**JAMES D. BASHAM**                                                                          **jbasham@ku.edu**

## EDUCATIONAL EXPERIENCE:

2005    Ph.D., University of Illinois Urbana-Champaign. Major: Educational Psychology &
        Special Education
1996    M.S., Eastern Illinois University. Major: Special Education
1994    B.A., Eastern Illinois University. Major: Special Education

## PROFESSIONAL EXPERIENCE:

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|---|---|
| 2013- | Associate Professor, University of Kansas, Department of Special Education |
| 2011-2013 | Assistant Professor, University of Kansas, Department of Special Education |
| 2006-2011 | Assistant Professor, University of Cincinnati, Department of Special Education |
| 2005-2006 | Assistant Professor, Eastern Illinois University, Department of Special Education |
| 2002-2005 | Adjunct Faculty, Eastern Illinois University, Department of Special Education |
| 1997-1999 | Special Education Teacher, Rockford Public Schools, Rockford, IL |
| 1996-1997 | Special Education Teacher/Inclusion Consultant, Winnebago Public School District, Winnebago, IL |
| 1994-1996 | Homebound Instructor, Mattoon Community Unit School District No. 2; Mattoon, IL |

## SELECTED PUBLICATIONS:

Greer, D.L., Smith, S.J., Basham, J.D., (In Press). Practitioners' perceptions of their knowledge, skills, competencies in online teaching of students with and without disabilities. *Journal of the American Academy of Special Education Professionals.*

Marino, M.T., Gotch, C.M., Israel, M, Vasquez, E., Basham, J.D., Becht, K. (In Press). UDL in the middle school science classroom: Can video games and alternative text heighten engagement and learning for students with learning disabilities? *Learning Disabilities Quarterly.*

Basham, J.D., Smith, S.J., Greer, D.L., and Marino, M.T. (2013). The scaled arrival of K-12 online education: Emerging realities and implications for the future of education. *Journal of Education, 193*(2), 51-59.

Basham, J. D., & Marino, M. (2013). Understanding STEM education and supporting students with universal design for learning. *Teaching Exceptional Children,* 45(4), *8-15.*

Carnahan, C. R,, Basham, J. D., Christman, J., & Hollingshead, A. (2012). Overcoming challenges: "Going mobile with your own video models." *Teaching Exceptional Children, 45*(2), 50-59.

Haydon, T., Hawkins, R., Basham, J., Denune, H., Kimener, L., & McCoy, D. (2012). A comparison of iPads and worksheets on math skills of 9th grade students with emotional disorders. *Behavior Disorders, 37(4), 232-243.*

Basham, J. D., Koehler, C., & Israel, M. (2011). Creating a "STEM for all" environment. In C. Johnson (Ed.), *Secondary STEM education reform (secondary education in the changing world*) (pp. 1-25). New York, NY: Palgrave Macmillian.

Basham, J. D., Perry, E., & Meyer, H. (2011). It's in the bag: Digital backpacks for project-based learning. *Learning and Leading with Technology, 39*(2), 24-27.

Lowrey, K. A., Basham, J. D., Gardner, J. E., & Jones, M. (2011). Computer-mediated collaboration: Using the web to contextualize representational issues in general and special education practice. In E. D. McCray, P. A. McHatton, & C. L. Beverly (Eds.), *Knowledge, skills, and dispositions for culturally competent and intercultural sensitive leaders in education* (pp. 202-223). Arlington, VA: CEC Teacher Education Division.

Marino, M. T., Basham, J. D., & Beecher, C.C. (2011). Using video games as an alternative science assessment for students with disabilities and at-risk learners. *Science Scope. 34*(5), *36-41.*

Marino, M. T., Tsuruski, B. K., & Basham, J. D. (2011). Selecting science software for students with learning disabilities and other special needs. *The Science Teacher, 78*(3), 70-72.

Basham, J., & Gardner, J (2010). Measuring universal design for learning. *Special Education Technology Practice, 12*(2), *15-19.*

Basham, J. D., Israel, M., Graden, J., Poth, R., & Winston, M. (2010). A comprehensive approach to RTI: Embedding universal design for learning and technology. *Learning Disability Quarterly. 33*(4)*, 243-255.*

Basham, J. D., Israel, M., & Maynard, K. (2010). An ecological model of STEM education: Operationalizing STEM for All. *Journal of Special Education Technology, 25*(3), 9-19.

Basham, J. D., Lowrey, K. A., & deNoyelles, A. (2010). Computer mediated communication in the universal design of learning framework. *Journal of Special Education Technology, 31-44.*

Basham, J. D., & Marino, M. T. (2010). Introduction to the topical issue: Shaping STEM education for all students. *Journal of Special Education Technology, 25*(3), 1-2.

Basham, J. D., Meyer, H., & Perry, E. (2010). The design and application of the digital backpack. *Journal of Research on Technology in Education, 42*(4), 339-359.

Carnahan, C., Basham, J., & Musti-Rao, S. (2009) Interactive books: A low-technology use strategy for increasing engagement of students with autism and significant learning needs. *Exceptionality, 17,* 76-87.

Edyburn, D. L., & Basham, J. (2008). Collecting and coding observational data. *Journal of Special Education Technology*, 23(3), 56-60.

Basham, J. (2007). Use of cognitive memory prosthetics for individuals with learning disabilities. *Special Education Technology Practice, 9*(5), 16-2.

**OTHER RELEVANT ACTIVITIES:**

Principal Investigator, *Interactive Field Investigation Guide (iFIG),* funded by the Office of Special Education Programs

Co-Principal Investigator, *Center on Online Learning and Students with Disabilities,* funded by the Office of Special Education Programs

Co-Principal Investigator, *STEM Demonstration Research Grant* funded by the Ohio Board of Regents

Co-Principal Investigator, *Southwest Ohio Stem Education Hub of OSLN* funded by the Ohio Board of Regents

Principal Investigator, *iOS STEM App System for Learning* funded by the Battelle Foundation