

## Christopher J. Devers

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### EDUCATION

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- 2009 *University of Illinois at Urbana-Champaign, IL*  
Ph.D. Curriculum and Instruction  
Specialization: Learning, Technology, and Diversity  
Dissertation: Students' perspectives and learning from a cross-cultural online course: The influence of a critical pedagogical approach  
Committee: Marilyn Johnston-Parsons (chair), Bertram Bruce, Barbara Hug, and Bekisizwe Ndimande
- 2003 *Purdue University, West Lafayette, IN*  
M.S. Educational Administration  
Thesis: Teacher education programs and America's school systems  
Committee: Charles Kline (chair), P. John Georgeoff, and William McInerney
- 2000 *Purdue University, West Lafayette, IN*  
B.S. Engineering and Technology Education

### PROFESSIONAL INTERESTS

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Cognition and learning, technology, online education, video learning, scholarship of teaching and learning, sociocultural theory, critical pedagogy

### PROFESSIONAL POSITIONS

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- 2011 -- present *Indiana Wesleyan University*  
Director of Research, Center for Learning and Innovation
- 2014 -- present Associate Professor, School of Education
- 2011 -- 2014 Assistant Professor, School of Education
- 2016 -- present *Excelsia College*  
Director of Lumen Research Institute
- 2009 -- 2011 *University of San Diego*  
Assistant Professor (*graduate faculty*), Learning and Teaching

- University of Illinois at Urbana-Champaign*
- 2008 -- 2009 Research Assistant, Transformative Principal Leadership and Professional Learning
- 2006 -- 2007 Research Assistant, Digital Library Research Lab
- 2006 -- 2007 Teaching Assistant, Curriculum and Instruction
- Hamline University*
- 2008 -- 2009 Research Consultant, Center for Excellence in Urban Teaching
- Purdue University*
- 2004 -- 2006 Coordinator of Instructional Services, College of Liberal Arts
- 2001 -- 2003 Teaching Assistant, Computer and Information Technology
- 2001 -- 2003 Teaching Assistant, Mechanical Engineering Technology
- 2000 -- 2001 Teaching Assistant, Manufacturing Engineering Technology

## TEACHING

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- Indiana Wesleyan University*
- Spring 2015 Learning and Motivation
- University of San Diego*
- Spring 2012 Teaching with Technology in Diverse Communities (*graduate*)
- Spring 2011 Psychological Foundations of Education in a Diverse Society
- Spring 2011 Distance Education (*graduate*)
- Fall 2010 Learning and Technology (*graduate*)
- Fall 2010 Technology for Schools Leaders (*graduate*)
- Fall 2010 Psychological Foundations of Education in a Diverse Society
- Spring 2010 Distance Education (*graduate*)
- Fall 2009 Mastering New Technology (*graduate*)
- University of Illinois at Urbana-Champaign*
- Fall 2007 Issues and Development in Education: Teaching and Learning about Africa (*graduate*)
- Spring 2006 Content Area Applications of Educational Technology
- Fall 2006 Issues and Development in Education: Teaching and Learning about Africa (*graduate*)
- Fall 2006 Content Area Applications of Educational Technology
- Purdue University*
- Spring 2003 Personal Computing Technology and Applications
- Spring 2003 Manufacturing Processes II
- Spring 2003 Manufacturing Processes I
- Fall 2002 Personal Computing Technology and Applications
- Fall 2002 Manufacturing Processes II
- Fall 2002 Manufacturing Processes I
- Spring 2002 Personal Computing Technology and Applications

Spring 2002	Manufacturing Processes II
Fall 2001	Personal Computing Technology and Applications
Fall 2001	Manufacturing Processes I
Spring 2001	Computer Integrated Manufacturing
Fall 2000	Computer Integrated Manufacturing

## GRANTS

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- 2017 -- 2020 Inclusive Excellence in Undergraduate Science Education -- unfunded  
Amount: \$1,000,000  
Funding agency: Howard Hughes Medical Institute  
Description: supported underrepresented and underserved students by providing psychological, social, and academic support, while lowering pre-college and postsecondary barriers that have historically limited diversity in STEM programs.
- 2017 -- 2020 Culturally-Responsive Computer Science Education for Underserved and Underrepresented Rural Groups -- unfunded  
Amount: \$600,000  
Funding agency: National Science Foundation  
Description: incorporated computer science and computational thinking into K-6 schools/curriculum in rural environments for underserved and underrepresented student populations.
- 2016 -- 2017 Smartphone Student Success in STEM: Growth-mindset, Social-belonging, and Testing -- unfunded  
Amount: \$25,000  
Funding agency: Ball Venture Fund  
Description: optimized a smartphone app that promoted STEM student retention and success using empirically supported noncognitive and pedagogical interventions.
- 2016 -- 2017 Using Flipgrid to Support Evidence-Based Pedagogy -- unfunded  
Amount: \$500  
Funding agency: Flipgrid  
Description: scholarship of teaching and learning (SoTL) research that explored how Flipgrid supported evidence-based pedagogy in the classroom and increased student learning.
- 2015 -- 2016 An App Based Approach for Increasing Learning  
Amount: One-year app subscription (\$1,950 equivalent)  
Funding agency: Indiana Wesleyan University, Office of Institutional Research  
Description: experimental research explored sending weekly test questions to students through a mobile device.

- 2015 -- 2016    Growth-mindset and Social-belonging: An Innovative Solution for Student Success  
Amount: One-year app subscription (\$1,950 equivalent)  
Funding agency: Indiana Wesleyan University, Office of Institutional Research  
Description: experimental research explored the influence of growth-mindset and social-belonging on student success; the intervention was delivered using a mobile device over the course of a semester.
- 2011 -- 2012    Teaching Innovation Studio (Mobile Learning Center)  
Amount: \$510,000  
Funding agency: Dr. Irwin M. Jacobs (founder of Qualcomm)  
Description: provided funding for the center that researched and promoted mobile learning technologies in education.
- Fall 2011       Note-taking and Learning  
Amount: One course release (\$7,500 equivalent)  
Funding agency: University of San Diego, School of Leadership and Education Sciences  
Description: experimental research explored the influence of taking notes using two different mediums -- pen and paper versus a computer.
- Fall 2011       iPad's and the Classroom -- unfunded  
Amount: 15 iPads and one student technology assistant (\$10,000 equivalent)  
Funding agency: University of San Diego, Provost's office  
Description: explored the influence of iPads on learning.
- Fall 2010       Tinkering for Thinking!  
Amount: One course release (\$7,500 equivalent)  
Funding agency: University of San Diego, School of Leadership and Education Sciences  
Description: prepared a grant that explored a new approach to teaching and its influence on generalizable learning.
- Spring 2010     Second Life Learning Space  
Amount: One student technology assistant (\$2,000 equivalent)  
Funding agency: University of San Diego, Provost's office  
Description: developed a learning library in Second Life for student lesson plans and projects.
- Fall 2009       Wikiversity Templates  
Amount: One student technology assistant (\$2,000 equivalent)  
Funding agency: University of San Diego, Provost's office  
Description: developed Wikiversity lesson plan templates and developed a lesson plan repository.

**BOOK CHAPTERS** (\*refereed)

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- Devers, C. J., Devers, E. E., Oke, L. D. (accepted). Encouraging metacognition in digital learning environments. In D. Ifenthaler (Ed.), *Digital workplace learning* (pp. xx-xx). New York, NY: Springer.\*
- Garner, B., Devers, C. J., Reeves, T. C. (under review). Authentic digital performance in the assessment of student learning. In E. Boling, J. Elen, & V. Svihla (Eds.), *Handbook of Research in Educational Communications and Technology* (pp. xx-xx). New York, NY: Springer.\*
- Devers, C. J., & Devers, E. E. (2015). Developing a SoTL-based lesson. In R. Smith & B. Schwartz (Eds.), *Using SoTL to enhance the academic job* (pp. 34-43). Wakefield, RI: Society for the Teaching of Psychology.\*
- Devers, C. J., & Gurung, R. A. R. (2015). A critical perspective on gamification in education. In T. Reiners & L. Wood (Eds.), *Gamification in education and business* (pp. 417-430). New York, NY: Springer.\*
- Ramos, R., & Devers, C. J. (2014). iPad-enabled experiments in an undergraduate physics laboratory. In C. Miller & A. Doering (Eds.), *The new landscape of mobile learning: Redesigning education in an app-based world* (pp. 334-353). New York, NY: Routledge.\*
- Devers, C. J. (2012). Technology for school leaders. In P. Cordeiro & W. Cunningham (Eds.), *Educational leadership: A bridge to improved practice* (5th edition) (pp. 230-231). Boston, MA: Allyn & Bacon.\*

**JOURNAL ARTICLES** (\*refereed)

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- Son, J., Thai, K. P., Devers, C. J., Hoffman, J., & Kellman, P. (under review). Perceptual learning in early mathematics: Interacting with problem structure improves solving, mapping, and fluency. *Journal of Computer Assisted Learning*.\*
- Goss-Reaves, L., & Devers, C. J. (under review). Formal services that decreased stress in parents raising children with autism. *Qualitative Social Work*.\*
- Shepherd, D. S., & Devers, C. J. (under review). Principal perceptions of new teacher effectiveness. *Educational Administration Quarterly*.\*
- Devers, C. J., & Devers, E. E. (accepted). The wheel of discussion: A new approach to cold-calling. *International Journal on E-Learning*.\*
- Bakir, N., Devers, C. J., & Hug, B. (2016). Affordances and constraints of a blended course in a teacher professional development program. *Journal of Educational Multimedia and Hypermedia*, 25(4), 323-341.\*

- Bandi-Rao, S., & Devers, C. J. (2015). Developing MOOCs to narrow the college readiness gap: Challenges and recommendations for a writing course. *International Journal on E-Learning*, 14(3), 351-371.
- Cortez, D., Sharma, N., Devers, C. J., Devers, E. E., & Schlegel, T. (2014). Visual transform applications for estimating the spatial QRS-T angle from the conventional 12-lead ECG: Kors is still most Frank. *Journal of Electrocardiology*, 47(1), 12-19.\*
- Cortez, D., Sharma, N., Devers, C. J., Devers, E. E., & Schlegel, T. (2013). Visually estimating the spatial QRS-T angle from the conventional 12-lead ECG. *Journal of Electrocardiology*, 46(4), e13.\*
- Devers, C. J. (2011). Developing trust and openness in an online environment. *International Journal of Instructional Technology and Distance Learning*, 8(5), 17-28.\*
- Devers, C. J., Alayan, A., & Reaves, C. (in preparation). Online video learning: The influence of self-explanation. *Journal of Educational Multimedia and Hypermedia*.\*
- Devers, C. J., Hoffman, J., Lee, C., & Ragsdale, E. (in preparation). Note-taking and learning: Paper vs. computer. *Journal of Technology and Teacher Education*.\*
- Devers, C. J., & Ndimande, B. (in preparation). Using critical pedagogy in online environments: Lessons learned on two continents. *Educational Studies*.\*
- Oke, L., Jones, M., & Devers, C. J. (in preparation). Virtual reality: Adaptive and branching scenarios. *Journal of Interactive Learning Research*.\*
- Devers, E. E., Ramos, R., & Devers, C. J. (in preparation). Flipped classrooms: Performance of two courses. *Journal of Educational Computing Research*.\*

### **INVITED CONFERENCE PRESENTATIONS**

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- Devers, C. J. (2015, October). *MOOCs and open education around the world: A discussion of the resulting book and special issue*. Invited panel presentation at the World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Kona, HI.
- Devers, C. J. (2014, March). *What works!*. Invited presentation at the Midwest Scholars Conference, Indianapolis, IN.
- Devers, C. J. (2013, March). *Engaging in the scholarly pursuit of research and publication*. Invited presentation at the Midwest Scholars Conference, Indianapolis, IN.
- Devers, C. J. (2012, March). *I am not content: The future of education must come today*. Invited panel presentation at the Midwest Scholars Conference, Indianapolis, IN.

## KEYNOTE ADDRESSES AND INVITED PRESENTATIONS

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Devers, C. J. (2016, November). *Generating and following the evidence*. Invited presentation at the Indiana Wesleyan University Research and Evaluation of Methods and Practice, Marion, IN.

Devers, C. J. (2016, October). *Student success*. Invited presentation at the Indiana Wesleyan University Non-Residential Deans, Marion, IN.

Devers, C. J. (2016, October). *Research*. Invited presentation at the Indiana Wesleyan University Non-Residential Cabinet, Marion, IN.

Devers, C. J. (2016, March). *Best practices and pitfalls in assessment*. Invited presentation at the Indiana Wesleyan University Academic Affairs Assessment Retreat, Marion, IN.

Devers, C. J. (2015, December). *Changing lives*. Invited presentation at the Indiana Wesleyan University Non-Residential Cabinet, Marion, IN.

Devers, C. J. (2015, December). *Engaging in the scholarly pursuit of research and publication*. Invited presentation at the Indiana Wesleyan University Research and Evaluation of Methods and Practice, Marion, IN.

Devers, C. J. (2015, July). *Early childhood education*. Invited presentation at the Taylor University roundtable for early childhood education in Grant County, Upland, IN.

Devers, C. J. (2014, November). *Engaging in the scholarly pursuit of research and publication*. Invited presentation at the Indiana Wesleyan University Research and Evaluation of Methods and Practice, Indianapolis, IN.

Devers, C. J. (2014, August). *The scholarship of teaching and learning*. Invited presentation at the Indiana Wesleyan University Division of Liberal Arts Faculty Retreat, Marion, IN.

Devers, C. J. (2013, August). *What works!*. Keynote presentation at the Indiana Wesleyan University School of Social and Behavioral Sciences and Business Faculty Retreat, Hartford City, IN.

Devers, C. J. (2013, April). *Quantitative research design*. Invited presentation at the Indiana Wesleyan University Graduate Faculty Retreat, Hartford City, IN.

Devers, C. J. (2013, April). *Fostering scholarship*. Invited presentation at the Quarterly Meeting of the Graduate Deans of Central Indiana's Christian Universities, Marion, IN.

Devers, C. J. (2012, September). *Scholarship*. Invited presentation at the Indiana Wesleyan University College of Adult and Professional Studies Faculty Retreat, Marion, IN.

**CONFERENCES** (\*refereed)

- Devers, C. J., & Devers, E. E. (2017). The wheel of discussion: A new approach to cold-calling. In *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2017* (pp. xx-xx). Chesapeake, VA: AACE.\*
- Steenbergh, T., Daugherty, D., Devers, C. J., Oke, L., & Evey, K. (2017, May). *Nudging students toward success: Mobile delivery of social belonging and growth mindsets*. Poster presented at the Association for Psychological Science 29th Annual Convention, Boston, MA.\*
- Hayes, O., Evey, K., Ragsdale, E., Alayan, A., Cook, M., Gandy, K., Cobb, G., Devers, C.J., & Palmer, K. (2017, April). *MOOC success: Net promoter scores*. Paper presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.
- Hayes, O., Evey, K., Ragsdale, E., Alayan, A., Cook, M., Gandy, K., Cobb, G., Devers, C.J., Conrad, J., & Devers, E. E. (2017, April). *Written vs video response: The impact on learning*. Paper presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.
- Devers, C. J., E., Devers, E. E., Alayan, A., Ragsdale, E, Hayes, O., Cook, M., Evey, K., Cobb, A., Gandy, K., & Ngo, S. (2017, April). *An app-based approach for increasing learning*. Paper presented at the Midwestern Psychological Association, Chicago, IL.\*
- Tan, S., Devers, C. J., & Dowson, M. (2017, April). *University support services and acculturative stress*. Paper presented at the Midwestern Psychological Association, Chicago, IL.\*
- Steenbergh, T., Daugherty, D., Devers, C. J., & Oke, L. (2017, February). *mSuccess: A smartphone-based growth mindset and social belonging intervention*. Paper presented at the 36th Annual First-Year Experience, Atlanta, GA.\*
- Palmer, K., & Devers, C. J. (2017, January). Netpromoter scores as a measure of learner satisfaction in massive open online courses (MOOCs). Paper presented at *2017 International Conference on Education*, Maui, HI: Clute Institute.
- Devers, E. E., Devers, C. J., Alayan, A., & Ragsdale, E. (2016). Interleaved, distributed, and practice testing: Using smartphones to increase learning. In *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2016* (pp. 652-655). Chesapeake, VA: AACE.\*
- Devers, C. J., Daugherty, D., Steenbergh, T., Runyan, J., Oke, L., Alayan, A., & Ragsdale, E. (2016). Mindsets, smartphones, and student success. In *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2016* (pp. 648-651). Chesapeake, VA: AACE.\*



- Devers, C. J., Devers, E. E., Lehman, T. E., Steenbergh, T. A., Alayan, A., Ragsdale, E., Hayes, O., Evey, K., Cook, M., Cobb, G., Gandy, K., Reng, D., & Aitchison, M. (2016). Khan Academy: Learning and self-explanation. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2016* (pp. 1040-1044). Chesapeake, VA: AACE.\*
- Devers, C. J., Daugherty, D., Steenbergh, T., Runyan, J., Oke, L., & Alayan, A. (2016). Enhancing student success: Disseminating a growth-mindset and social-belonging intervention with smartphones. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2016* (pp. 1674-1677). Chesapeake, VA: AACE.\*
- Devers, C. J., Conrad, J., Devers, E. E., Cook, M. & Alayan, A. (2016). Video and written discussions. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2016* (pp. 1045-1048). Chesapeake, VA: AACE.\*
- Bakir, N., Devers, C. J., & Hug, B. (2016). Affordances and constraints of a blended course in a teacher professional development program. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2016* (pp. 1114-1126). Chesapeake, VA: AACE.\*
- Alayan, A., Devers, C. J., Lehman, T. E., Devers, E. E., Steenbergh, T. A., Ragsdale, E., Hayes, O., Cook, M., Evey, K., Cobb, G., Fulkerson, M., Hunter, H., Langebartels, K., Redwine, C., & Rhoton, S. (2016, May). *Learning with the Khan Academy*. Poster presented at the Association for Psychological Science 28th Annual Convention, Chicago, IL.\*
- Devers, C. J., Daugherty, D., Steenbergh, T., Runyan, J., & Alayan, A. (2016, May). *Mindsets, smartphones, and student success*. Poster presented at the Association for Psychological Science 28th Annual Convention, Chicago, IL.\*
- Devers, E. E., Devers, C. J., & Alayan, A. (2016, May). *Distributed, interleaved, and practice testing: Using smartphones to increase learning*. Poster presented at the Association for Psychological Science 28th Annual Convention, Chicago, IL.\*
- Devers, C. J., Lehman, T. E., Devers, E. E., Steenbergh, T. A., Alayan, A., Ragsdale, E., Hayes, O., & Ngo, A. (2016, May). *Online video learning with the Khan Academy*. Poster presented at the Midwestern Psychological Association, Chicago, IL.\*
- Devers, C. J., Daugherty, D., Steenbergh, T., Runyan, J., & Alayan, A. (2016, May). *Growth-mindset and social-belonging: An innovative solution for student success*. Paper presented at the Midwestern Psychological Association, Chicago, IL.\*
- Alayan, A., Ragsdale, E., Hayes, O., Cook, M., Evey, K., Cobb, G., Gandy, K., Reng, D., Devers, C.J., Lehman, T. E., Devers, E. E., Steenbergh, T. A. (2016, April). *Khan Academy: Using evidence-based techniques to improve learning*. Paper presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.

- Alayan, A., Evey, K., Hayes, O., Brown, M., Devers, C. J., Daugherty, D., Steenbergh, T., & Runyan, J. (2016, April). *Student success: The intersection of noncognitive domains and smartphones*. Paper presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.
- Alayan, A., Ragsdale, E., Hayes, O., Cook, M., Evey, K., Cobb, G., Devers, E. E., & Devers, C. J. (2016, April). *Using smartphones to increase learning*. Paper presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.
- Palmer, K., & Devers, C. J. (2016, March). *Moving paradigms: Net promoter scores(NPS) versus MOOC completion rates*. Poster presented at the Coursera Partners Conference, Den Haag, Netherlands.
- Devers, C. J., Alayan, A., Daugherty, D., Steenbergh, T., & Runyan, J. (2016, February). *mSuccess: Using smartphones to foster success among first-year students*. Poster presented at the 35th Annual First-Year Experience, Orlando, FL.\*
- Steenbergh, T., Daugherty, D., Devers, C. J., Runyan, J., Devers, E. E., & Fry, B. (2016, February). *mSuccess: Using smartphones to enhance student success, development, and learning*. Paper presented at the 35th Annual First-Year Experience, Orlando, FL.\*
- Devers, C. J., Hoffman, J., Lee, C., Ragsdale, E., & Devers, E. E. (2015). Note-taking: Paper versus computer. In *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015* (pp. 668-672). Chesapeake, VA: AACE.\*
- Tan, S., & Devers, C. J. (2015, April). *Acculturative stress in international students: The role of institutional factors*. Paper presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.
- Aitchison, M., Ragsdale, E., Pennington, L., Hayes, O., Alquiey, N., Tan, S., Ngo, A., Devers, C. J., Devers, E. E., Lehman, T., & Steenbergh, T. (2015, April). *Online video learning*. Paper presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.
- Devers, C. J., Lee, C., Hoffert, J., Devers, E. E., Burgos, S., & Davis, J. (2015). Follow me: A game-based approach to self-regulation. In D. Slykhuis & G. Marks (Eds.), *Proceedings of Society for Information and Technology Teacher Education 2015* (pp. 754-758). Chesapeake, VA: AACE.\*
- Kline, T., & Devers, C. J. (2014). Teachers' perceptions: Technology integration in a K-12 environment. In *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2014* (pp. 1037-1039). Chesapeake, VA: AACE.\*

- Townsend, R., Devers, C. J., & Lessly, C. (2014, November). *Elementary education majors' preparation for teaching music in the K-6 setting*. Paper presented at the Midwestern Educational Research Association, Chicago, IL.\*
- Devers, C. J., Alayan, A., Reaves, C., & Ragsdale, E. (2014). Khan academy learning. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2014* (pp. 1684-1687). Chesapeake, VA: AACE.\*
- Jones, M., & Devers, C. J. (2014). Virtual reality: Adaptive and branching scenarios. In *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2014* (pp. 2446-2449). Chesapeake, VA: AACE.\*
- Devers, C. J., Hoffman, J., Lee, C., & Ragsdale, E. (2014, May). *Note-taking and learning*. Paper presented at the Midwestern Psychological Association, Chicago, IL.\*
- Devers, C. J., Reaves, C., & Alayan, A. (2014, May) *Khan video learning*. Paper presented at the Midwestern Psychological Association, Chicago, IL.\*
- Devers, C. J., & Devers, E. (2014). Wheel of discussion. In M. Searson & M. Ochoa (Eds.), *Proceedings of Society for Information and Technology Teacher Education 2014* (pp. 1227-1229). Chesapeake, VA: AACE.\*
- Devers, C. J., & Devers, E. (2014, March). *Wheel of discussion*. Roundtable presented at the Society for Information and Technology Teacher Education Conference, Jacksonville, FL.\*
- Devers, C. J., Devers, E., Alayan, A., & Reaves, C. (2013). Online video learning: The effect of self-explanation. In T. Bastiaens & G. Marks (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2013* (pp. 649-652). Chesapeake, VA: AACE.\*
- Cortez, D., Sharma, N., Devers, C. J., Devers, E. E., Schlegel, T. (2013, August). *Visually estimating spatial QRS-T angle from the conventional 12-lead ECG*. Paper presented at the 40th International Congress on Electrocardiology, Glasgow, Scotland.\*
- Devers, C. J., Devers, E. E., Carmichael, E., Keen, J., Kuschman, H., Miller, E., Beerbower, K., Barfell, A., & Coffey, B. (2013). Using videos and self-explanation to foster deeper learning. In J. Herrington et al. (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2013* (pp. 1962-1965). Chesapeake, VA: AACE.\*
- Alayan, A., Carmichael, E., Garretson, C., Keen, J., Reaves, C., Devers, E. E., & Devers, C. J. (2013, April). *Video creation: The effects of self-explanation on learning*. Paper presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.

- Devers, C. J., Steenbergh, T., Devers, E., Brighton, R., Ayers, B., Carmichael, E., Keen, J. & Hannum, P. (2012). Social conformity in online environments: A comparison between text and video. In T. Bastiaens & G. Marks (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2012* (pp. 1777-1781). Chesapeake, VA: AACE.\*
- Brighton, R., Brooks, A., Carmichael, E., Hannum, P., Keen, J., Steenbergh, T., & Devers, C. J. (2012, April). *Social conformity in physical vs. virtual environments*. Paper presented at the Butler University Undergraduate Research Conference, Indianapolis, IN.
- Bremner, D., & Devers, C. J. (2012). Building background knowledge and using animations: A pathway to critical thinking in a science classroom. In P. Resta (Ed.), *Proceedings of Society for Information and Technology Teacher Education 2012* (pp. 4504-4509). Chesapeake, VA: AACE.\*
- Devers, C. J. (2011). Tensions within a cross-cultural online course. In *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2011* (pp. 1890-1894). Chesapeake, VA: AACE.\*
- Devers, C. J. (2011). Diverse ideas and experiences: Learning in a cross-cultural online environment. In T. Bastiaens & M. Ebner (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2011* (pp. 2401-2406). Chesapeake, VA: AACE.\*
- Devers, C. J. (2011). A critical pedagogy approach to online education: What we learned from a U.S./South African course. In S. Barton et al. (Eds.), *Proceedings of Global Learn Asia Pacific 2011* (pp. 2199-2204). Chesapeake, VA: AACE.\*
- Byrne-Jimenez, M., Hernandez, F., Mendez-Morse, S., Murakami-Ramalho, E., & Devers, C. J. (2008, October). Exploring Latina/o leadership: Questions of identity, advocacy and succession. In G. Lopez (chair), *Exploring Latina/o leadership: Questions of identity, advocacy and succession*. Symposium conducted at the meeting of University Council for Educational Administration, Orlando, FL.\*
- Dalmau, M., Karle-Zenith, A., Foulonneau, M., Miller, K., Cole, T. W., & Devers, C. J. (2007, April). *Soliciting user response to aggregated metadata portal design*. Poster session presented at the Digital Library Federation, Pasadena, CA.\*

## **PRESS AND MEDIA COVERAGE**

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- Devers, C. J. (2016, December). Challenges persist when gamifying education. *Education Dive*. Retrieved from <http://www.educationdive.com/news/challenges-persist-when-gamifying-education/430817/>

- Devers, C. J. (2016, October). Flipgrid supports evidence-based practices. *Flipgrid Blog*. Retrieved from <http://blog.flipgrid.com/news/2016/10/5/flipgrid-supports-evidence-based-practices>
- Devers, C. J. (2014, November). Midwest Scholars conference. *Mendeley Blog*. Retrieved from <http://blog.mendeley.com/mendeley-advisors/midwest-scholars-conference/>
- Devers, C. J. (2014, May). Teaching teachers to use Mendeley to teach. *Mendeley Blog*. Retrieved from <http://blog.mendeley.com/mendeley-use-case/teaching-teachers-to-use-mendeley-to-teach/>
- Devers, C. J. (2013, September). Note-taking: Unplugged?. *The Sojourn*. Retrieved from <http://www.iwusojourn.com/2013/09/12/note-taking-unplugged/>
- Devers, C. J. (2013, February). Educating the “shifting sands.” *IWU Spectrum*. Retrieved from <http://www.iwuspectrum.com/educating-in-the-shifting-sands/>
- Devers, C. J. (2009, October). Transforming education in the age of digital literacy. *Horizons News Magazine*, 2-4.
- Devers, C. J. (2007, April). Interview by H. K. Lee [Video recording]. Literacy in the information age, Illinois Digital Environment for Access to Learning and Scholarship. IDEALS Archives, Urbana, IL. Retrieved from <http://www.ideals.illinois.edu/handle/2142/13639>

## BOOK REVIEWS

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- Oke, L., & Devers, C. J. (2015, September). MOOCs and open education [Review of the book *MOOCs and open education around the world*, Routledge, 2015, by C. J. Bonk, M. M. Lee, T. C. Reeves, & T. H. Reynolds]. *Commonwealth of Learning*, 1(3), 17. Retrieved from <http://tinyurl.com/oke-devers>

## WORKSHOPS

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- Devers, C. J. (2016, December). *Hour of code: Introduction to coding and computer science*. Workshop presented at Marion Public Library, Marion, IN.
- Devers, C. J. (2016, November). *What works!*. Workshop presented at Indiana Wesleyan University, Marion, IN.
- Devers, C. J. (2016, October). *What works!*. Workshop presented at Indiana Wesleyan University, Marion, IN.
- Devers, C. J. (2015, December). *Hour of code: Introduction to coding and computer science*. Workshop presented at Marion Public Library, Marion, IN.

Devers, C. J. (2015, December). *Hour of code: Introduction to coding and computer science*. Workshop presented at Madison-Grant High School, Fairmount, IN.

Devers, C. J. (2015, December). *Hour of code: Introduction to coding and computer science*. Workshop presented at Eastbrook High School, Marion, IN.

Devers, C. J. (2015, December). *Hour of code: Introduction to coding and computer science*. Workshop presented at Oak Hill High School, Converse, IN.

Devers, C. J. (2015, December). *Research and publishing*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2015, September). *Organizing research*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2015, May). *Flipgrid: An interactive video tool*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2014, November). *Psychometrics*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2014, October). *Research in practice*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2014, September). *Responding to reviewers' comments*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2014, January). *Building a research team*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2013, September). *Building a scholarly research and publication agenda*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2013, April). *Advanced Mendeley*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2012, November). *Mendeley basics*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2012, April). *Mendeley basics*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2012, May). *Learning and etext*. Workshop presented at Indiana Wesleyan University, Marion, IN.

Devers, C. J. (2010, May). *Research management using Mendeley*. Workshop presented at the University of San Diego School of Leadership and Education Sciences, San Diego, CA.

Devers, C. J. (2010, April). *Second Life and education*. Workshop presented at the University of San Diego School of Leadership and Education Sciences, San Diego, CA.

## **ACADEMIC HONORS**

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- 2007 *University of Illinois* Qualifying Exam Awarded Special Commendation
- 2002 *Purdue University* Outstanding Graduate Teaching Assistant: College of Technology
- 2002 *Purdue University* Outstanding Graduate Teaching Assistant: Mechanical Engineering Technology Department
- 2001 Inducted into *Purdue University's* Great Book of Teachers
- 2001 *Purdue University* Outstanding Graduate Teaching Assistant: Mechanical Engineering Technology Department

## **SERVICE**

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- 2014 -- present Executive committee member, E-Learn
- 2014 -- present Co-chair with Charlie Miller of E-Learning Trends and Innovations SIG, E-Learn
- 2012 -- present Advisory board member, Epiphany Prep
- 2011 -- present Taskforce on Advancing Pedagogical Science, Society for the Teaching of Psychology
- 2010 -- present Advisory board member, Magnolia Science Academy
- 2009 -- 2011 Communication director Phi Delta Kappa USD chapter
- 2009 -- 2010 Co-chair Digital Media and Learning Committee
- 2009 -- 2010 Co-chair Joint doctorate program between USD and SDSU

## **REVIEWER**

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- 2016 -- present Journal of Research in Innovative Teaching and Learning
- 2016 -- present International Journal of Media, Technology, and Lifelong Learning
- 2015 -- present Scholarship of Teaching and Learning in Psychology
- 2014 -- present E-Learning Trends and Innovations SIG, E-Learn

## **ADVISEES**

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- 2014 -- 2015 Samantha Tan, B.S. -- Indiana Wesleyan University
- 2010 -- 2014 Jessica Hoffman, M.Ed. -- University of San Diego (courtesy appointment at USD)
- 2010 -- 2011 Danielle Bremner, M.S. -- University of San Diego

## **PROFESSIONAL AFFILIATIONS**

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- 2016 -- present Society for the Teaching of Psychology
- 2016 -- present Association for the Psychological Science
- 2011 -- present Midwestern Psychological Association
- 2009 -- present Association for the Advancement of Computing in Education
- 2008 -- present American Education Research Association