March 5.

Stuve, M., Rice, P., Bottomley, D. (2008). Evidence-based Professional and Instructional Change (EPIC): Quality Matters in Professional Development. Paper presented at the annual meeting of The American Association of Colleges of Teacher Education, New Orleans, LA. February.

Metzger, K., Stuve, M., Rice, P., & Bottomley, D. (2006). *Professional Development to Integrate Curriculum, Assessment, and Technology.* Presented at North Central Association Fall Conference, Indianapolis, IN. Oct. 2.

Stuve, M. (accepted, but not presented). *Web-based distributed systems for evaluation and assessment.* Paper accepted to the annual conference of the American Educational Research Association, Montreal. April, 2005.

Stuve, M. & Lora, M. (2005, March). *rGrade: A performance assessment and courseware system for standards-based curriculum and digital portfolios.* Presented at the Society for Information Technology in Teacher Education (SITE), Phoenix, AZ.

Stuve, M. (2003). *Co-explorations of NETS integration in school-university contexts: Educational technology reciprocal apprenticeships*. Presented at the Society for Information Technology in Teacher Education (SITE), Albuquerque, NM.

Ransom, S. & Stuve, M. (2002). *Extending teachers' knowledge of technology and teaching practice: Using video minicases as a language for conducting situated software evaluations*. Presented at the Society for Information Technology in Teacher Education (SITE), Nashville, TN.

Stuve, M., Mullen, L., & Tucker, S. (2002, July). *Building a digital environment for standards-based performance assessment for teacher education*. Panel presentation to the Preparing Tomorrow's Teachers to Use Technology (PT3) National Conference, Washington, D.C.

Graham, B, Mullen, L., Powell, J. & Stuve, M. (2002, April). *Technology as a Catalyst for Change*. Paper presented at the annual conference of the American Educational Research Association, New Orleans.

Stuve, M. J. (1999, April). *The contextual development of teachers' skills with digital media: Findings from a community-centered project*. Paper presented at the annual conference of the American Educational Research Association, Montreal.

Stuve, M. J. (1999, April). *Children's craftwork with digital media: Exploring student activity in technology-rich classrooms*. Paper presented at the annual conference of the American Educational Research Association, Montreal.

Koenke, K., Thurston, C., & Stuve, M. (1998, March). *We're dancing as fast as we can: Technology for a year-long student teaching experience*. Presented at the Society for Information Technology in Teacher Education (SITE).

Stuve, M. J. (1997, March). Using networks as a medium for expression in an elementary classroom. In R. Clift (Chair), *The realities of connecting classrooms to the Internet: Examining teacher expectations and experiences using situated methodologies*. Symposium conducted at the annual conference of the American Educational Research Association, Chicago.

Clift, R., Stuve, M., & Thomas, L. (1997, February). *Electronic communities: Changing contexts for teacher education*. Paper presented at the Association of Teacher Educators (ATE) Annual Meeting, Washington, DC.

Stuve, M. J., Levin, J. A., Jacobson, M. J., Honey, M., & MacMillan, K. (1996, December). *Conceptual models of networks: Implications for education on the Internet*. Symposium conducted at the International Conference of Telecommunications in Education (Tel-Ed), Tampa, FL.

Thurston, C. O. & Stuve, M. J. (1996, June). *The thread that runs through it: Stranding as a model for integrating technology in a pre-service program*. Presented at the National Educational Computing Conference (NECC), Minneapolis, MN.

Levin, J. A., Stuve, M. J., & Jacobson, M. J. (1996, April). *A comparison of mental models of networks among pre- and in-service teachers*. Presented at the annual conference of the American Educational Research Association, New York. April 10.

Stuve, M. J., & Bombardier, P. (1995, December). *Conceptual frameworks for the implementation and use of information servers*. Symposium conducted at the International Conference of Telecommunications in Education (Tel-Ed), Ft. Lauderdale, FL.

Stuve, M. J. & Bombardier, P. (1995, October). *Using a distributed authoring model with a desktop Internet server*. Presented at Computer Support for Collaborative Learning (CSCL), Bloomington, IN.

Jacobson, M, Levin, J., Jun, Y., Uno, D. & Stuve, M. (1995, June). *Conceptual Frameworks and Software Tools for Teaching Teleapprenticeships*. Presented at the National Educational Computing Conference, Baltimore, MD.

Stuve, M. J., Bombardier, P., Secaras, E. & Levin, J. A. (1995, June). *Teaching TeleApprenticeships and the Learning Resource Server: Teacher education using Gopher and the World Wide Web*. Presented at the National Educational Computing Conference, Baltimore, MD.

Jun, Y., Stuve, M., Levin, J., & Jacobson, M. (1995, July). *Client-server tools for educational network interactions*. Presented at KRNet '95. Seoul, Korea.

Stuve, M. J. & Levin, J. A. (1994, November). *The realization and analysis of electronic interactions among communities of teachers*. Presented at the International Conference of Telecommunications in Education (Tel-Ed), Albuquerque, NM.

Stuve, M. J. & Bombardier, P. (1994, November). *Implementation of Macintosh-based information servers in K-12 settings*. Workshop conducted at the International Conference of Telecommunications in Education (Tel-Ed), Albuquerque, NM.

Stuve, M. J., Newman, D., & Levin, J. (1994, April). *The evolution and electronic interactions of a Community of Explorers: A preliminary analysis*. Presented at the annual conference of the American Educational Research Association, New Orleans, LA.

Stuve, M. J. (1994, February). *The UIUC Learning Resource Server*. Presented at the annual conference of the American Association of Colleges of Teacher Education (AACTE), Chicago.

Marquez, M. & Stuve, M.J. (1993, August). *GUI's as conditioning agents: The Genres of interface design*. Interactive poster session accepted for but not presented at HCI International '93, 5th International Conference on Human-Computer Interaction jointly with 9th Symposium on Human Interface (Japan). August 8-13, Orlando, FL, USA.

Callon, D. G. & Stuve, M. J. (1992, November). *Computers in calculus and throughout the mathematics curriculum*. Presented at the Sixth Annual Southeastern Small College Computing Conference. Jefferson City, TN.

Stuve, M. J. (1992, October). *A socio-historical evaluation of global communication networks for children*. Paper presented at INTERFACE '92: 11th Humanities and Technology Conference. Marietta, GA.

Stuve, M. J., Rose, J. & Satterfield, D. (1992, June). *Computer mediated communication in two curricula: Exploring functional and discovery learning environments*. Paper presented at the 25th Annual Conference of the Association of Small Computer Users in Education. Myrtle Beach, SC.

CONFERENCE WORKSHOPS: Refereed

Stuve, M., Stevenson, T., Banter, J., Kovac, R. & Liner, A. (2017). *Applying best practices in the design of formative assessment in blending learning environments*. Presented at Online Learning Consortium Innovate Conference. New Orleans. April 5.

Stuve, M. & Noel, N. (2016). *Relational Portfolio Model (RPM): Building relational, digital portfolios using academic or professional frameworks and cloud-based methodologies*. Workshop conducted at Association for Assessment of Learning in Higher Education (AALHE). Milwaukee, WI. June 7.

Stuve, M. & Noel, N. (2016). *Recording and using digital video for reflection, performance assessment and professional development*. Workshop conducted at the annual conference of the Society for Information Technology in Teacher Education. Savannah, GA. March 21.

Stuve, M. & Noel, M. (2012). *rGrade: A Teacher's Interactive System for Rubrics and Learning Portfolios*. Workshop presented at the ISTE 2012 Conference. San Diego. June 24.

Unger, Y., Stuve, M. & Suero, L. (2011). *Where is your curriculum coming from and where is it going?: Designing new learning activities with online collaboration and content creation tools*. Workshop at the Hoosier Educational Computing Conference (HECC). Indianapolis. Nov. 10.

Stuve, M., Biddle, J. & Noel, M. (2010). *Building Digital Portfolios Using Blog Techniques in WordPress or RapidWeaver*. Workshop conducted at the annual conference of the Society for Information Technology in Teacher Education. San Diego. April 2.

CONFERENCE WORKSHOPS: Invited, Partnered, or Outreach (not peer-reviewed)

Ramos-Niaves, E.; Stuve, M. and Noel, M. (2017). *Representing learning with Digital Portfolios: Creation and implementation for all*. Presented at the PATINS State Conference. Indianapolis, IN. Nov. 2.

Stuve, M.; Ramos-Niaves, E. and Noel, M. (2017). *Designing High Quality Rubrics with UDL*. Presented at the PATINS State Conference. Indianapolis, IN. Nov. 1.

Reece, T. & Stuve, M. (2016). *Leadership by Design: The systematic design and assessment of member education programs*. Presented at the Ball State University Annual Student Leadership Conference. Muncie, IN. February 5.

Stuve, M. (2015). *Using digital video for performance assessment and professional development*. Workshop conducted at the Penn-Harris-Madison School Corporation Technology Innovation Conference. Mishawaka, IN. July 29.

Stuve, M. (2015). *The design psychologies of 1:1 devices: A comparison of tablets, laptops, and handhelds and their effects on teaching and learning*. Workshop conducted at the e3 Technology Conference. Warsaw, IN. July 28.

Stuve, M. (2015). *AIR Studio: A Teachers' Community for Assessment Innovation Resource Development and Dissemination*. Presented at the e3 Technology Conference. Warsaw, IN. July 27.

Stuve, M. (2013). *Creating digital curriculum and content: What teachers should know about copyright and Creative Commons*. Workshop presented at the Summer eLearning Conference, Muncie, IN. July 15.

Stuve, M. & Keller, J. (2013). *Teacher as Brand: Building your online professional and pedagogical identity*. Workshop presented at the Summer eLearning Conference, Muncie, IN. July 15.

PROFESSIONAL DEVELOPMENT WORKSHOPS: Invited (non-conference)

Stuve, M. (2016). *Producing learner-sensitive digital video for research and tele-coaching*. Workshop for the Center for Autism Spectrum Disorder, Ball State University. Muncie, IN. March 28. Invited by J. Cullen.

Stuve, M. (2014). *Using Learning Management Systems*. Invited by Hagerstown Schools and funded by the Indiana Academy for Science, Mathematics, and Humanities for its Teaching American History Project, funded by the U.S. Department of Education. Hagerstown, IN. March 21, 26. Two, half-day sessions.

Stuve, M. (2014). *Rubrics "601": Design, Care, Feeding, and Triage*. Invited by the Indiana Academy for Science, Mathematics, and Humanities for its Teaching American History Project,

funded by the U.S. Department of Education. Muncie, IN. Feb. 26. One hour; presented with additional activities provided by D. Bottomley.

- Original workshop developed by M. Stuve and presented at the invitation of Burriss Laboratory School. Muncie, IN. Nov. 20, 2013. Two hours.

Stuve, M. and Williams, M. (2014). *Developing performance tasks to engage students*. Invited by the Indiana Academy for Science, Mathematics, and Humanities for its Teaching American History Project, funded by the U.S. Department of Education. Muncie, IN. Jan. 15. One hour.

Stuve, M. (2013). *Assessment Tools, Techniques, and Technologies for Making Sense of Learning*. Invited by Burriss Laboratory School. Muncie, IN. Sep. 18. Two hours.

Stuve, M. (2013). *Media Hooks and Visuals*. Invited by the Indiana Academy for Science, Mathematics, and Humanities for its Teaching American History Project, funded by the U.S. Department of Education. Muncie, IN. Oct. 17. Half Day.

Stuve, M. (2013). *Digital Curation for Teaching Like a Historian: Hooks, Artifacts, and Technology Integration*. Invited by the Indiana Academy for Science, Mathematics, and Humanities for its Teaching American History Project, funded by the U.S. Department of Education. Muncie, IN. Sep. 19. Half Day.

Stuve, M. (2013). *Producing purposeful video and digital photography for instruction and curation*. Invited by the Indiana Academy for Science, Mathematics, and Humanities for its Teaching American History Project, funded by the U.S. Department of Education. Charlottesville and Williamsburg, VA. June 10-12. Three, one-hour sessions combined with continuous support during teachers' field trip.

PRESENTATIONS: Invited, Partnered or Outreach (not peer-reviewed)

Stuve, M. (2017). *The Teachers' Research PLN: Bringing Museums and Research to Your Practice and Your Classrooms*. Presented at the Warsaw e3 Conference. Warsaw, IN. July 25.

Stuve, M. (2017). *Digital portfolios for student learning or teacher professional development*. Presented at the Warsaw e3 Conference. Warsaw, IN. July 25.

Stuve, M. (2017). *Designing High Quality Rubrics for Assessing Authentic Learning*. Presented at the Warsaw e3 Conference. Warsaw, IN. July 24.

Stuve, M. (2017). *The Teachers' Research PLN: Bringing Museums and Research to Your Practice and Your Classrooms*. Presented at the We R Richmond eLearning Expo 6. Richmond, IN. July 19.

Stuve, M. and Ramos-Niaves, E. (2017). *Digital portfolios for students and/or teachers: An easy, affordable, and adaptable method for any classroom or school*. Presented at the South Shore eLearning Conference. Hammond, IN. June 21.

Stuve, M. (2017). *Rubric Design and Application for Authentic Learning in 1:1 Classrooms*. Presented at the South Shore eLearning Conference. Hammond, IN. June 20.

Stuve, M. & Nelson, K. (2017). *Using digital portfolios for leadership development*. Presented at the Ball State University Annual Student Leadership Luncheon. Muncie, IN. March 16.

Stuve, M. (2016). *The Research Design Studio: A cooperative to advance research*. Presented to EDAD Principals Cohort. Invited by S. Salloum. November 17.

Stuve, M. Noel, M. & Otolski, K. (2016). *Digital portfolios for blended classrooms: Construction, assessment and applications for student or teacher portfolios*. Presented at the Blended Learning Forum, MSD Warren TWP Schools. Indianapolis, IN. July 9.

Stuve, M. Gear, C. & Emilson, S. (2016). *AIR Studio: A Teachers' Community for Assessment Innovation, Resource Development and Outreach*. Presented at the Blended Learning Forum, MSD Warren TWP Schools. Indianapolis, IN. July 9.

Stuve, M. & Schelling, N. (2015). *Assessment basics for technology coaches: Using LMS tools to know what students know*. Presented at the Hoosier Educational Computing Conference (HECC). Indianapolis. November 13.

Stuve, M. (2014). *Using an online rubric-based assessment system for performance assessment and digital artifacts*. Presented at the Virginia Society for Technology in Education. Virginia Beach. Dec. 9.

Stuve, M. (2014). *Classroom Video Techniques and Tools for Reflection, Assessment, and Evaluation*. Presented at the Hoosier Educational Computing Conference (HECC). Indianapolis. November 14.

Stuve, M. (2014). *Portfolio myths, methods, potentials and paradigms: A call for student action*. Invited by the Ball State Chapter of Kappa Delta Pi. Nov. 13

Stuve, M. (2013-14). *Universities, Research, and the Technologies for Communication, Construction, Inquiry, and Expression*. Invited by Ball State Chapter of College Mentors for Kids. Eight after school workshops for children in grades 2 through 5. From Feb. 5, March 12, Oct. 30, Nov. 6 and Nov. 26, 2013; Feb. 3, Feb. 10, March 3, and March 17, 2014; January 27, February 9 and March 10, 2015

Stuve, M. (2013). *SEA Showcase: Technologies for 1-to-1 Classrooms*. Invited by Ball State Chapter of the Student Education Association. Oct. 3.

Stuve, M., Noel, M. & Huffman, L. (2012). *Using "Data Dashboards" to Sustain Student and Faculty Engagement in Assessment*. Presented at the IUPUI Assessment Institute. Indianapolis. October 30.

Stuve, M. (2012). *Teaching and Supporting Interactive Technology in the Classroom*. Presentation at the annual Indiana Computer Educators (ICE) conference. Indianapolis. October 11.

Stuve, M. (2012). *Assessment Technologies and Outreach: New Challenges for Teachers and Schools*. Presentation at the annual Crothersville Tech Fair. Crothersville, IN. June 19.

Stuve, M. & Suero, L. (2011). *Professional Development with Webinars*. Presented at the Cisco Exhibit at ISTE 2011 (invited by CILC). Philadelphia. June 28-29.

Stuve, M. & Keller, J. (2011). *Assessment for Learning in the Classroom: Professional Development and Infrastructure Solutions*. Presented at the Second Annual Technology Fair, Crothersville, IN. June 21.

Stuve, M. & Hurtgen, J. (2011). *Emergency alerts in K-12 classrooms: An overview and invitation for research*. Presented at the Second Annual Technology Fair, Crothersville, IN. June 21.

Stuve, M. & Garland, C. (2011). *Program Assessment and Campus Learning Management Systems: Opportunities and Challenges for Integration and/or Co-Existence*. Presented at the RosEvaluation Conference on Assessment for Program and Institutional Accreditation. Terre Haute, IN. April 19.

Stuve, M. & Noel, M. (2010). *Using "data dashboards" to sustain student and faculty engagement in assessment*. Presented at the RosEvaluation Conference on Assessment for Program and Institutional Accreditation. Terre Haute, IN. April 10.

Snow, C., McConnell, T., Stuve, M. & Hancock, C. (2011). *My classroom website as a medium to motivate and engage students*. Student presentation at the Ball State Student Research Symposium. March 29.

Stuve, M. J. (2009). *Technology in the Classrooms: New assessment for new literacies*. Invited by Rose Hulmam PRISM project to present to Vigo County Schools. Terre Haute, IN. October 15.

Stuve, M. (2009). *Overview of the CTE: Pursuing after school programming and content development*. Invited by Channel One to present to the Consortium for After School Education. Houston. August 18.

Bottomley, D., Stuve, M., & Rice, P. (2009). *Assessment OF/FOR Learning: An EPIC Mini Workshop for Woodrow Wilson Fellows*. Invited by Ball State Woodrow Wilson Principal Investigators, Muncie, IN. July 15.

Stuve, M. (2009). *1:1 and the evolution of digital, autonomous literacies; or closing the new digital divide*. Invited by Westfield-Washington Schools to present to summer professional development initiative for teachers. Westfield, IN. June 9.

Stuve, M. J. (2009). *Technology in the Classrooms: Preparing school technology facilitators*. Presented at the Cisco Certified Annual Retreat conference. Muncie, IN. April 17.

Stuve, M. J. (2009). *Catalyzing technology innovation in schools*. Presented at the invitation of Dr. William Sharp for the ECI Study Council. Muncie, IN. May 1.

Stuve, M. & Biddle, J. (2009). *Video production of the Storytime Podcast*. Presented at the Sixth Annual Ball State Faculty Technology Showcase. Muncie, IN. April 22.

Stuve, M. & Grise, B. (2009). *Using WordPress or Movable Type as School Content Management Systems*. Presentation at the annual Indiana Computer Educators (ICE) conference. Indianapolis. January 28.

Stuve, M. J. (2008). *Methodologies and systems for construction and assessment of relational, reflective, professional portfolios*. Invited by Jay Brockman and presented at the University of Notre Dame. South Bend, IN December 11.

Stuve, M. J. (2008). *Technologies and frameworks for program assessment: Stories of faculty and institutional impact from a systems perspective*. Presented at the Mid-West Educational Research Association as the Division C invited presentation. Columbus, OH. October 17.

Stuve, M., Bualteng, V. & Warner, S. (2007). *Distributed Podcasting*. 4th Annual Faculty Technology Showcase. Ball State University. March 7.

Stuve, M. J. (2006). *East Central Indiana Technology Summit*. Invited by the Office of the Dean, Teachers College, Ball State University. Muncie, IN. Feb. 17.

Stuve, M. J. (2005). *EDTEC Programs: Content, voice, means of production, assessment, and portfolios*. Invited by Dean of Teachers College to present to faculty from the University of Auckland. Muncie, IN. Oct. 19.

Stuve, M. (2005). *rGrade performance assessment system*. Invited presentation to Franklin Pierce College, Rindge, NH. Jan. 20.

Stuve, M. (2004). Educational technology licenses and graduate programs. Presented at Superintendents Technology Seminar. Nov. 5. Invited by Apple Computer, Inc.

Stuve, M. & Lora, M. (2004). *rGrade: A rubric-based assessment system for K-12 and higher education*. Presented at the Assessment Forum of the National Educational Computing Conference (NECC). New Orleans, LA. June 19. Invited by Helen Barrett.

Stuve, M. (2004). Educational technology licenses and graduate programs. Presented at Technology Coordinators Workshop. April 30. Invited by Apple Computer, Inc.

Mullen, L. & Stuve, M. (2002, September). *Bringing teacher education reform to digital life*. Presentation to the Indiana Association of Teacher Education (IACTE) Terra Haute.

Stuve, M.; Modesitt, M.; & Hamstra, R. (2002, April). *Building a Digital Portfolio Infrastructure: From Theory to Megabytes*. Ohio Higher Education Computing Conference (keynote presentation). Indianapolis, IN. Invited by Apple Computer, Inc. and BSU University Computing Services.

Stuve, M. *Technology Integration from the Perspective of the Student*, East Central Indiana School Study Council, October 12, 2000. Invited by K. Miller.

GRANTS PENDING

None

GRANTS AWARDED: EXTERNAL

Stuve, M., Bottomley, D., Morris, R., Popplewell, S. & Martin, M. (2016). *The Implementation of Lesson Study to Strengthen English/Language Arts & Social Studies Instruction and Assessment*. Funded by the Indiana Commission of Higher Education. \$261,000.

Stuve, M., Bottomley, D., & Rice, P. (2013). *Evidence-based Professional and Instructional Change (EPIC): Strengthening teachers' instructional and assessment practices to improve student performance in relation to ELA Common Core State Standards*. Funded by the Indiana Commission of Higher Education. \$360,000.

Stuve, M. & Suero, L. (2012). eLearning Conference Development Grant. Funded by the Indiana Department of Education. \$14,900.

Stuve, M., Cassady, J., Huffman, L., et al. (2012). Migrant Education Project. Subaward with Professor Garfield Foundation. Funded by the Indiana Department of Education. \$815,000.

Stuve, M., Bottomley, D., & Rice, P. (2011). Strengthening Teachers' Assessment and Instructional Practices with the Learning Growth Model (LGM). Funded by the Indiana Commission of Higher Education. \$377,000.

Stuve, M., Rice, P. & Bottomley, D. (2008). Evidence-based Professional and Instructional Change (EPIC) II. Funded by the Indiana Commission of Higher Education. \$648,000.

Stuve, M., Rice, P., Metzger, K., Bottomley, D., & Keller, J. (2006). Evidence-based Professional and Instructional Change (EPIC): Professional Development to Integrate Curriculum, Assessment, and Technology. Funded by the Indiana Commission of Higher Education. \$705,000.

Stuve, M. and Mullen, L. (2001). "Bringing Teacher Education Reform to Digital Life." U.S. Department of Education Preparing Tomorrow's Teachers to use Technology Implementation Grant. Supplementary award: \$21,000.

Stuve, M. and Mullen, L. (2000). "Bringing Teacher Education Reform to Digital Life." U.S. Department of Education Preparing Tomorrow's Teachers to use Technology Implementation Grant. \$3,000,000.

Mullen, L. and Stuve, M. (1999). "Reciprocal Apprenticeships for Classroom Best Practices with Technology." U.S. Department of Education Preparing Tomorrow's Teachers to use Technology Capacity Grant. \$173,000.

Stuve, M. and Sinclair, M. (1996). *A River Runs Through It: Developing a school-community learning network*. A Building-Based Innovations Through Technology grant from the Illinois State Board of Education. Awarded to the Mahomet-Seymour Community Unit School District (M. Stuve, Principal Investigator). Grant award: \$67,000.

GRANTS: EXTERNAL (unfunded)

Stuve, M. & Kanakri, S. (March, 2017). *The Effects of Interior Design of University Classrooms on Student Wellness and Learning*. Proposal to the American Society of Interior Designers (ASID) Foundation. \$69,131. <https://www.asid.org/foundation/programs/transform>

Kanakri, S. & Stuve, M. (2015). *Effects of Highly Flexible, Interactive Learning Spaces and Studio Pedagogy on Student Engagement and Learning Outcomes*. Proposal for the American Society of Interior Designers (ASID) Foundation. \$69,000

Stuve, M. (2015, June). *Assessment Innovation Resource (AIR) Network*. Proposal for the Indiana Commission for Higher Education for the Improving Teacher Quality Partnership. \$286,654.

Stuve, M. (2013, October). *Assessment Innovation Resource (AIR) Network*. Proposal for the Indiana Commission for Higher Education for the Improving Teacher Quality Partnership. \$330,000.

Cassady, J. & Stuve, M. (2011). *Literacy Assessment, Intervention, and Reassessment Program* Proposed to the U.S. DOE Institute for Education Sciences: Improving Teaching and Teacher Education Program. \$1,500,000.

Stuve, M. (2009). *Development and integration of interoperable assessment systems to strengthen performance and objective assessment in STEM classrooms and in the preparation of STEM teachers*. Proposed to the National Science Foundation, Discovery Research Program (DK-K12, Solicitation NSF 08-609). \$4,800,000.

Stuve, M. Bottomley, D., and Rice, P. (2009). EPIC Academy: Enhancing Student Learning Through Evidence-Based Curriculum and Assessment. Proposed to the Indiana Commission for Higher Education for the Improving Teacher Quality Partnership (CFDA Number: 84.367A). \$492,000.

GRANTS: INTERNAL (funded)

Ma, W and Stuve, M. (2010). ASPIRE Travel Grant to present "Examining an International Distance Education Course: A Case Study" presented at the 21st International Conference of Society for Information Technology and Teacher Education on March 29-April 2, 2010 in San Diego, CA. \$100.

Stuve, M. (2010). Terhune Foundation Professional Development Grant. Ball State University. \$400.

Fraser-Burgess, S. & Stuve, M. (2009). Parenting Portal. Emerging Media Initiative. Ball State University. \$9,900.

Stuve, M. & Johnson, R. (2009). Analysis of on-screen images and warning lexicons for school-based emergency alert broadcast systems. Office of the Provost, Ball State University. \$17,259.

Stuve, M. (2008). CTE Technology Cooperative. Building Better Communities Initiative. Ball State University. \$52,000

Stuve, M. (2004). Intellectual Property Grant: *rGrade*. Office of Academic Research and Sponsored Programs. \$1200.

iCommunications Faculty Fellowship (2002): \$18,500

Continuing Education Summer Program Promotion Grant (2002): \$1000. With David Dixon.

University of Northern Iowa Graduate College Travel Grant, 1999: \$800

University of Northern Iowa Qualities of an Educated Person program development grant: "Blurring the boundaries: Integrating the content of professional education and mathematics and science methods course work". With M. Heston, R. Boody, C. Lee, C. Miller, A. Gabriele, and C. Watkins. 1999 (\$7,200)

Scholarly Activity Seed Grant, Rosa Janssen and Henry R. and Nancy Meyer Fund, University of Northern Iowa, 1998 (\$1,000)

UIUC Department of Educational Psychology conference travel grants: 1994, 95, and 96

University of Illinois Graduate College conference travel grants: 1994, 1995, and 1996

Purdue University: Public Service Indiana computer applications scholarship, 1988

GRANTS: INTERNAL (unfunded)

Stuve, M. & Schelling, N. (2017, February). *The 2017 Teachers' Assessment Leadership Showcase: A Professional Learning Community to Strengthen K-12 Classroom Assessment*. Proposal for the Ball State Provost's Immersive Learning Initiative. \$15,000

Stuve, M., Wood, E. & Schilling (2016, December). *The 2017 Indiana Teachers' Assessment Leadership Showcase: Building a Professional Learning Community to Strengthen K-12 Classroom Assessment*. Proposal to the Ball State Discovery Award. \$15,334

Stuve, M., Schelling, N., & Wood, E. (2016, October). *The 2017 Teachers' Assessment Leadership Showcase: A Professional Learning Community to Strengthen K-12 Classroom Assessment*. Proposal for the Ball State Provost's Immersive Learning Initiative. \$25,000

Stuve, M., Schelling, N., Ave, O., Folland, E., James, J. & Pohlmann, P. (2016, February). *Assessment Innovation Resource (AIR) Studio: A Professional Learning Network to Strengthen and Promote K-12 Classroom Assessment*. Proposal for the Ball State Provost's Immersive Learning Initiative. \$15,000

Stuve, M. & Schelling, N. (2015, November). *AIR Studio: Building teacher expertise and voice for classroom assessment*. Proposal for the Ball State Discovery Award. \$25,000

Stuve, M., Schelling, N. et al. (2015, October). *Assessment Innovation Resource (AIR) Studio: A Professional Learning Network to Promote K-12 Classroom Assessment and Data Literacy*. Proposal for the Ball State Provost's Immersive Learning Initiative. \$20,000

Stuve, M. (2015, February). *Assessment Innovation Resource (AIR) Studio: A Cloud- and Carbon-Based Outreach Center to Promote Classroom Assessment and Data Literacy*. Proposal for the Ball State Provost's Immersive Learning Initiative. \$20,000

Stuve, M. (2013, October). *Assessment Innovation Resource (AIR) Studio: A Cloud- and Carbon-Based Outreach Center to Support Best Practices in Today's Classrooms*. Proposal for the Ball State Provost's Immersive Learning Initiative. \$35,570.

Stuve, M., Modesitt, M. & Case, J. (2010). *AppLab: An Agile Field Testing and Resource Hub for Educational Apps*. Emerging Media Initiative. Ball State University. \$9,900.

Kruczek, T., & Stuve, M. (2010). *Choose Respect EFT: A Digital Playbook to Teach Healthy Relationships*. Emerging Media Initiative. Ball State University. \$9,600.

Wauzzinski, C., Stuve, M. & Modesitt, M. (2009). *The GutenPod: Making the world's literature an audio experience for everyone*. Emerging Media Initiative. Ball State University. \$9,490. (Selected for second round of proposals)

Ceglowski, D. & Stuve, M. (2009). *Those parents, those kids: Building an online dialogue about poverty using digital media*. Emerging Media Initiative. Ball State University. \$10,000.

Matlock, R. & Stuve, M. (2009). *Prototyping rapid videography and a new business model for production and distribution of content for early childhood education*. Emerging Media Initiative. Ball State University. \$10,000.

CONTRACTS: EXTERNAL

Stuve, M. (2013). *Empower Learning Summer Institutes*. Center for Technology in Education, Ball State University. Funded by Empower Learning, Inc. \$3,162.

Yadon, R. & Stuve, M. (2010). *Inbound Alert Network*. Center for Information and Communication Sciences, Ball State University. Funded by Channel One. \$1,500,000

Stuve, M. (2005). Indiana Humanities Council. \$25,000 for design and advancement of the SmartDESKTOP teachers' portal and the Indiana Assessment Institute.

CONTRACTS/SUB-AWARDS: INTERNAL

(2016). High Riding Arts and Equestrian Camp Research. Office of the Provost, Ball State University. \$1,242. Awarded to the CTE as part of Immersive Learning Grant by R. Jefferson.

(2012). Connecting Family, School and Community through Math and Science Inquiry. Office of the Provost, Ball State University. \$1,650. Awarded to the CTE as part of Immersive Learning Grant by Varner, L., Fraser-Burgess, S., Mitchell, M., & Roebuck, D.

(2011). Family Math and Science Night Video and Web Site Production. Office of the Provost, Ball State University. \$5,000. Awarded to the CTE as part of Immersive Learning Grant by Fraser-Burgess, S., Varner, L., Mitchell, M., & Roebuck, D.

(2009). I-STEM Portal Development. Teachers College, Ball State University. \$15,000. Awarded to the CTE as part of a grant with Miller, J. and Johnson, S.

SOFTWARE (with deployment, documentation and a user base)

Stuve, M. J. & Lora, M. J. (2003). rGrade: A rubric-based assessment system. This is an interactive web site written in ASP and SQL that has been adopted by the BSU teacher education program. Copyright filed by BSU with the U.S. Patent and Copyright Office. Fall 2004. Four deployments totaling 30,000 users in K-12 and higher education. Distributed under exclusive license to Educational Informatics, LLC.

Stuve, M. J. & Crespi, A. M. (2003). eSpace: A community-driven environment for collaborative construction of multimedia, interactive exhibits. Over 100 users and 400 exhibits produced to date.

Written in Lasso 6 with MySQL database. Copyright filed on behalf of Ball State University, Fall 2003. Used by numerous K-12 teachers, higher education projects, and others. <http://espace.bsu.edu>

Stuve, M. J. (2003). HomeworkSpace. A web-based homework resource system for youth at Motivate Our Minds and the Muncie Boys and Girls Club. Written in CDML.

Stuve, M. J. (2003). NewsBureau. A data-driven web site that organizes and generates the public assets of an enterprise for quick dissemination via the web. Written in CDML and FMP.

Stuve, M., Modesitt, M. & Mullen, L. (2002). Competency Data Engine: Courseware for performance-based assessment and digital portfolios. Used with over 30 instructors during the Fall of 2002. Written in ASP and MySQL with a Flash interface. Copyright filed on behalf of Ball State University, Fall 2002.

Stuve, M. J. (2001). Reporter. A web-based project evaluation system. Written in CDML with FMP.

Parsons, S. & Stuve, M. (1988). *FuelXL: Fuel Use and Estimation List* (spreadsheet software for estimating farm fuel usage). Distributed by Purdue University Agricultural Engineering Extension Office.

Stuve, M. & Johnson, R. (1988). *Principles and design of on-site waste disposal with septic systems* (tutorial software). Distributed by the U.S. Environmental Protection Agency, Region 5: Chicago.

INSTRUMENTS AUTHORED (with deployment and a user base)

Stuve, M. (2005). NETS-T Faculty Survey for program integration of NETS-T standards. Available at: <http://www.bsu.edu/cte/nets/netst-facsurvey/>

Stuve, M. & Cassady, J. (2002). *Profile-IT*. A NETS-T self-assessment instrument for pre-service teachers. Research funded in part by the U.S. Department of Education PT3 Grant. Available at <http://www.bsu.edu/cte/nets/profile-it/>

Stuve, M., Ransom, S., & Crespi, A. (2002). SoftReview. Research funded in part by the U.S. Department of Education PT3 Grant. A software review and evaluation instrument. Available at <http://www.bsu.edu/cte/software/>

DIGITAL MANUSCRIPTS AUTHORED

Sponsored production and content; non-refereed distribution; publicly accessible

Stuve, M. (2002). Naptown Prodigy: Building identity with basketball, reading and digital video. In L. Mullen (producer) *Indiana Teachers Using Technology*. A multimedia exhibit available at: <http://www.bsu.edu/pt3/cases/idoecase4>

Mullen, L. Pianfetti, E., & Stuve, M. (2002). *Indiana Teachers Using Technology*. L. Mullen (producer). A multimedia exhibit available at: <http://www.bsu.edu/pt3/cases/idoecase4>

TEACHING

COURSES TAUGHT

- Dept. of Educational Psychology, Ball State University
 - Undergraduate:
 - EDPS 345: Educational Tests and Measurement (2011 to present)
 - EDPS 393: Educational Psychology for Elementary Teachers (2016 to present)

- Graduate:
 - EDPS 606: Human Learning and Achievement Motivation (Summer 2017)
 - EDPS 641: Introduction to Educational Statistics (instructor of record with doctoral assistant; Fall 2015)
 - EDPS 699: Assessment for Woodrow Wilson Fellows Program (2011-2016)
- 1999-2011 (Dept. of Educational Studies):
 - Undergraduate: EDTEC 120, 350*, 355, 360, 365, 485
 - Graduate: EDTEC 550*, 585, 655, 665, 675, 685, 770

INVITED TEACHING

Item and Survey Design. EDEL 321 Family and community Relations. Ball State University. January 25, 2016; October 19, 2016 (with follow-up sessions). Invited by S. Allred.

Video Meta Reflection. EDEL 300, 350 and other courses. Ball State University. Fall 2009 to present. Invited by M. Williams, L. Varner, P. Rice

Video Meta Reflection. PEP 396. Ball State University. Fall 2011 to present. Invited by K. Hurley.

Montage in Multicultural Education. EDMUL 205. Ball State University. March 15 and 17, 2011. Invited by G. Park on Jan. 9, 2011.

Using iPads to promote literacy. Ivy Tech Community College. February 24, 2011. Invited by L. Anderson.

SERVICE

UNIVERSITY SERVICE

Ph.D. Pathways Mentor

- Katharine Otolski (Fall 2014 to 2016)
- Emily Ramos-Niaves (Fall 2016 to 2017)

Academic Leadership

- Co-Director (with J. Cassady), Research Design Studio. Teachers College, Ball State University, Fall 2014 to present. See espace.bsu.edu/rds
- Director, Center for Technology in Education, 2008 to 2017. See espace.bsu.edu/cte
- Academic Program Director, Educational Technology; 2001-2008

Project Leadership (with significant funding and personnel...see grants section)

- Principal Investigator, EPIC Project, 2006 to 2009; 2011 to 2014
- Principal Investigator, Migrant Education Project. 2011-2012
- Co-Principal Investigator, Inbound Alert Network; 2010 to 2011
- Principal Investigator, Emergency Alerts in the Classroom; 2009
- Co-Principal Investigator, PT3 Project; 1999 to 2003

Coordinator and Advisor, Educational Technology Academic Programs, Fall 2001 to 2008:

Academic Programs Created (as principal author or as program chair):

- Certificate in Instructional Design and Assessment (2013). Department of Educational Psychology, Ball State University.
- Educational Technology Focus Area (2006). Developed 5-course option for M.A. in Elementary Education.
- Computer Education License – Journalism Education (2005); Developed special version of the license for journalism education majors. With B. Hayes
- Ph.D. in Educational Studies (activated 2005); as chair of ad hoc Ph.D. committee from 2002-2004).
- Computer Education Teaching License – Graduate Version (2003); with T. Gao
- Computer Education License – Undergraduate Version (2002); with T. Gao
- Educational Technology Minor (2002); with T. Gao

Academic or Professional Programs Created (under my direction)

- 2013-14: Certificate in Instructional Design and Assessment. Approved by Ball State Graduate Education Committee, Dec. 17, 2013.

Academic Programs Significantly Revised (under my direction):

- M.A. in Curriculum and Educational Technology (2003); with J. Thompson and Department of Educational Studies. Revised M.A. in Curriculum to include coursework in Educational Technology and a two-track option (Curriculum or Educational Technology).
- Elementary Education Technology Concentration (2002); with R. Seymour, T. Gao, D. Dixon, L. Smith, and departments of Elementary Education, Industry and Technology, and Educational Studies. Increased number of required EDTEC courses in this five-course EDEL program from one course to two plus more EDTEC electives.
- B.A. in Library Media and Computer Education (2002); with P. Beilke. Developed the Library Media program into a dual-licensure program with increase in educational technology

Courses developed and instructor of initial offering (year of approval):

- Undergraduate: EDTEC 120, 350*, 355, 360, 365, 470, 485 (2002)
- Graduate: EDTEC 550*, 585, 655, 665, 675, 685, 770, 790† (2003)
- *Revised with T. Gao; †Course never offered

Student Advising, Educational Technology (2002 through 2008):

- Undergraduate (24 students, since creation of programs in 2002)
- Graduate (46 students, since creation of programs in 2003)

Accreditation Reporting

- Designed and implemented first data-driven assessment plans for the Department of Educational Studies, starting in 2005.
- Developed aggregate program assessment subreports for two graduate programs (Secondary Education and Curriculum/Educational Technology) for 2006 NCATE report.
- Produced SPA report for Computer Education License with a seven key assessment model representing EDTEC undergraduate course options.

Doctoral Committees (year completed):

Chair (Educational Technology Track of Ph.D. in Educational Studies):

- Wei Ma, Ph.D. (completed summer 2010)
- James Jackson, Ph.D. (candidate withdrew from program for health reasons)
- Kevin Biddle, Ph.D. (Chair: 2006-2011; I withdrew from committee when I changed departments)

Cognate Representative:

- Jia He, Ed.D. (in progress): Computer Science
- Gary David, Ed.D. (in progress, since 2012) Educational Leadership (Cognate: Curriculum)
- Young Choi, Ed.D. (2013) Special Education
- Tara Kingsley, Ph.D. (2011) Elementary Education
- Sang-Eun Kim, Ph.D. (2006) Elementary Education
- Steven Ransom, Ph.D. (2003) Elementary Education
- Suzanne Gould, Ed.D. (in progress, since 2004) Science Education – Biology
- Lesley McClung, Ed.D. (in progress, since 2006) Educational Leadership
- Sally Davidson, Ed.D. (in progress, since 2006) Educational Leadership

Member:

- Jennifer Schilling (in progress): Ph.D. in Educational Studies (member since, 2015)
- Natalie Schelling (in progress); Ph.D. in Educational Psychology
- Annie Liner (in progress); Ph.D. in Educational Psychology
- Michael Starling, Ph.D. (completed, Fall 2017) Educational Psychology
- Maureen Sanders-Brunner (in progress), Ph.D. in Educational Studies
- Karen Dowling, Ph.D. (completed, 2012) Educational Studies – Social Foundations
- Chia-Kun Lee, Ed.D. (completed, 2009) Adult Education
- Ahmed Alkhalifah, Ed.D. (completed, 2003) Science Education – Physics
- Rick Ankney, Ed.D. (in progress, since 2004) Educational Leadership

University Committees (Ball State University):

- Learning Spaces Research Group, 2012
- Student Learning Outcomes Committee, 2011-12
- Emerging Media Curriculum Task Force, 2010-11 (invited by VP for Research)
- Emerging Media Research Council, 2009-10 (invited by VP for Emerging Technologies)
- Search Committee, Technology Transfer. 2006. Invited by OARSP
- Information Technology Advisory Group (ITAG). Fall 2001 to 2005. Invited by Vice President for Information Technology

College Committees:

- CAEP Standard 5 Subcommittee, 2016
- Assessment Task Force (dept. representative), 2009-11
- Teachers College Technology Committee (Fall 2000 to present)
 - Chair, 2000-2001
- Dean's Technology Advisory Group, 2004-present
- Commencement– Stage Manager of May Commencement. May 2006 to present.

Department Committees (Educational Psychology):

- Member, P&T Committee (2013-present)
- Member, Curriculum Committee (2011-13)
- Member, Educational Psychology Core Committee (2012-present)

Department Committees (Educational Studies):

- Chair, Search Committee (2006-07)
- Member, Ph.D. Committee (2005-08)
- Member, Salary Committee (2005-06)
- Member, Curriculum Committee (2000-11)
- Member, Graduate Committee (2005-08)
- Member, Steering Committee (2004-05; 2009-11)
- Chair, Ph.D. Task Force (charged with developing a Ph.D. in Educational Studies, 2002-04)

University Web Sites Developed:

- Center for Technology in Education: www.bsu.edu/cte

- iStudio: www.bsu.edu/istudio
- eSpace: <http://espace.bsu.edu> (and its precursors, which was original code and database)
- Developer, EDTEC Program Web Site: www.bsu.edu/edtec
- Co-developer (with Mark Lora), BSU's rGrade deployment www.bsu.edu/rgrade
- Co-developer (with Mark Lora), BSU's Teacher Education portfolio site www.bsu.edu/pt3/portfolio (now under direction of P. Craig)

AWARDS and RECOGNITIONS:

Department of Educational Psychology Service Award, 2015

Teachers College Service Award, 2004-05

Twice featured in *Benefacta*, BSU's annual research magazine:

- With M. Lora in 2006 for rGrade technology transfer:
Visit: <http://www.bsu.edu/benefacta>
- With L. Mullen in 2003 for PT3 project

STATE AND LOCAL SERVICE:

- Faculty Advisor, Pi Kappa Phi Fraternity, Ball State Chapter
- Board of Directors: Indiana Connected Educators (ICE), 2014-present
- Board of Directors: Muncie Meals on Wheels, 2009-present
- Board of Directors: Spark12 Network (Evansville, IN), 2008-09:
- RFP Reviewer, Indiana Department of Education, 2010, 2012

NATIONAL SERVICE

Panel Reviewer (2006). National Science Foundation SBIR/STTR Program. RFP for Information Technology, Education Subtopic (I-P061693): Phase I applications in support of teaching.

Panel Reviewer (2007). National Science Foundation SBIR/STTR Program. RFP for Information Technology, Education Subtopic (I- P070797): Phase I and II applications in support of teaching.

Conference Session Facilitator: Association of Teacher Educators, Annual Meeting, 1999. Session 305. Chicago. February 16.

Editorial Board, *International Journal of Educational Technology*, 1998-1999

Reviewer:

- *The Teacher Educator*
- *Roeper Review*
- *Teaching and Teacher Education*
- *Urban Education*
- *American Educational Research Association (AERA)* annual conference
 - Division H, Section 2
 - Division K, Sections 1a, 5
 - Division C, Sections 4, 7
 - SIG: Computer Applications In Education

MEMBERSHIPS:

American Educational Research Association (AERA)

Association for Assessment of Learning in Higher Education (ALHE)

Association for the Advancement of Computing in Education (AACE)

International Society for Technology in Education (ISTE)

Indiana Connected Educators (ICE; Member, Board of Directors)

PROFESSIONAL DEVELOPMENT (attended):

2016: ISTE Affiliate Summit, Denver, June 25.

2012: RISE Training. Central Indiana Education Service Center, February-July

2011: Challenge-Based Learning Workshop, Apple Computer, Dallas, TX. January 24-25