Ayesha Sadaf

CURRICULUM VITAE

Instructional Systems Technology, Department of Educational Leadership,
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EDUCATION

Ph.D., Learning Design & Technology, Purdue University, West Lafayette IN   2013
M.S., Computer Graphics Technology, Purdue University, West Lafayette IN   2005
M.S., Applied Arts, Punjab University, Lahore, Pakistan   1994
B.S., Home-Economics, College of Home-Economics, Lahore, Pakistan   1992

PROFESSIONAL EXPERIENCE

Assistant Professor of Instructional Systems Technology   2016 - Present
Department of Educational Leadership, College of Education, UNCC

Assistant Professor of Educational Technology   2013 - 2016
Department of Educational Studies, Teachers College, Ball State University

Program Director of MA Curriculum and Educational Technology   2013-2016
Department of Educational Studies, Teachers College, Ball State University

Instructor/Co-Instructor   2011-2013
Department of Curriculum & Instruction, College of Education, Purdue University

Online Course Design/Development Consultant   2012-2013
Purdue Extended Campus, Purdue University

Research Assistant   2007-2011
Department of Curriculum & Instruction, College of Education, Purdue University

Teaching Assistant   2008-2009
Learning Design & Technology, College of Education, Purdue University

First Grade Master Teacher   1999-2002
Juniors Campus, Lahore, Pakistan

Elementary/Middle school Art Teacher   1997-1999
Defense Public School, Lahore, Pakistan

GRANTS

ASPiRE Junior Faculty Research Grant ($14,000)   2015-2016
Funded by the Sponsored Projects Administration (SPA) at Ball State University
   PI: Project - *Teachers' Intentions and Actual Integration of Digital Literacies into their Classrooms: An application of the theory of Planned Behavior*

ASPiRE New Faculty Startup Grant ($1,500)   2013-2014
Funded by the Sponsored Projects Administration (SPA) at Ball State University
   PI: Project - *Moving from intentions to practice: Exploring preservice teachers' Web 2.0 integration*

Purdue Research Foundation (PRF)   2009-2012
Funded by Purdue Research Foundation (PRF), Purdue University
   Research Assistant (RA)**:** Project - *International Network of Students Investigating Technologies for Education (INSITE)*

Funds for Improvement of Post Secondary Education (FIPSE), Department of Education (DoE)
   RA: Project - *Increasing Access to Quality Learning through Effective Use of*   2007-2010
   Peer Feedback in Online Discussions

National Endowment for Financial Education (NEFE)   2009-2010
Funded by National Endowment for Financial Education (NEFE), Purdue University
   RA: Project - *High School Financial Planning Program: Online professional learning community*

Purdue Research Foundation (PRF)   2008-2009
Funded by Purdue Research Foundation (PRF), Purdue University
   RA: Project - *Purdue Education Research in Scientific Inquiry & Scaffolding Technologies*

PUBLICATIONS

PEER REVIEWED JOURNAL ARTICLES………………………………………………………………
Sadaf, A., Newby, T. J., & Ertmer, P. A. (2015). An investigation of the factors that influence preservice teachers' intentions and actual integration of Web 2.0 Technologies. *Educational Technology Research and Development. 64*(1), 37-64.

Sadaf, A., Newby, T. J., & Ertmer, P. A. (2012). Exploring pre-service teachers' beliefs about using Web 2.0 technologies in K-12 classroom. *Computers & Education, 59*, 937–945.

Sadaf, A., Newby, T. J., & Ertmer, P. A. (2012). Investigating factors that predict pre-service teachers' intentions to use Web 2.0 technologies using decomposed theory of planned behavior. *Journal of Research on Technology in Education, 45*(2), 171-196.

Ertmer, P.A., **Sadaf, A**. & Ertmer, D. J. (2011). Student-content interactions in online courses: The role of question prompts in facilitating higher-level engagement with course content. *Journal of Computing in Higher Education.* 157-186.
Best Paper Award – 2013 AECT International Conference - Division of Distance Learning

Ertmer, P. A., **Sadaf, A**., & Ertmer, D. J. (2011). Designing effective question prompts to facilitate critical thinking in online discussions. *Design Principles and Practices: An International Journal*, *5*(4), 1-28.

Ertmer, P. A., Strobel, J., Chen, X., Cheng, X., Kim, H., Olesova, L., **Sadaf, A**., & Tomory, A. J. (2010). Expressions of critical thinking in role-playing simulations: Comparisons across roles. *Journal of Computing in Higher Education, 22*(2), 73-94.

Ertmer, P. A., Richardson, J.C., Lehman, J., Newby, T.J., Cheng, X., Mong, C.J., & **Sadaf, A.** (2010). Peer feedback in a large undergraduate blended course: Perceptions of value and learning. *Journal of Educational Computing Research, 43*(1), 67-88.

JOURNAL ARTICLES UNDER REVIEW………..………………………………….…………

Sadaf, A., & Olesova, L. (Under review). Designing Question Prompts using Practical Inquiry Model (PIM) to enhance students' cognitive presence in online discussions.
Best Practice Award (3rd place) – 2015 AECT Conference - Division of Distance Learning

Sadaf, A., & Johnson, B. L. (Under review). Exploring Teachers' Beliefs About Integrating Digital Literacy in K-12 Classrooms.

BOOK CHAPTER…………………………………………………………………………………

Richardson, J. C., **Sadaf, A.**, & Ertmer, P. A. (2012). Relationship between types of question prompts and critical thinking in online discussions. In Z. Akyol & D. R. Garrison (Eds.) *Educational Communities of Inquiry: Theoretical Framework, Research and Practice*. Hershey, PA: IGI Global. (pp. 197-222).

CONFERENCE PROCEEDINGS……………………………………………………………………

Sadaf, A. (2014). Moving from Intentions to Practice: An investigation of Pre-Service Teachers' Web 2.0 Technology Integration. In M. Searson & M. Ochoa (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2014* (pp. 1450-1455). Jacksonville, FL.

Sadaf, A., & Newby, T.J. (2013). An empirical investigation of the factors that influence preservice teachers' intentions and integration of Web 2.0 technologies. *Proceedings of Association for Educational Communications and Technology Annual Conference 2013* (pp. 188-194). Anaheim, CA.

Sadaf, A., Newby, T. J., & Ertmer, P. A. (2011). Factors affecting pre-service teachers' intentions to use Web 2.0 technologies to supplement student learning in K-12 classrooms. *Association for Educational Communications and Technology Annual Conference 2011* (pp. 216-223). Jacksonville, FL.

Sadaf, A., Richardson, J. C., & Ertmer, P. A., (2011). Relationship between question prompts and critical thinking in online discussions. *Proceedings of Association for Educational Communications and Technology Annual Conference* 2011 (pp. 209-215). Jacksonville, FL.

Lehman, J., Richardson, J. C., Ertmer, P.A., Newby, T.J., Cheng, X., Mong, C. & **Sadaf, A.** (2009). Using asynchronous online discussions in blended courses: Comparing impacts across courses in three content areas. *Association for Educational Communications and Technology annual conference*: Louisville, KY.

OTHER PUBLICATIONS……………………………………………………………………...

Sadaf, A. & Dousay, T. (2013). 2011 AECT International Convention Committee, Division and Society Reports: Graduate Student Assembly. *TechTrends.*

Sadaf, A. (2012). My path to becoming a professional. *TechTrends, 56*(1), *7-8.*

Asino, T. I., & **Sadaf, A.** (2012). 2011 AECT International Convention Committee, Division and Society Reports: Graduate Student Assembly. *TechTrends, 56*(2), 39.

Leftwich, A.T., York, C.S., **Sadaf, A**., Newby, T.J., & Mong, C. (2010). *Task Stream: Advancing Educational Excellence* (4th ed.). Pearson Education, Inc., Upper Saddle River, NJ.

Leftwich, A. T., York, C. S., **Sadaf, A**., & Newby, T.J. (2008). *Task Stream: Advancing Educational Excellence* (3rded.). Pearson Education, Inc., Upper Saddle River, NJ.

Sadaf, A., Miller, S.G., Birchman, J. B., & Glotzbach, R.J. (2005). *Homepage Usability Issues of Business-to-Consumer (B2C) E-commerce Websites: an Explorative analysis*. Unpublished thesis manuscript, Purdue University, West Lafayette, Indiana.

SELECTED CONFERENCE PRESENTATIONS

REFEREED PRESENTATIONS…………………………………………………………………..

National/International

Sadaf, A., & Olesova, L. (2016, April). Impact of Question Prompts Designed with Practical Inquiry Model on Cognitive Presence in Case-Based Discussions. Paper presented at AERA, Washington, DC.

Sadaf, A., & Johnson. B. L. (2016, March). Exploring Teachers' Beliefs About Integrating Digital Literacy in K-12 Classroom Using the Theory of Planned Behavior. Paper presented at AERA, Washington, DC.

Sadaf, A., & Fallata, S. M. (2015, November). Exploring teachers' pedagogical beliefs of integrating digital literacy across curriculum. Paper presented at AECT, Indianapolis, IN.

Sadaf, A., & Olesova, L. (2015, November). Designing question prompts using Practical Inquiry Model (PIM) to enhance students' cognitive presence in online discussions. Paper presented at AECT, Indianapolis, IN.

Sadaf, A., & Olesova, L. (2015, October). Designing question prompts using Practical Inquiry Model (PIM) to enhance students' cognitive presence in online case-discussions. Paper presented at OLC, Orlando, FL.

Sadaf, A., & Newby, T.J. (2015, April). Exploring pre-service teachers' intention-behavior relationship of using Web 2.0 tools: A mixed methods study. Paper accepted to be presented at AERA, Chicago, IL.

Sadaf, A. & Newby, T.J. (2014, March). Moving from intentions to practice: Exploring pre-service teachers' Web 2.0 tool integration. Paper presented at SITE, Jacksonville, FL.

Sadaf, A., & Newby, T.J. (2013, April). An empirical investigation of the factors that influence preservice teachers' intentions and integration of Web 2.0 technologies. Paper presentated at AECT, Anaheim, CA.
Paper presented as AECT Featured Research Paper

Sadaf, A., & Newby, T.J. (2013, April). Transforming intentions into actions: Factors that influence pre-service teachers' use of Web 2.0 Technologies in K-12 classrooms. Paper presented at AERA, San Francisco, CA.

Sadaf, A., & Newby, T.J. (2012, November). Pre-service Teachers' Beliefs about Using Web 2.0 Technologies: An explorative study. Paper presented at AECT, Louisville, KY.

Sadaf, A., Newby, T.J., & Ertmer, P. A. (2011, November). Factors affecting pre-service teachers' intentions to use Web 2.0 technologies to supplement student learning in k-12 classrooms. Paper presented at AECT, Jacksonville, FL.

Sadaf, A., Ertmer, P. A., & Richardson, J.C. (2011, November). Relationship between question prompts and critical thinking in online discussions. Paper presented at AECT, Jacksonville, FL.

Sadaf, A., Newby, T.J, & Ertmer, P. A. (2011, April). Investigating pre-service teachers' views and intentions to use Web 2.0 tools using decomposed theory of planned behavior. Paper presented at American Annual Conference of Educational Research Association (AERA), New Orleans, Louisiana.

Sadaf, A., Ertmer, P. A., & Richardson, J.C. (2011, April). The impact of initial question prompts on critical thinking in online discussions. Paper presented at AERA, New Orleans, Louisiana.

Ertmer, P. A., Sadaf, A., & Ertmer, D. (2011, February). Designing effective question prompts to facilitate critical thinking in online discussions. Paper presented at the 5th International Conference on Design Principles and Practices. Rome, Italy.

Sadaf, A., Richardson, J.C., & Ertmer, P. A. (2010, October). The influence of verbal structure of questions on critical thinking in online discussions. Paper presented at AECT, Anaheim, CA.

Richardson, J.C., Ertmer, P.A., Lehman, J.D., Sadaf, A., & Mong, C.J. (2010, May). Impact of peer feedback in online discussions on students' motivations and learning strategies. Paper presented at AERA, Denver, CO.

Ertmer, P., Strobel, J., Sadaf, A., Chen, X., Cheng, X., Kim, H., Olesova, L., A., & Tomory, A. J. (2010, May). Critical thinking in nursing simulations: Comparisons across roles. Paper presented at AERA, Denver, CO.

TEACHING

UNIVERSITY TEACHING...

University of North Carolina at Charlotte

EIST 6100: Foundations in Instructional Systems Technology	Fall 2016
EIST 8121: Advanced Instructional Design	Fall 2016

Ball State University

EDTE 670: Technology, Policy, and Pedagogy	Summer 2014-16, Spring 2014-16
EDTE 665: Visual and Digital Literacy	Summer 2014-16, Spring 2014-16
EDTE 660: Instructional Design and Technology	Summer 2014-16, Fall 2013-15

Purdue University

EDCI 566: Educational Applications of Hypermedia (Online)	Spring 2013

Co-Instructor

EDCI 672: Advanced Practices in Learning Systems Design (Online)	Fall 2012
EDCI 513: Foundations of Learning Design and Technology (Online)	Fall 2011
EDCI 674: Advanced Instructional Design Theory (Hybrid)	Fall 2011
EDCI 615: Qualitative Research Methods in Education (Hybrid)	Summer 2011

K-12 TEACHING..

First Grade Master Teacher, Juniors Campus, Lahore, Pakistan   1999-2002
Elementary/Middle School Art Teacher, Defense Public School, Lahore, Pakistan   1997-1999

DOCTORAL STUDENT ADVISING..

Chair, Dissertation
- Fallata, S. M. (2016). Information and communications technology integrating at Tatweer schools: Understanding experiences of Saudi female English as foreign language teachers

Member, Dissertation Committee
- Hotmire, B. J. (2015). Hearing the voice of students: a phenomenological exploration of elementary youth leadership development.
- Martinez, J. I. (Defended dissertation proposal, June 2016). "Was I ready for college?" New tech network high school alumni share perceptions of their college readiness.
- Ludwig, S. N. (Defended dissertation proposal, July 2016). High school teacher perceptions of student morals and ethics and the influence of these perceptions on teacher-student interactions: A qualitative case study.

LEADERSHIP AND SERVICE

PROFESSIONAL ORGANIZATIONS..

Association for Educational Communications and Technology (AECT)

Communications Officer, Division of Distance Learning	2014-2017
AECT Presidential Candidates Nominating Committee	2015
Past-President, Graduate Student Assembly	2013-2014
AECT Presidential Candidates Nominating Committee	2013
President, Graduate Student Assembly	2011-2012
AECT Conference Program Co-Planner, Graduate Student Assembly	2011-2012
President-Elect, Graduate Student Assembly	2010-2011

American Educational Research Association (AERA)

Campus Liaison, Division-C Graduate student council & Purdue University	2011-2012

DEPARTMENT...

Department of Educational Studies, Ball State University, Muncie IN

Member – Graduate Programs Committee	2015-2016
Member – Salary Committee	2015-2016
Member – Curriculum Committee	2014-2016
Secretary – Graduate Programs Committee	2014-2015

STUDENT ORGANIZATION LEADERSHIP...

Graduate Student Representative, College of Education, Purdue University

College of Education Awards Committee	2012

Purdue Teacher Education Council	2011-2012
College of Education Graduate Committee	2011-2012

Vice-President Research and Development 2010-2012
Purdue Association of Educational Technology, Purdue University

President, Graduate Student Education Council (GSEC) 2010-2011
College of Education, Purdue University

Chair/ Conference Coordinator 2011
5th Annual Graduate Student Educational Research Symposium, Purdue University

Vice-President Information Technology 2009-2010
Purdue Association of Educational Technology, Purdue University

COMMUNITY SERVICE………...………………………………………………………………………

Principal, Islamic School of Muncie, Muncie, IN — 2014-2016
Vice Principal, Islamic School of Muncie, Muncie, IN — Fall 2013
Principal, Islamic School of Greater Lafayette, West Lafayette, IN — 2012
Teacher, Islamic School of Greater Lafayette, West Lafayette, IN — 2004-2013

REVIEWER………………………………………………………………………………………………..

Editorial Board Member, Journal of Research on Technology in Education (JRTE) — 2013-Present
Journal Reviewer, Journal of Research on Technology in Education — 2012-Present
Journal Reviewer, Computers and Education — 2012-Present
Journal Reviewer, Design Principles and Practices: An International Journal — 2010
Proposal Reviewer, AERA Annual Conference - SIG: Instructional Technology — 2008- Present
Proposal Reviewer, AECT Annual Conference — 2009- Present

HONORS & AWARDS

NATIONAL………………………………………………………………………………………………..

Distance Education Best Practice Award (3rd place) 2015
Awarded by the AECT Division of Distance Learning

AERA Division C New Faculty Mentoring Program (NFMP) 2015

Distance Education Best Journal Article Award 2013
Awarded by the AECT Division of Distance Learning

Presidential Service Award 2012
Awarded by the President of the AECT

Strohbehn Internship ($700, conference registration, and accommodation) 2011
Educational Communication Technology (ETC) Foundation, AECT, Jacksonville, FL

Mentor Endowment Scholarship ($3,000 and plaque) 2011
Educational Communication Technology (ETC) Foundation, AECT, Jacksonville, FL.

Building a Technology Research Agenda: An Early Career Symposium 2011
National Science Foundation (NSF) funded symposium hosted by the Research and Theory
Division of the AECT, Jacksonville, FL

UNIVERSITY...

ASPiRE Junior Faculty Research Grant ($14,000), Ball State University	2015
Scholarship of Teaching and Learning Fellowship ($500), Ball State University	2014-2015
ASPiRE New Faculty Startup Grant ($1500), Ball State University	2013
Bilsland Dissertation Fellowship Grant Award ($51,053), Purdue University	2011
Purdue Graduate Student Government Travel Grant ($250), Purdue University	2011

PROFESSIONAL AFFILIATIONS

Association for Educational Communications and Technology (AECT)	2007-Present
American Educational Research Association (AERA)	2009-Present
Society of Information Technology and Teacher Education (SITE)	2012-Present
Online Learning Consortium	2014-Present