

# Dr. Brian Edward Kinghorn, PhD

One John Marshall Drive, 207 Jenkins Hall  
Huntington, WV 25755

W: (304) 696-2876

email: kinghorn@marshall.edu

## Education

- 2013 Ph.D., Michigan State University, East Lansing, MI  
Major: Educational Psychology and Educational Technology
- 2001 B.A., Magna Cum Laude, Brigham Young University-Hawaii, Laie, HI  
Major: Psychology
- 1999 A.A.S., Ricks College (Brigham Young University-Idaho), Rexburg, ID  
Major: General Studies

## Experience

- Aug. 2015 - present Assistant Professor, Curriculum, Instruction, & Foundations, Marshall University — Develop and Teach graduate and undergraduate Educational Foundations courses and Honors courses, advise students, serve on program, COEPD, and University committees.
- March 2009 - present Founder/Executive Director, Junior Science World — Develop, market and present inquiry-based science assemblies at elementary schools.
- Aug. 2008 - present Research Consultant, WestEd — Collect, analyze, write, and present research as needed.
- Sept. 2013 - Aug. 2015 Visiting Assistant Professor, Brigham Young University-Hawaii — Developed and taught Psychology and Honors courses, advised students in an educational psychology research group and accompanied students to present the research, served on university committees.
- Aug. 2012 - Aug. 2013 Science Kit Consultant, Battle Creek Math & Science Center — Conducted teacher in-service professional development training throughout Michigan for K-7 kit- based science inquiry units.

- Jan. 2012 - May 2013      Adjunct Instructor, The Robert B. Miller College — Developed and taught elementary science methods courses, taught research methods course, observed and assessed elementary education interns' classroom science teaching.
- Aug. 2007 - May 2008      Graduate Instructor, Michigan State University — Taught elementary science methods courses.
- Aug. 2005 - May 2006      Graduate Instructor, Michigan State University — Taught undergraduate educational psychology courses.
- Dec. 2004 - July 2005      General Manager (Founding), ActiveKids Ltd. Hong Kong — Hired and trained instructors and staff. Directed operations for and conducted Science Adventures after school science clubs, camps, parties, and stage shows. Developed and implemented culturally appropriate curriculum materials.
- June 2002 - Dec. 2004      Instructor & Curriculum/Program Trainer, Science Adventures — Taught science camps and afterschool science clubs, presented science assemblies, and conducted curriculum training locally and throughout the U.S.

## Selected Professional Activities, Honors and Awards

### Grants

Quinlan Endowment for Faculty Travel Grant (\$500) awarded by Marshall University Faculty Senate, May 2016

INCO Faculty Development Grant (\$600) awarded by Marshall University Faculty Senate, May 2016

INCO Faculty Development Grant (\$600) awarded by Marshall University Faculty Senate, April 2016

Small Research Training Grant (\$1000) awarded by the Spencer Foundation, 2007

### Fellowships

MSU Graduate School Research Enhancement Fellowship (\$1000), 2011

MSU CEPSE Dept. Dissertation Research Development Fellowship (\$1175), 2011

Research Travel Awards (\$600) awarded by MSU's College of Education, 2008, 2011

Entrepreneurial Faculty for the 21st Century University Fellowship (EF21U) awarded by MSU's James Madison College (\$5000), 2008-2009

Departmental Fellowship (\$3000), awarded by MSU's CEPSE Department, 2005-2006

## **Professional Certifications**

Project WET facilitator certification, Feb. 2016

Project Learning Tree PreK-8 and Early Childhood facilitator certification, April 2016

## **Current Professional Memberships**

American Educational Researchers Association (AERA)

Association for Psychological Science (APS)

American Psychological Association (APA) Division 15: Educational Psychology

National Association for Research in Science Teaching (NARST)

## **Scholarship**

### **Refereed Journal Articles**

Kinghorn, B. E. (2014). Elementary school teachers learning science content through teaching. *Teacher Education & Practice*, 27(2-3), 424-444.

### **Invited Articles**

Kinghorn, B. E. (2014, November). Developing and piloting a psychology of social media course. *Observer*, 27(9). <http://www.psychologicalscience.org/index.php/publications/observer/2014/november-14/developing-and-piloting-a-psychology-of-social-media-course.html>

### **Conference Proceedings**

Kinghorn, B. E., & Wilson, P. L. (2016, May). The effects of examining social media as an amplifier of prosocial and antisocial human behaviors in a university course. In B. E. Kinghorn (Chair), *Amplification effects of social media on prosocial and antisocial behaviors*. Proceedings of the annual convention of the Association

Kinghorn, B. E., & Britton, E. D. (2016, April). Content needs of early-career secondary science teachers. Proceedings of the annual meeting of the American Educational Research Association (AERA), Washington, D.C.

Kinghorn, B. E., & Peterson, J. (2016, April). Preservice elementary teachers' obedience and conformity to errors in science curriculum. Proceedings of the annual meeting of the American Educational Research Association (AERA), Washington, D.C.

### **Conference and Professional Presentations**

Kinghorn, B. E., & Wilson, P. L. (2016, May). The effects of examining social media as an amplifier of prosocial and antisocial human behaviors in a university course. In B. E. Kinghorn (Chair), *Amplification effects of social media on prosocial and antisocial behaviors*. Symposium conducted at the annual convention of the Association for Psychological Science (APS), Chicago, IL.

Kinghorn, B. E. & Britton, E. D. (2016, April). Content needs of early-career secondary science teachers. Paper accepted at the annual meeting of the American Educational Research Association (AERA), Washington, D.C.

Kinghorn, B. E., & Peterson, J. T. (2016, April). Preservice elementary teachers' obedience and conformity to errors in science curriculum. Round table paper accepted at the annual meeting of the American Educational Research Association (AERA), Washington, D.C.

Kinghorn, B. E., & Wilson, P. L. (2015, May). Undergraduate psychology of social media course improves students' perceptions and value of social media. Poster presented at the Association for Psychological Sciences (APS) Annual Conference, New York, NY.

Kinghorn, B. E., Cabeza, H., Ram, T., Fuluvaka, N., Fuller, B., & Gatoloai-Dahl, D. (2015, May). Conformity to curriculum in elementary science teaching: Preservice teachers view curriculum as a powerful authority figure. Poster presented at the Association for Psychological Sciences (APS) Annual Conference, New York, NY.

Kinghorn, B. E. (2014, October). Classroom practices that facilitate or hinder learning science content through teaching. Poster presented at the Advances in Educational Psychology Conference (AEPC) of Division 15 of the American Psychological Association (APA), Fairfax, VA.

Kinghorn, B. E. (2014, May). Relationships between middle-school science teachers' prior knowledge and their knowledge gaps. Poster presented at the Association for Psychological Sciences (APS) Annual Conference, San Francisco, CA.

Kinghorn, B. E. (2014, February). Baby steps to inquiry: What can I do tomorrow to begin implementing inquiry in my classroom? Session presented at the Brigham Young University-Hawaii International Symposium on Learning and Teaching, Laie, HI.

Kinghorn, B. E. (2012, October). Learning science content through teaching practice. Session presented at the National Science Teachers Association (NSTA) Area Conference, Louisville, KY.

Kinghorn, B. E., Putnam, R. T., & Wong, E. D. (2012, April). Early-career middle school science teachers learning science through teaching: Strategies for recognizing content knowledge gaps. Round table paper presented at the annual meeting of the American Educational Researchers Association (AERA), Vancouver, BC.

Kinghorn, B. E. (2008, March). Elementary school teachers' learning of science content through teaching. Poster presented at the annual meeting of the National Association for Research in Science Teaching (NARST), Baltimore, MD.

Kinghorn, B. E. (2005, May). The wacky science show. Stage performance presented at The Parents' Journal 4th Education Expo and Family & Home Show, Hong Kong.

Kinghorn, B. E. (2004, October). Fantastic physics and slime time. Seminar presented at the Association of Christian Schools International Educator Convention, Sacramento, CA.

### **Student Advisee Presentations at Conferences**

Ram, T., Gatoloai-Dahl, D., & Garcia, A. (2015, May). Informational and normative conformity in elementary science teaching: Preservice teachers view curriculum as a powerful authority figure. Research presented at the University of Hawaii at Manoa Undergraduate Research Conference in Psychology, Honolulu, HI.

Ram, T., Fuluwaka, N., Fuller, B., & Peterson, J. (2015, April). Informational and normative conformity in elementary science teaching: Preservice teachers view curriculum as a powerful authority figure. Research presented at the Chaminade University Psychology Student Research Conference, Honolulu, HI.

### **Other Publications**

Kinghorn, B. E. (2016, May 26). Why did #TheDress go viral and why did it happen so quickly? The Amplifier Magazine (online). Retrieved from <https://div46amplifier.com/2016/05/26/why-did-thedress-go-viral-and-why-did-it-happen-so-quickly/>

Kinghorn, B. E. (2015, April 16). Examining slacktivism on the anniversary of #bringbackourgirls. NewspaperGirl. Retrieved from <http://www.newspapergrl.com/examining-slacktivism-on-the-anniversary-of-bringbackourgirls>