

CURRICULUM VITAE

University of Idaho

NAME: Tonia A. Dousay

DATE: 01.25.2020

RANK OR TITLE: Associate Professor; Associate Dean

DEPARTMENT: Curriculum & Instruction; College of Education, Health & Human Sciences

OFFICE LOCATION AND CAMPUS ZIP: ED 505, MS 3080

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WEB: <http://learninginterest.com/>

DATE OF FIRST EMPLOYMENT AT UI: August 2017

DATE OF TENURE: August 2019

DATE OF PRESENT RANK OR TITLE: August 2019; March 2020

EDUCATION BEYOND HIGH SCHOOL

Degrees

Ph.D., 2013, Learning, Design, & Technology, University of Georgia, Athens, GA

M.S., 2000, Agricultural Education, Texas A&M University, College Station, TX

B.S., 1999, Agricultural Science, Texas A&M University, College Station, TX

Certificates and Licenses

Google for Education Certified Trainer; 2018

Google Certified Trainer Skills; 2017

Apple Teacher; 2017

Google Certified Educator Level 1, Level 2; 2016

Google for Education Certified Innovator; 2014

Texas Educator Certificate, Vocational Agriculture Production (Grades 6-12); 1999

EXPERIENCE

Teaching, Extension and Research Appointments:

Associate Professor of Learning Sciences; University of Idaho; Department of Curriculum & Instruction; Moscow, ID: 2019 – Present

Assistant Professor of Learning Sciences; University of Idaho; Department of Curriculum & Instruction; Moscow, ID: 2017 – 2019

Adjunct Instructor; Abilene Christian University; School of Educational Leadership; Dallas, TX; Summer 2017, 2018, 2020

Assistant Professor of Learning, Design, & Technology; University of Wyoming; School of Counseling, Leadership, Advocacy, and Design; Laramie, WY: 2013 – 2017

Adjunct Instructor; James Madison University; Learning, Technology & Leadership Education Department; Harrisonburg, VA: 2012 – 2013

Instructor; Blinn College; Applied Business Program; Bryan, TX: 2009 – 2009

Academic Administrative Appointments:

Associate Dean of Accreditation and Inclusion, University of Idaho College of Education, Health & Human Sciences; Moscow, ID 2020 – Present

Non-Academic Employment including Armed Forces

eLearning Manager, Texas A&M Engineering Extension Service; College Station, TX: 2006 – 2009

Instructional Design Specialist, Texas A&M Engineering Extension Service; Engineering, Utilities, & Public Works Training Institute; College Station, TX: 2001 – 2006

Consulting

Instructional Design Consultant, MoWerks Learning; Athens, GA: 2010 – 2013

TEACHING ACCOMPLISHMENTS:**Areas of Specialization:** Learning Sciences, STEM/STEAM Education, Technology Integration, Emerging Technology, Curriculum and Instruction**Courses Taught**University of Idaho

EDCI 201	Contexts of Learning (Spring 2018, Spring 2020), <i>F2F; ERT¹</i>
EDCI 301	Learning, Development, & Assessment (Summer 2018, Summer 2019, Summer 2020), <i>Online</i>
EDCI 329	Elementary Science Methods (Spring 2020), <i>F2F; ERT¹</i>
EDCI 433	Secondary Science Methods (Fall 2017, Fall 2018, Fall 2020), <i>Hybrid</i>
EDCI 443	Secondary Science Methods Practicum (Fall 2018, Fall 2019, Fall 2020), <i>Hybrid/Hyflex</i>
EDCI 404/504	Special Topics: Curriculum Development for Diverse Learners (Spring 2019), <i>Online</i>
EDCI 404	Special Topics: Google Bootcamp (Summer 2020), <i>Online</i>
EDCI 404	Special Topics: Science Education Methods (Fall 2019), <i>Hybrid</i>
EDCI 590	Computer Science Methods (Summer 2019), <i>Hybrid</i>
EDCI 591	Computer Science Practicum (Summer 2019), <i>Hybrid</i>
ED 573	Action Research (Spring 2018, Spring 2019), <i>Hybrid</i>
ED 604	Special Topics: Doctoral Seminar (Spring 2021), <i>Hybrid</i>

Abilene Christian University

EDUO 678	Instructional Design and Technology (Summer 2017, Summer 2018, Summer 2020), <i>Online</i>
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University of Wyoming

ITEC 1101	First Year Seminar: Making, Hacking, & Tinkering: Creating in the Modern World (Fall 2016), <i>F2F</i>
ITEC 1101	First Year Seminar: Taking Control of Your Digital Image (Summer 2016, Summer 2017), <i>Online</i>
ITEC 2360	Teaching with Technology (Fall 2013-Spring 2017), <i>F2F</i>
ITEC 4340	Integrating Technology in Teaching (Summer 2013, Summer 2016), <i>Online</i>
ITEC 5120	Media Workshop in Digital Imaging (Summer 2015), <i>Online</i>
ITEC 5120	Media Workshop in P12 Grant Writing (Summer 2014), <i>Online</i>
ITEC 5160	Introduction to Instructional Design (Fall 2013), <i>Online</i>
ITEC 5320	Message Design (Spring 2015, Spring 2016, Spring 2017), <i>Online</i>
ITEC 5350	Multimedia Development (Spring 2014, Spring 2015, Spring 2016, Spring 2017), <i>Online</i>
ITEC 5870	Seminar on Message Design (Spring 2014), <i>Online</i>
PRST 5610	Introduction to Doctoral Studies (Fall 2015, Fall 2016), <i>Hybrid</i>

James Madison University

LTLE 150	Information in Contemporary Society (Spring 2013), <i>Online</i>
LTLE 370	Instructional Technology (Fall 2012, Spring 2013), <i>Online</i>

University of Georgia

EDIT 9990	Information Design (Spring 2012; Co-Instructor), <i>Hybrid</i>
EDIT 7550	Managing Instructional Technology Projects (Summer 2012; Co-Instructor), <i>Online</i>
EDIT 2000	Introduction to Computers for Teachers (Spring 2011), <i>F2F</i>

Blinn College

BMGT 2305	Business Communications (Spring 2009), <i>F2F</i>
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¹ ERT – Emergency Remote Teaching

Students Advised

Undergraduate Students

2020-2021 – 8 students
2019-2020 – 13 students
2018-2019 – 14 students
2017-2018 – 1 student
2016-2017 – 17 students
2015-2016 – 26 students
2014-2015 – 17 students
2013-2014 – 8 students

Graduate Students

Advised to completion of *master's* degree-major professor:

██████████, MEd Curriculum & Instruction, University of Idaho, TBD
██████████, MEd Curriculum & Instruction, University of Idaho, TBD
██████████, MEd Curriculum & Instruction, University of Idaho, TBD
██████████, MEd Curriculum & Instruction, University of Idaho, TBD
██████████, MAT Secondary Education, TBD
██████████, MEd Curriculum & Instruction, University of Idaho, 2020
██████████, MEd Curriculum & Instruction, University of Idaho, 2020
██████████, MEd Curriculum & Instruction, University of Idaho, 2020
██████████, MEd Curriculum & Instruction, University of Idaho, 2020
██████████, MS Natural Sciences, University of Wyoming, 2017
██████████, MS Instructional Technology, University of Wyoming, 2017
██████████, MS Instructional Technology, University of Wyoming, 2017
██████████, MS Instructional Technology, University of Wyoming, 2017
██████████, MS Instructional Technology, University of Wyoming, 2016
██████████, MS Instructional Technology, University of Wyoming, 2016
██████████, MS Instructional Technology, University of Wyoming, 2016
██████████, MS Instructional Technology, University of Wyoming, 2016
██████████, MS Instructional Technology, University of Wyoming, 2014²
██████████, MS Adult Education, University of Wyoming, 2014
██████████, MS Instructional Technology, University of Wyoming, 2014²
██████████, MS Instructional Technology, University of Wyoming, 2014

Advised to completion of *doctoral* degree-major professor:

██████████, PhD, Education, University of Idaho, TBD
██████████, PhD, Education, University of Idaho, TBD
██████████, PhD, Education, University of Idaho, TBD
██████████, PhD, Education, University of Idaho, TBD
██████████, PhD, Education, University of Idaho, TBD
██████████, PhD, Education, University of Idaho, TBD
██████████, PhD, Education, University of Idaho, TBD
██████████, PhD, Education, University of Idaho, 2018
██████████, PhD Learning, Design, & Technology, University of Wyoming, 2018 (Co-chair)
██████████, PhD Instructional Technology, University of Wyoming, 2014² (Co-chair)

Served on *master's* graduate committee:

██████████, MS Agricultural Education, University of Idaho, TBD
██████████, MS Agricultural Education, University of Idaho, TBD
██████████, MS Integrated Architecture and Design, University of Idaho, 2020
██████████, MEd Curriculum & Instruction, University of Idaho, 2020
██████████, MEd Curriculum & Instruction, University of Idaho, 2019
██████████, MA Curriculum & Instruction, University of Wyoming, 2017

² Submitted for publication with student

[REDACTED], MS Adult Education, University of Wyoming, 2017
 [REDACTED], MS Adult Education, University of Wyoming, 2017
 [REDACTED], MA Communication, University of Wyoming, 2017
 [REDACTED], MS Adult Education, University of Wyoming, 2017
 [REDACTED], MS Adult Education, University of Wyoming, 2017
 [REDACTED], MS Adult Education, University of Wyoming, 2015
 [REDACTED], MS Adult Education, University of Wyoming, 2015
 [REDACTED], MS Adult Education, University of Wyoming, 2015
 [REDACTED], MA Curriculum & Instruction, University of Wyoming, 2015
 [REDACTED], MA Curriculum & Instruction, University of Wyoming, 2015
 [REDACTED], MS Natural Sciences, University of Wyoming, 2015
 [REDACTED], MS Instructional Technology, University of Wyoming, 2014
 [REDACTED], MS Instructional Technology, University of Wyoming, 2014
 [REDACTED], MS Instructional Technology, University of Wyoming, 2014

Served on *doctoral* graduate committee:

[REDACTED], PhD Computer Science, University of Idaho, TBD
 [REDACTED], PhD Education, University of Idaho, TBD
 [REDACTED], EdD Education, University of Idaho, TBD
 [REDACTED], PhD Education, University of Idaho, TBD
 [REDACTED], PhD Education, University of Idaho, TBD
 [REDACTED], PhD Education, University of Idaho, TBD
 [REDACTED], PhD Education, University of Idaho, TBD
 [REDACTED], PhD Education, University of Idaho, TBD
 [REDACTED], EdD Educational Technology Leadership, Morehead State University, 2020³
 [REDACTED], PhD Curriculum & Instruction, University of Wyoming, 2019³
 [REDACTED], EdD Literacy, Sam Houston State University, 2019³
 [REDACTED], PhD Curriculum & Instruction, University of Idaho, 2019
 [REDACTED], EdD Learning, Design, & Technology, University of Wyoming, 2017³
 [REDACTED], EdD Adult Education, University of Wyoming, 2017

Materials Developed

- Dousay, T. A. (2016). Using Camtasia and segmented videos to foster student autonomy and engagement in an online course. YouTube Tutorials. <https://www.youtube.com/watch?v=rGUAhxpMa8A>
- Dousay, T. A. (2016). *Fun with PiZap*. YouTube Tutorials. <https://www.youtube.com/watch?v=VyfN8VW8kLE>
- Dousay, T. A. (2015). *Using Tweetdeck to follow & participate in an #edchat*. YouTube Tutorials. <https://www.youtube.com/watch?v=3C1fCRikRmk>
- Dousay, T. A. (2014). *How to use University Libraries to find peer-reviewed journal articles*. YouTube Tutorials. <https://www.youtube.com/watch?v=Wlcs4uZDCs8>
- Dousay, T. A. (2013). *Turning photo & video grid on and off in iOS7*. YouTube Tutorials. <https://www.youtube.com/watch?v=pbSd1GD6yxY>
- Dousay, T. A. (2012). *Configuring JMU Educ in Dreamweaver CS6*. YouTube Tutorials. <https://www.youtube.com/watch?v=zMvtX YZ5OgA>
- Dousay, T. A. (2012). *Creating a composite in Photoshop CS6*. YouTube Tutorials. <https://www.youtube.com/watch?v=AXfq3ya0Wgg>
- Dousay, T. A. (2012). *Creating a root folder structure*. YouTube Tutorials. <https://www.youtube.com/watch?v=MKQOD8DI0fA>
- Dousay, T. A. (2012). *Laying out a website in Photoshop CS6*. YouTube Tutorials. <https://www.youtube.com/watch?v=fpXwficyOYE>
- Dousay, T. A. (2012). *Postcards from college*. Collaborative Examples. <https://www.youtube.com/watch?v=q2IzoJksQgQ>

- Dousay, T. A. (2012). *Publishing and uploading video projects*. YouTube Tutorials.
<https://www.youtube.com/watch?v=N05PuBiTguo>
- Dousay, T. A. (2012). *Setting Photoshop CS6 preferences*. YouTube Tutorials.
https://www.youtube.com/watch?v=zN4_maNK-1I
- Dousay, T. A. (2012). *Slicing an image in Photoshop CS6*. YouTube Tutorials.
<https://www.youtube.com/watch?v=2A0OhnVWhuM>
- Dousay, T. A. (2012). *Using Dreamweaver CS6 to edit a sliced file*. YouTube Tutorials.
<https://www.youtube.com/watch?v=Bvl-YJxFSF4>

Courses Developed

University of Idaho

ED 573	Action Research
ED 6XX	Doctoral Seminar (in approval process)
EDCI 433	Secondary Science Methods
EDCI 404/504	ST: Curriculum Development for Diverse Learners
EDCI 404	ST: Google Bootcamp
EDCI 404	ST: Science Education Methods
EDCI 499	DS: Educational Technology Product Evaluation
EDCI 499	DS: Social Studies Education and Technology Integration

University of Wyoming

ITEC 1101	First Year Seminar: Making, Hacking, & Tinkering: Creating in the Modern World
ITEC 2360	Teaching with Technology
ITEC 4340	Integrating Technology in Teaching
ITEC 5120	Media Workshop in Digital Imaging
ITEC 5120	Media Workshop in P12 Grant Writing
ITEC 5320	Message Design
ITEC 5350	Multimedia Development
PRST 5610	Introduction to Doctoral Studies

James Madison University

LTLE 150	Information in Contemporary Society
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Blinn College

BMGT 2305	Business Communications
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Non-credit Classes, Workshops, Demonstrations, Seminars, Invited Lectures, etc.

Notes, Plenaries, & Talks

- Dousay, T. A. (2020, August). *Managing chaotic orbits: Enhancing your academic workload with proven project management strategies [Plenary]*. National Astronomy Teaching Summit. Long Beach, CA (Conference canceled)
- Dousay, T. A. (2018, November). *Fostering a culture of innovation [Keynote]*. Wyoming Innovations in Learning Conference. Evanston, WY
- Dousay, T. A. (2018, October). *Curiosity, makerspaces, & innovation [Invited talk]*. Northern Illinois University Graduate Student Colloquium. DeKalb, IL
- Dousay, T. A. (2016, November). *Learn something new every day [Capnote]*. Wyoming Extension Professional Improvement Conference (EPIC). Evanston, WY
- Dousay, T. A. (2008, October). *eLearning development [Plenary]*. Texas Commission on Law Enforcement Officer Standards and Education (TCLEOSE) Training Coordinator's Conference. Corpus Christi, TX

K12 Camps/Workshops

- Davis, M. A., Dousay, T. A., & Zhu, Y. (2019, January). *Robotics for elementary students [Interactive demonstration]*. 6th Annual STEM Matters! at the Capitol. Boise, ID
- Dousay, T. A. (2018, May). *Cardboard pinball wizard (4th grade) [Workshop]*. University of Wyoming Library Innovation Center. Laramie, WY
- Dousay, T. A. (2017, June). *Be a bridge architect (6th-8th grade) [Summer camp]*. Knowledge Enrichment for Youth (KEY) Camp. Casper, WY
- Dousay, T. A. (2017, June). *Robot visions (6th-8th grade) [Summer camp]*. Knowledge Enrichment for Youth (KEY) Camp. Casper, WY
- Dousay, T. A. (2016, June). *Full STEAM Ahead: Painting with programming [Interactive demonstration]*. 2nd Annual National Maker Faire. Washington, DC
- Shepherd, C. E., Smith, Shannon, & Dousay, T. A. (2016, May). *Painting with programming [Interactive demonstration]*. Women in STEM Conference. Laramie, WY
- Dousay, T. A. (2015, October). *Skulls & [cross]bones with WyoMakers [Interactive demonstration]*. NoCo Mini Maker Faire. Loveland, CO
- Dousay, T. A. (2015, June). *A heritage of making comics [Interactive demonstration]*. 1st Annual National Maker Faire. Washington, DC
- Dousay, T. A., & Smith, S. (2014, November). *Grant Seeking & Writing for P12 Teachers [Workshop]*. Association for Educational Communications & Technology Annual Convention. Jacksonville, FL

Teacher Professional Development

- Dousay, T. A. (2019, August). *Warming up with add-ons & extensions for Google apps [Public workshop]*. Boundary County School District 101. Bonners Ferry, ID
- Dousay, T. A. (2019, August). *Google Classroom bootcamp [Inservice workshop]*. State of Idaho Career & Technical Education REACH Conference. Boise, ID
- Dousay, T. A. (2019, August). *Google + OER for workforce education [Public workshop]*. State of Idaho Career & Technical Education REACH Conference. Boise, ID
- Dousay, T. A. (2019, August). *Getting started with Google essentials [Public workshop]*. State of Idaho Career & Technical Education REACH Conference. Boise, ID
- Dousay, T. A. (2018, December). *Google fundamentals for certification [Public workshop]*. Idaho Transforming Teaching & Learning Conference. Coeur d'Alene, ID
- Dousay, T. A. (2018, December). *Google Classroom meets OER [Public workshop]*. Idaho Transforming Teaching & Learning Conference. Coeur d'Alene, ID
- Dousay, T. A. (2018, November). *Google fundamentals for certification [Public workshop]*. Idaho Transforming Teaching & Learning Conference. Lewiston, ID
- Dousay, T. A. (2018, November). *Google Classroom meets OER [Public workshop]*. Idaho Transforming Teaching & Learning Conference. Lewiston, ID
- Dousay, T. A. (2018, October). *Google fundamentals for certification [Public workshop]*. Idaho Transforming Teaching & Learning Conference. Twin Falls, ID
- Dousay, T. A. (2018, October). *Google Classroom meets OER [Public workshop]*. Idaho Transforming Teaching & Learning Conference. Twin Falls, ID
- Dousay, T. A. (2018, June). *Integrating Sphero for STEAM learning [Workshop strand]*. Idaho STEM Action Center i-STEM Summer Institute. Nampa, ID
- Dousay, T. A. (2018, February). *Collaborating & curating your way to OER in the classroom [Public workshop]*. UI Doceo Center Open Education Roadshow. Moscow, ID
- Dousay, T. A. (2018, February). *Incorporating the use of OER into Google Classroom [Public workshop]*. UI Doceo Center Open Education Roadshow. Moscow, ID

- Dousay, T. A. (2018, February). *Collaborating & curating your way to OER in the classroom [Public workshop]*. UI Doceo Center Open Education Roadshow. Moscow, ID
- Hall, C. S., & Dousay, T. A. (2018, January). *Implementing artificial intelligence (AI) in the classroom [Inservice workshop]*. Mullan School District #392. Mullan, ID
- Hall, C. S., Dousay, T. A., & Shawon, F. (2017, September). *Osmo & augmented reality (AR) to support elementary STEM learning [Inservice workshop]*. Clearwater Valley Elementary School. Kooskia, ID
- Dousay, T. A. (2017, May). *A beginner's guide to 3D printing in the classroom [Public workshop]*. Wyoming Technology-Engagement-Curriculum Connection (WyTECC) Annual Conference. Green River, WY
- O'Donnell, J., & Dousay, T. A. (2017, May). *Build Your Own PD (BYOPD) [Public workshop]*. Wyoming Technology-Engagement-Curriculum Connection (WyTECC) Annual Conference. Green River, WY
- Dousay, T. A. (2016, June). *Go paperless (relatively) painless [Google Playground]*. International Society for Technology in Education 2016 Conference and Expo. Denver, CO
- Dousay, T. A. (2016, June). *Creating comics with Google Slides & Drawings [Public workshop]*. EdTechTeam Wyoming Summit Featuring Google for Education. Riverton, WY
- Dousay, T. A. (2016, June). *Herding cats with Google Apps [Public workshop]*. EdTechTeam Wyoming Summit Featuring Google for Education. Riverton, WY
- Dousay, T. A. (2016, May). *Cardboard arcade: Level up with STEM [Public workshop]*. Wyoming Technology-Engagement-Curriculum Connection (WyTECC) Annual Conference. Green River, WY
- Dousay, T. A. (2016, February). *Technology enhanced active learning strategies [Public workshop]*. 1st Annual Wyoming K16 All Sciences Summit. Casper, WY
- Dousay, T. A. (2015, October). *From the Avengers to Zod: Unmasking comics and multiliteracies in the classroom [Public workshop]*. University of Wyoming Literacy Education Conference. Laramie, WY
- Dousay, T. A., Hamilton, A. J., & Brooks, A. (2015, May). *Brining the maker movement to your classroom [Presentation]*. Google Edu On Air 2015 Conference. <https://educationonair.withgoogle.com/live/2015-may/day2/td005>
- Dousay, T. A., & O'Donnell, J. (2015, May). *Your superhero sidekicks: Google add-ons & extensions [Public workshop]*. Wyoming Technology-Engagement-Curriculum Connection (WyTECC) Annual Conference. Rock Springs, WY
- Faculty/Graduate Student Professional Development
- Dousay, T. A. (2020, August). *Engagement tools & strategies for the virtual and traditional classroom [Invited workshop]*. Casper College Digital Learning Center. Casper, WY (Event canceled)
- Dousay, T. A. (2020, August). *Assessing and evaluating learning outside of the box [Invited workshop]*. Casper College Digital Learning Center. Casper, WY (Event canceled)
- Dousay, T. A. (2020, August). *Going the distance: Getting started with and enhancing online teaching practices [Invited workshop]*. National Astronomy Teaching Summit. Long Beach, CA (Conference canceled)
- Dousay, T. A. (2019, August). *Online practices and pedagogy [Invited workshop]*. Casper College Digital Learning Center. Casper, WY
- Dousay, T. A. (2019, August). *Innovations in education [Invited workshop]*. Casper College Digital Learning Center. Casper, WY
- Hall, C. S., & Dousay, T. A. (2019, April). *Artificial intelligence & emerging technology for the 21st century classroom [Invited lecture]*.

- Dousay, T. A. (2018, March). *Mistaking disenchantment for truth: How do we measure learner engagement?* [Webinar]. Association of Educational Communications and Technology [Learner Engagement SIG]. <https://vimeo.com/album/3316648/video/263342111>
- Krutka, D. G., Gleason, B., Dousay, T. A., Carpenter, J. P., & Greenhalgh, S. P. (2018, February). *Social media in education* [Webinar]. Society for Information Technology & Teacher Education. <https://www.learntechlib.org/view/182352/>
- Dousay, T. A., Walker, B., Cates, W., & Murtaugh, M. C. (2017, November). *Everything you ever wanted to know about the mentoring relationship* (*but were afraid to ask)* [Workshop]. Association for Educational Communications & Technology Annual Convention. Jacksonville, FL
- Dousay, T. A. (2017, February). *Assessing learning through backward design* [Invited workshop]. University of Wyoming Ellbogen Center for Teaching and Learning. Laramie, WY
- Dousay, T. A. (2016, October). *Create your own interactive instructional videos with Camtasia & YouTube* [Workshop]. Association for Educational Communications & Technology Annual Convention. Las Vegas, NV
- Dousay, T. A. (2016, September). *Going Google-y* [Invited workshop]. University of Wyoming Ellbogen Center for Teaching and Learning TNT Lunchbox Series. Laramie, WY
- Dousay, T. A. (2015, April). *Using social media in the classroom* [Panel]. University of Wyoming Ellbogen Center for Teaching and Learning. Laramie, WY
- Dousay, T. A. (2015, March). *Ideas for incorporating technology in the classroom* [Panel]. University of Wyoming Ellbogen Center for Teaching and Learning. Laramie, WY
- Dousay, T. A. (2015, April). *Using Camtasia and segmented videos to foster student autonomy and engagement in an online course* [Invited workshop]. University of Wyoming Ellbogen Center for Teaching and Learning. Laramie, WY
- Industry Professional Development**
- Dousay, T. A. (2020, September). *Inclusive virtual workflows and partnerships* [Invited virtual presentation]. Federal Executive Board. Chicago, IL
- Dousay, T. A. (2020, August). *Teaching and creating with technology for public safety* [Invited workshop]. State of Oregon Department of Public Safety Standards and Training. Salem, OR (Event canceled)
- Dousay, T. A. (2020, July). *Inclusive virtual meetings* [Invited virtual presentation]. Federal Executive Board. Chicago, IL
- Maddrell, J., & Dousay, T. A. (2018, May). *Design in the open* [Webinar]. eMerge Africa. <https://emergeafrica.net/17-may-design-in-the-open/>
- Branch, R. M., & Dousay, T. A. (2017, January). *Survey of instructional design models* [Webinar]. eMerge Africa. <https://emergeafrica.net/30-january-3-february-survey-of-instructional-design-id-models-seminar/>
- Dousay, T. A. (2016, December). *Teaching & creating with technology* [Invited workshop]. Standard Field Sobriety Test (SFST) Instructor Update/LEAD Impairment Training. Lakewood, CO
- Anderlee, J. S., & Dousay, T. A. (2016, August). *Teaching with technology: Leveraging classroom technology to engage learners* [Invited workshop]. 22nd Annual Training Conference on Drugs, Alcohol and Impaired Driving. Denver, CO
- Branch, R. M., Dousay, T. A., Walker, B., Valentine, K., & Gay, M. (2011, September). *A high fidelity instructional strategy* [Workshop]. Meeting of AoB AcademE of Botswana. Gaborone, Botswana
- Dousay, T. A. (2009, February). *Aligning objectives with engaging activities (eBlooms)* [Workshop]. E-Learning Council and State of Texas DIR Webinar Series. Austin, TX
- Dousay, T. A. (2009, February). *Engaging the online learner* [Webinar]. E-Learning Council and State of Texas DIR E-Learning Forum. Austin, TX
- Dousay, T. A. (2009, February). *eLearning in the 21st century* [Webinar]. E-Learning Council and State of Texas DIR E-Learning Forum. Austin, TX

Public Outreach

- Donaldson, A., Dousay, T. A., & Carr-Chellman, A. A. (2020, May). *Women's voices in the field of educational technology panel [Webinar]*. Near East University Societal Research and Development Center. Nicosia, Turkey
- Dousay, T. A. (2020, April). *5 minutes on K-12 online learning with Tonia Dousay [Vodcast special guest]*. Michael Barbour's 5 Minutes On K-12 Online Learning With...
<https://virtualschooling.wordpress.com/5-minutes-on-k-12-online-learning-with/>
- El-Mallah, S., & Dousay, T. A. (2020, March). *Encouraging faculty adoption of virtual reality tools in engineering education [Podcast special guest]*. Immersive Learning Research Network's "The Versatelist," Episode 85. https://www.podomatic.com/podcasts/versatelist/episodes/2020-03-08T15_45_17-07_00
- Dousay, T. A. (2020, January). *Bias, the gender pay gap, and other challenges in education with Tonia Dousay [Podcast special guest]*. SchuBro's Unfiltered, Episode. <https://zero-gravity-media.com/2020/01/12/sbu6-special-guest-dr-tonia-dousay/>
- Dousay, T. A. (2019, January). *Teaching Digital Footprints with Tonia Dousay [Podcast special guest]*. Visions of Education, Episode 103. <https://soundcloud.com/visionsofed/episode-103-teaching-digital-footprints-with-tonia-dousay>
- Dousay, T. A. (2017, October). *Be a maker educator [Concurrent presentation]*. 2017 Global Maker Day.
- Dousay, T. A. (2015, March). *Teaching with robots: Math and science [Invited lecture]*. University of Wyoming SaturdayU. Jackson, WY

Honors and Awards

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| 2015 | Information Age Publishers (IAP) - Distance Education Best Practices Award, Association for Educational Communications & Technology (AECT) |
| 2013 | Multimedia Production Graduate Student Immersive Learning Award, Association for Educational Communications & Technology (AECT) |
| 2013 | Information Age Publishers (IAP) - Distance Education Best Practices Award, Association for Educational Communications & Technology (AECT) |

SCHOLARSHIP ACCOMPLISHMENTS**Publications, Exhibitions, Performances, Recitals****Refereed/Adjudicated****Journal Articles**

- Gosse, C., Veletsianos, G., Hodson, J., Houlden, S., Dousay, T. A., Lowenthal, P. R., & Hall, N. (2021). The hidden costs of connectivity: Nature and effects of scholars' online harassment. *Learning, Media and Technology*. <https://doi.org/10.1080/17439884.2021.1878218>
- Janak, E., & Dousay, T. (2020). Ben Henneke and college by radio: Expanding midcentury educational opportunity at the University of Tulsa. *Journal of American Culture*, 43(4), 312–323.
<https://doi.org/10.1111/jacc.13204>
- Carpenter, J. P., Rosenberg, J. M., Dousay, T. A., Romero-Hall, E., Trust, T., Kessler, A., Phillips, M., Morrison, S. A., Fischer, C., & Krutka, D. G. (2020). What should teacher educators know about technology? Perspectives and self-assessments. *Teaching and Teacher Education*, 95.
<https://doi.org/10.1016/j.tate.2020.103124>
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- Dousay, T. A. (2019). Existing outside of the learning management System. In L. Green (Ed.), *Library technology reports (vol. 55, no. 4)*, “Librarians as online course designers and instructors” (pp. 22–26). American Library Association.
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Dousay, T. A., & Branch, R. M. (2013). Visual competency. In R. C. Richey (Ed.), *Encyclopedia of terminology for educational communications and technology* (pp. 319–321). Springer International Publishing. <https://doi.org/10.1007/978-1-4614-6573-7>

Other: N/A

Refereed/Adjudicated (currently scheduled or submitted)

Houlden, S., Hodson, J., Veletsianos, G., Gosse, C., Hall, N., Lowenthal, P., & Dousay, T. A. (in press). Nothing anyone could do”: An ecological understanding of support for scholars coping with online harassment. *Feminist Media Studies*. 18 January 2021

Asino, T. I., Baker, A., Haselwood, S. & Dousay, T. A. (in review). Any given Sunday in #oklaed: Examining and theorizing the participation of educators in a Twitter chat. *Educational Technology Research & Development*. 13 January 2021.

Ekins, J., Dousay, T. A., Busche, C., & Doucette C. (in review). Getting your feet WET from afar: Reimagining science teacher education for distance teaching and learning. *Natural Sciences Education*. 15 November 2020

Peer Reviewed/Evaluated (currently scheduled or submitted):

Dousay, T. A., & Hall, C. S. (in press). Support technologies. In L. Cifuentes (Ed.), *A guide to administering distance learning*. Brill Sense. 05 November 2020

Dousay, T. A. (in press). Right place, right time. In J. Curry & S. Jackson (Eds.), *The greatest lecture I was never taught*. Brill Sense. 04 September 2020

Professional Meeting Papers, Workshops, Showings, Recitals, Presentations and Other Creative Activities

National/International

Rader, E. L., Love, R., Dousay, T. A., Wingerter, N., Reano, D., Cox, K., Forsberg, E., & Blackford, N. (2020, December). *Minecraft geology field camp: Results from an inclusive and surprisingly realistic field camp experience during the COVID-19 pandemic [Abstract]*. American Geophysical Union (AGU) Fall Meeting.

Dousay, T. A., Zhao, L., Dixon, R. A., & Carr-Chellman, A. A. (2020, November). *Frustrations in focus: improving faculty online instructional practices [Concurrent session]*. Association for Educational Communications & Technology Annual Convention.

Dousay, T. A. (2020, November). *Earning your badge: Microcredentials for preservice teachers to demonstrate technology skills [Roundtable]*. Association for Educational Communications & Technology Annual Convention.

Rader, E. L., Love, R., Dousay, T. A., Reano, D., Wingerter, N., Cox, K., Forsberg, E., & Blackford, N. (2020, October). *Successes and challenges of using virtual technology to teach geology field camp [Abstract]*. Geological Society of America (GSA) 2020 Annual Meeting.

- Dousay, T. A. (2020, April). *Makerspaces: A romance for educator preparation program partnerships [Structured poster]* (G. T. Richard & J. Weible (eds.)). American Educational Research Association Annual Meeting. San Francisco, CA (Conference canceled)
- Dousay, T. A. (2020, March). *An integrated map of the ISTE Standards for Educators, Danielson Framework for Teaching, and Interstate Teacher Assessment and Support Consortium (InTASC) Standards [Brief paper]*. Society for Information Technology & Teacher Education Annual Conference. New Orleans, LA [Virtual]
- Harris, C., Dousay, T. A., Hall, C. S., Srinivasan, S., & Srinivasan, R. (2020, March). *Trashbots: Coding with creativity in a middle grades computer science camp [Best practice]*. Society for Information Technology & Teacher Education Annual Conference. New Orleans, LA [Virtual]
- Mittelstaedt, E., & Dousay, T. A. (2019, November). *Swimming with the Pakicetus: A new deep-sea submersible video game that teaches the basics of mid-ocean ridge geology [Poster]*. American Geophysical Union (AGU) Fall Meeting. San Francisco, CA
- Dousay, T. A., Kitchel, A., & Carr-Chellman, A. A. (2019, October). *Electronic Synchronous Multi-Site (e-SyMS) learning: Design & research recommendations [Concurrent session]*. Association for Educational Communications & Technology Annual Convention. Las Vegas, NV
- Maddrell, J., Dousay, T. A., Graves Wolf, L., & Rosenberg, J. R. (2019, October). *Design in the open / Professional learning strategies to build your professional presence [Inspire concurrent]*. Association for Educational Communications & Technology Annual Convention. Las Vegas, NV
- Shawon, F., Zhu, Y., Olsen, S., LaPaglia, S. K., Turner, J., & Dousay, T. A. (2019, October). *Alone in the crowd: Connecting distance learners [Roundtable]*. Association for Educational Communications & Technology Annual Convention. Las Vegas, NV
- Dousay, T. A., & Weible, J. L. (2019, April). *Buggy genetics: Designing a learning experience to foster creativity and science learning in elementary classrooms [Concurrent session]*. American Educational Research Association Annual Meeting. Toronto, ON
- Veletsianos, G., Kimmons, R., Larsen, R., Dousay, T. A., & Lowenthal, P. R. (2019, April). *Public comment sentiment on educational videos: Understanding the effects of presenter gender on YouTube TED talk comment [Concurrent session]*. American Educational Research Association Annual Meeting. Toronto, ON
- Carpenter, J. P., Rosenberg, J. R., Dousay, T. A., Romero-Hall, E., Trust, T., Kessler, A., Phillips, M., Morrison, S., Fischer, C., & Krutka, D. G. (2019, March). *What do teacher educators think of Teacher Education Technology Competencies? [Paper]*. Society for Information Technology & Teacher Education Annual Conference. Las Vegas, NV
- Greenhow, C., Gleason, B., Krutka, D. G., Dousay, T. A., & Carpenter, J. P. (2019, March). *#SocialMediaEd: Perspectives on teaching about and with social media in higher education [Panel]*. Society for Information Technology & Teacher Education Annual Conference. Las Vegas, NV
- Hall, C. S., Mullins, R., Hollingshead, A., & Dousay, T. A. (2019, March). *Boosting communication: Using point of view (POV) video for students with disabilities as a powerful communication piece with parents [Best practice]*. Society for Information Technology & Teacher Education Annual Conference. Las Vegas, NV
- Janak, E. A., & Dousay, T. A. (2019, March). *Emancipation or oppression: Ben Henneke and educational radio at the University of Tulsa [Paper]*. International Society for Educational Biography Annual Conference. San Antonio, TX
- Jin, Y., Cohen, J., Dousay, T. A., Jones, W. M., & Smith, S. (2019, March). *Multiple perspectives on maker education and makerspaces in teacher education [Panel]*. Society for Information Technology & Teacher Education Annual Conference. Las Vegas, NV
- Weible, J. L., & Dousay, T. A. (2019, March). *Assessing creativity in learning environments: Developing an attitudinal scale [Brief paper]*. Society for Information Technology & Teacher Education Annual Conference. Las Vegas, NV

- Smith, K., Burgin, M., Sergent, M., Swanson, R., Weible, J. L., & Dousay, T. A. (2019, March). *Profiling undergraduate research experiences in teacher education [Poster]*. Society for Information Technology & Teacher Education Annual Conference. Las Vegas, NV
- Zhu, Y., Shawon, F., & Dousay, T. A. (2019, March). *Analyzing a Biology lesson plan for TPACK alignment [Poster]*. Society for Information Technology & Teacher Education Annual Conference. Las Vegas, NV
- Dousay, T. A., & Hall, C. S. (2018, October). "Alexa, how can we use artificial intelligence in classrooms?" [Concurrent session]. Association for Educational Communications & Technology Annual Convention. Kansas City, MO
- Shawon, F., & Dousay, T. A. (2018, October). *Stone-age design thinking: Lessons learned from an action research project targeting teacher professional development at an innovative school [Concurrent session]*. Association for Educational Communications & Technology Annual Convention. Kansas City, MO
- Tawfik, A. A., Haggerty, K., Brynteson, K., Dousay, T. A., Moskal, S., & DuBoff, B. (2018, October). *The role of the library in supporting inquiry-based learning and Next Generation Science Standards [Panel]*. Association for Educational Communications & Technology Annual Convention. Kansas City, MO
- Dousay, T. A., Asino, T. I., Luo, T., Krutka, D. G., Greenhalgh, S. P., Rodesiler, L., & Walster, D. (2018, March). *Social media & teacher professional development [Panel]*. Society for Information Technology & Teacher Education Annual Conference. Alexandria, VA
- Dousay, T. A., Graves Wolf, L., & Green, L. (2018, March). *Rise of the "Teacher Influencers": Examining the benefits and conundrums [Panel]*. Society for Information Technology & Teacher Education Annual Conference. Alexandria, VA
- Carr, T., Asino, T. I., Dousay, T. A., & Barlow-Zambodla, A. (2017, November). *e-Merge-The powers of networks in advancing professional development of educational technologists: The case of e/merge Africa & AECT [Panel]*. Association for Educational Communications & Technology Annual Convention. Jacksonville, FL
- Weible, J. L., & Dousay, T. A. (2017, November). *Learning genetics using 3Doodler pens [Interactive demonstration]*. Association for Educational Communications & Technology Annual Convention. Jacksonville, FL
- Dousay, T. A., Swierczek, D., Smith, S., & Owsley, E. (2017, March). *Don't fear the snakes: designing a hybrid practical experience for preservice teachers in an afterschool Python programming robotics club [Brief paper]*. Society for Information Technology & Teacher Education Annual Conference. Austin, TX
- Jin, Y., Schmidt-Crawford, D. A., Culver, D., Dousay, T. A., Boyer, D. M., & Akcaoglu, M. (2017, March). *Makerspaces and teacher education [Panel]*. Society for Information Technology & Teacher Education Annual Conference. Austin, TX
- Kopcha, T. J., Brynteson, K., Dousay, T. A., Pitman, E., & Thomas, G. (2016, October). *Making makers: Preparing teachers to engage in the maker movement [Panel]*. Association for Educational Communications & Technology Annual Convention. Las Vegas, NV
- Asino, T. I., Dousay, T. A., Kapptie, J., Hine, K., Haselwood, S., & Baker, A. (2016, October). *Reading between the lines: Where do social media platforms fit in the teacher professional development landscape? [Panel]*. Association for Educational Communications & Technology Annual Convention. Las Vegas, NV
- Dousay, T. A. (2016, August). *Designing for creativity in interdisciplinary learning experiences [Paper]*. Educational Technology World Conference. Bali, ID
- York, C. S., Dousay, T. A., & Sinde, M. (2016, August). *Preparing teachers to use Makerspaces [Concurrent session]*. 4th International Symposium on New Issues in Teacher Education (ISNITE). Savonlinna, FI

- Dousay, T. A., & Hayes, J. (2016, June). *Storytelling & comics: Unlocking digital making superpowers in Social Studies classes [Poster]*. International Society for Technology in Education Conference and Exp. Denver, CO
- Dousay, T. A., & Irick, E. M. (2016, March). *Collaborative design: Where PBL and 21st century skills engage learners [Brief paper]*. Society for Information Technology & Teacher Education Annual Conference. Savannah, GA
- Persichitte, K. A., Dousay, T. A., Hodges, C. B., Schmidt, M., & Kopcha, T. J. (2016, March). *AECT & SITE: Challenges of bridging theory, research, and practice [Panel]*. Society for Information Technology & Teacher Education Annual Conference. Savannah, GA
- Baylen, D., D'Alba, A., Robinson, R., Dousay, T. A., & Draper, D. (2015, November). *Teaching and integrating visual and media literacy for all [Panel]*. Association for Educational Communications & Technology Annual Convention. Indianapolis, IN
- Donaldson, A., Smaldino, S. E., Herring, M., Luetkehans, L. M., Persichitte, K. A., Dousay, T. A., & Mellish, L. C. (2015, November). *Walking in their footsteps (or high heels): AECT women discuss the influence of the women who paved the way [Panel]*. Association for Educational Communications & Technology Annual Convention. Indianapolis, IN
- Dousay, T. A., Anderlee, J. S., Murtaugh, M. C., Kilty, T., & LaVanchy, J. (2015, November). *Using virtual interviews with inservice teachers to positively influence preservice teachers' attitudes towards technology [Concurrent session]*. Association for Educational Communications & Technology Annual Convention. Indianapolis, IN
- Hollett, T., Kalir, R., Weible, J. L., & Dousay, T. A. (2015, November). *Designing for playful learning [Interactive panel]*. Association for Educational Communications & Technology Annual Convention. Indianapolis, IN
- Lee, E., Akcaoglu, M., Dousay, T. A., Boyer, D. M., & Brynteson, K. (2015, November). *Makerspaces in higher education: Design, development, implementation, and research for teacher education and beyond [Panel]*. Association for Educational Communications & Technology Annual Convention. Indianapolis, IN
- Shepherd, C. E., Dousay, T. A., Bolliger, D. U., & Aldosemani, T. I. (2015, November). *Designing third places to support program community and organizational networking in online education programs [Concurrent session]*. Association for Educational Communications & Technology Annual Convention. Indianapolis, IN
- Des Armier, D., & Dousay, T. A. (2014, November). *Students' use of digital storytelling to enhance digital literacy skills: Implications for best practices in postsecondary education [Concurrent session]*. Association for Educational Communications & Technology Annual Convention. Jacksonville, FL
- Miller, C. T., & York, C. S. (2014, November). *Thirty-five years of leadership: A study on the impact of the Strohbahn and Cochran internship*. Association for Educational Communications & Technology Annual Convention. Jacksonville, FL
- Asino, T. I., Malapile, L. J., & Dousay, T. A. (2013, October). *Children as design partners: A case of Namibia, South Africa and US [Roundtable]*. Association for Educational Communications & Technology Annual Convention. Anaheim, CA
- Asino, T. I., Malapile, L. J., & Dousay, T. A. (2013, October). *Children as designers: A case of Namibia, South Africa and US [Concurrent session]*. eLearning Africa 2013. Windhoek, NA
- Dousay, T. A. (2013, October). *From death by PowerPoint to engaging Captivate: Lessons learned when implementing specific design principles [Concurrent session]*. Association for Educational Communications & Technology Annual Convention. Anaheim, CA
- Dousay, T. A. (2013, October). *Measuring the impact of multimedia design on situational interest of learners [Roundtable]*. Association for Educational Communications & Technology Annual Convention. Anaheim, CA
- Branch, R. M., & Dousay, T. A. (2013, September). *Survey of instructional design models [Paper]*. Gaborone International Design Conference. Gaborone, BW

- Dousay, T. A., & Branch, R. M. (2012, October). *Designing multimedia to trigger and maintain situational interest [Concurrent session]*. Association for Educational Communications & Technology Annual Convention. Louisville, KY
- Barreto, D., Dousay, T. A., Park, S. W., Chien, S.-Y., Gay, M., Kim, S. M., Chang, Y., & Branch, R. M. (2012, April). *Exploring active learning as a strategy for teaching research methods in a socio-constructivism environment [Concurrent session]*. American Educational Research Association Annual Meeting. Vancouver, BC
- Dousay, T. A., & Logan, R. (2011, September). *Analyzing & evaluating the phases of ADDIE [Paper]*. Design, Development and Research Conference. Cape Town, SA
- Chien, S.-Y., Dousay, T. A., Park, S. W., Gay, M., Igoche, D., & Branch, R. M. (2010, June). *Text, period spacing, and mobile devices [Paper]*. Association for the Advancement of Computing in Education ED-MEDIA. Toronto, ON

State/Regional

- Crepeau, J., Maughan, M., Dousay, T. A., & Hall, C. (2020, April). How do we assess design skills across the curriculum? [Virtual presentation]. University of Idaho Active Learning Symposium. Moscow, ID
- Dousay, T. A., & Hall, C. S. (2019, February). Alexa? How can you help me in the classroom? [Concurrent session]. Northwest Council for Computer Education Annual Conference. Seattle, WA
- Hall, C. S., & Dousay, T. A. (2019, February). Low-cost access to AR & VR to support K-12 education [Concurrent session]. Northwest Council for Computer Education Annual Conference. Seattle, WA
- Dousay, T. A. (2018, November). Leveraging technology to innovate undergraduate education: Designing hybrid courses [Concurrent session]. Wyoming Innovations in Learning Conference. Evanston, WY
- Dousay, T. A., & Hall, C. S. (2018, November). Alexa: Your teaching assistant in the classroom [Concurrent session]. Wyoming Innovations in Learning Conference. Evanston, WY
- Dousay, T. A. (2018, April). Using Zoom to support active learning [Virtual presentation]. University of Idaho Active Learning Symposium. Moscow, ID
- Dousay, T. A. (2016, October). Make-what? e-Volution Conference. Evanston, WY
- Shepherd, C. E., Bolliger, D. U., Dousay, T. A., & Persichitte, K. A. (2016, May). Developing a sense community that extends beyond course boundaries [Concurrent session]. WyDEC Distance Education Conference. Casper, WY
- Shepherd, C. E., & Dousay, T. A. (2016, May). Service learning and community partnerships in distance programs [Concurrent session]. WyDEC Distance Education Conference. Casper, WY
- Paratore, J., Dalton, B., Dousay, T. A., Mielke, T. L., Geringer, J., & James, J. (2015, October). Multiple modes of literacy [Panel]. University of Wyoming Literacy Education Conference. Laramie, WY
- Dousay, T. A., Bryant, H. V., & Kilty, T. (2015, September). Virtually powerful: structuring online internships for experiential learning in a graduate program [Concurrent session]. e-Volution Conference. Laramie, WY
- Dousay, T. A., & Mathieson, S. (2015, September). Experiential and service learning in the UW Lab School through faculty partnerships [Roundtable]. e-Volution Conference. Laramie, WY
- Irick, E. M., & Dousay, T. A. (2015, September). Design partnerships: Fabric printing and pattern making between undergraduate and middle grades students [Concurrent session]. e-Volution Conference. Laramie, WY
- Shepherd, C. E., Bolliger, D. U., Dousay, T. A., & Persichitte, K. A. (2015, May). Preparing a new generation of teachers to teach online [Concurrent session]. e-Volution Conference. Rock Springs, WY

- Dousay, T. A. (2014, September). Collaborative tools for multimedia learning & development in online courses [Roundtable session]. e-Volution Conference. Laramie, WY
- Trujillo, N. P., & Dousay, T. A. (2014, March). An examination of gender and situational interest in multimedia learning environments [Poster]. College of Education Research Symposium, University of Wyoming. Laramie, WY
- Dousay, T. A., Orey, M., Burton, J. K., Lockee, B. B., Murtaugh, M. C., & Asino, T. I. (2013, February). Graduate students in academia: Should they be seen and not heard?[Roundtable]. Eastern Educational Research Association Annual Conference. Sarasota, FL
- Jensen, L. J., Barreto, D., & Dousay, T. A. (2013, February). GameWerks: Fostering 21st century skills in a video game design apprenticeship [Concurrent session]. Eastern Educational Research Association Annual Conference. Sarasota, FL
- Gay, M., Logan, R., & Dousay, T. A. (2012, February). Aesthetic value of design elements in an educational game [Poster]. Eastern Educational Research Association Annual Conference. Hilton Head, SC
- Jensen, L. J., & Dousay, T. A. (2012, February). GameWerks: Fostering creativity, motivation, and 21st century skills through game design [Symposium]. Eastern Educational Research Association Annual Conference. Hilton Head, SC
- Logan, R., Dousay, T. A., & Gay, M. (2012, February). Crafting a balance between learning and fun in an educational game [Roundtable]. Eastern Educational Research Association Annual Conference. Hilton Head, SC
- Dousay, T. A. (2011, February). Multimedia design of online coursework [Roundtable]. Eastern Educational Research Association Annual Conference. Sarasota, FL
- Dousay, T. A., & Logan, R. (2011, February). Adventures in ADDIE: Lessons from the field [Roundtable]. Eastern Educational Research Association Annual Conference. Sarasota, FL
- Dousay, T. A., Igoche, D., & Branch, R. M. (2010, February). Teaching research methods: Perceptions of current and formal doctoral students [Poster]. Eastern Educational Research Association Annual Conference. Savannah, GA
- Dousay, T. A. (2009, February). eLearning development & instructional design [Roundtable]. State of Texas DIR Inter-Agency Training Expo. Austin, TX
- Dousay, T. A., & Martin, R. (2008, November). From lecture to online: Learner-centered design. [Concurrent session]. Lee College Innovations in Teaching & Learning Technology Conference. Baytown, TX

Patents: N/A

Grants and Contracts Awarded

Funded

Year	Grant Title	Role	PI(s)	Funded
2020	Minecraft Field Camp: Teaching field geology with virtual reality in the time of Coronavirus	Consultant	Rader, E. L.	\$15,255
<i>Source:</i> Bay Area Environmental Research Institute				

Year	Grant Title	Role	PI(s)	Funded
2018	Near-peer authentic inquiry: Coupling science methods and biological sciences coursework for engaged student learning	Co-PI	Miller, B. G. Dousay, T A.	\$5000
	<i>Source:</i> University of Idaho Office of Undergraduate Research			
2017	Robotic recording for instructional reflection	PI	Dousay, T A.	\$9928
	<i>Source:</i> University of Wyoming Central Student Technology Committee			
2015	RAMPED: Robotics, Applied Mathematics, Physics, and Engineering Design	Consultant	Burrows, A.	\$211,355
	<i>Source:</i> Wyoming Department of Education Math-Science Partnership Grant Program			
2014	Building a makerspace at the University of Wyoming	PI	Dousay, T. A.	\$25,000
	<i>Source:</i> Mary Garland Early Career Fellowship, University of Wyoming College of Education			
2014	Google Glass applications in the classroom	PI	Dousay, T. A.	\$650
	<i>Source:</i> University of Wyoming Outreach Credit Programs TIE Grant Program			
2014	Content fluency through a visual literacy design activity	PI	Dousay, T. A.	\$2000
	<i>Source:</i> University of Wyoming American Heritage Center			

Pending

Year	Grant Title	Role	PI(s)	Amount
2021	Optimizing Augmented Reality information displays to enhance real-time decision making	Co-PI	Dousay, T. A. Mittelstaedt, E. Soule, T.	\$874,863
	<i>Source:</i> Office of Naval Research			

Unfunded

Year	Grant Title	Role	PI(s)	Applied
2020	EvoHealth: A program to improve pathways to STEMM careers in Idaho	Co-PI	Robison, B. D. Dousay, T. A. Overton, M. Soule, T. Hall, C.	\$1,303,909
<i>Source: National Institutes of Health</i>				
2020	Outcropping COVID19: Removing barriers to access by reimagining Geology field learning experiences with mixed realities	Co-PI	Dousay, T. A. Rader, E. L. Love, R.	\$50,000
<i>Source: Spencer Foundation</i>				
2019	Near-Peer authentic inquiry: Coupling science education methods and biological science coursework for engaged student learning	Co-PI	Miller, B. M. Dousay, T. A. Parent, C. E. Pfeiffer, D. C.	\$299,923
<i>Source: National Science Foundation</i>				
2019	CUE Ethics: REAL-CS (Reaching Every Available Learner for Computer Science)	Co-PI	Buck, C. R. Beeston, J. Dousay, T. A.	\$346,731
<i>Source: National Science Foundation</i>				

Honors and Awards

2018	Culture, Learning and Technology Division Outstanding Publication Award for a Journal Article, Association for Educational Communications & Technology (AECT), Kansas City, MO
2016	Gold Paper Award, 2016 Educational Technology World Conference (ETWC), Bali, Indonesia
2014	Mary Garland Early Career Fellowship, University of Wyoming College of Education
2013	National Science Foundation Early Career Award, Association for Educational Communications & Technology (AECT), Anaheim, CA

SERVICE**Major Committee Assignments**National/International-Level

2019	Educational Testing Service (ETS) Praxis Earth and Spaces Sciences National Advisory Council (NAC)
2016-2017	Nation of Makers, Wyoming State Representative
2015-2016	AECT Leadership Nominating Committee
2015-2019	AECT Awards Committee
2015-2016	Google Certified Innovator Program Mentor
2013-2020	AECT Leadership Development Committee

Regional-Level

2020-Present	Idaho Association of Colleges of Teacher Education, Member
2017	State of Wyoming Open Education Resources (OER) Initiative, University Representative
2015-2016	State of Wyoming Digital Learning Plan, Advisory Panel Member

Institution-Level

2020-Present	University of Idaho University Assessment Committee
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2020-Present	University of Idaho College of Education, Health, & Human Services Graduate Research and Policy Committee (GRPC)
2020	University of Idaho President's Online Learning Working Group
2020	University of Idaho Department of Curriculum & Instruction Third Year Review Committee Chair
2018-Present	University of Idaho College of Education, Health, & Human Services Technology Committee Chair
2017	University of Wyoming College of Education Advisory Council for Teacher Education Committee Chair
2016	University of Wyoming 3 rd John P. Ellbogen Center for Teaching & Learning Summer Institute Mentor
2015-2016	University of Wyoming College of Education Technology Committee, Department of Professional Studies Representative & Committee Chair
Fall 2015	University of Wyoming University Studies Program Committee, College of Education Representative
2015-2017	University of Wyoming College of Engineering Student Innovation Center Planning Committee
2014-2015	University of Wyoming College of Education Research Symposium Planning Committee
2014-2017	University of Wyoming College of Education Advisory Council for Teacher Education, Department of Professional Studies Representative

Professional and Scholarly Organizations

Memberships/Leadership

2019-Present	IEEE Industry Connections-Industry Consortium on Learning Engineering (ICICLE)
2019-Present	American Educational Research Association (AERA)
2016-Present	Society for Information Technology and Teacher Education (SITE)
2017-Present	SIG Social Media
2018-Present	Co-Chair
2016-Present	SIG Creativity
2016-Present	SIG Maker
2013-Present	Professors of Instructional Design and Technology (PIDT)
2009-Present	Association for Educational Communications and Technology (AECT)
2017-Present	AECT Social Media Administrator
2013-2016	Leadership Intern Program Coordinator
2017-Present	Learner Engagement Division
2009-Present	Division of Distance Learning (DDL)
2021-Present	Division Representative to the AECT Board of Directors
2017-2018	Past President
2016-2017	President
2015-2016	President-Elect
2009-Present	Teacher Education Division
2009-2013	Graduate Student Assembly (GSA)
2013-2014	Past-President
2012-2013	President
2011-2012	President-Elect

Scholarly Reviewer

2020-2021	Special Issue Guest Co-Editor, <i>Journal of Applied Instructional Design</i> ; Designing for all: An exploration of universal design for online learning
2019-Present	Journal Reviewer, <i>Journal of Computing in Higher Education</i>
2018-Present	Journal Reviewer, <i>npj Science of Learning</i>
2018-2019	Special Section Guest Editor, <i>International Journal of Designs for Learning</i> ; High-stakes/high-impact distance learning contexts
2018-Present	Journal Reviewer, <i>Educational Technology Research & Development (ETR&D)</i>
2018-Present	University of Idaho Office of Research and Economic Development (ORED) Competitive Proposals Internal Reviewer
2017-Present	Proposal Reviewer, Society for Information Technology and Teacher Education Annual Conference SIG Creativity / SIG Maker / SIG Social Media

2017-Present	Journal Reviewer, <i>British Journal of Educational Technology</i> (BJET)
2017-2019	Journal Reviewer, <i>Journal of Experiential Education</i> (JEE)
2017-Present	Proposal Reviewer, AERA Annual Meeting SIG Design and Technology
2017-Present	Journal Reviewer, <i>International Journal for the Scholarship of Teaching & Learning</i> (IJ-SoTL)
2017	Review Committee, International Conference on Mathematics, Science and Technology Education (Kruger National Park, South Africa)
2016-2017	Special Issue Guest Co-Editor, <i>TechTrends</i> ; Social media & emerging spaces: Professional development in the 21st century
2016-Present	Journal Reviewer, <i>International Journal of Designs for Learning</i> (IJDL)
2015-2016	Proposal Reviewer, Wyoming Department of Education Trust Fund Grant
2015-Present	Journal Reviewer, <i>TechTrends</i>
2013-Present	Proposal Reviewer, AECT International Convention Division of Distance Learning / Teacher Education Division
Fall 2014	Manuscript Editor, <i>SAGE Open</i>

Conference/Meeting Planning

2021	AECT Annual Convention Co-Planner (Columbus, OH)
2020	PIDT Conference Organizer (Sandpoint, ID) [Canceled due to COVID-19]
2016	AECT Division of Distance Learning Annual Convention Planner (Las Vegas, NV)
2015	PIDT Conference Co-Planner (Estes Park, CO)
2014	AECT Annual Convention Co-Planner (Jacksonville, FL)
2014-2016	University of Wyoming College of Education Research Symposium Planning Committee (Laramie, WY)
2013	AECT Graduate Student Assembly Annual Convention Planner (Anaheim, CA)
2012	AECT Graduate Student Assembly Annual Convention Co-Planner (Louisville, KY)

Outreach/Community Service

2021-Present	Board Member, Wellness for Educators (https://well4edu.org/)
2017-2018	Board Member, Eureka! Palouse (Moscow, ID)
2015-2016	Co-Moderator & Coordinator, #AECTchat Twitter chat
2015-2017	Guest Moderator, #wyoedchat Twitter chat
2014-2017	Laramie Robotics Club faculty mentor
2014-2017	Google Educator Group (GEG) – High Plains Chapter Leader
2015-2019	Graduate Faculty Scholar, Northern Illinois University
2015-2017	University of Wyoming International Programs Office Digital Consultant
2014-2015	Advisory Board Member, ATD/IACET: Instructional Design Competency Study
2013-2015	Laramie Friendship Families, Host family for international students

Honors and Awards

2020	Alumni Award for Excellence Inspirational Mentor, University of Idaho
2017	Faculty Award for Outstanding Service to the Education Profession, University of Wyoming
2016	Award for Advocacy, International Society for Technology in Education (ISTE)
2015	Presidential Award for Outstanding Service to AECT 2014-2015, Association for Educational Communications & Technology (AECT)

MEDIA HIGHLIGHTS

Using Amazon Echo, Google Home to Learn: Skill of the Future or Bad Idea?

February 4, 2020 — During the 2017-18 school year, Tonia Dousay, an associate professor of education at the University of Idaho's Doceo Center for Innovation + Learning, conducted a study in which she and a colleague used voice assistants and other artificial intelligence tools in classrooms across four Idaho K-12 school districts. She witnessed a wide range of uses, from helping students with learning disabilities develop communication skills to getting students excited about specific research projects.

<https://www.edweek.org/ew/articles/2020/02/05/using-amazon-echo-google-home-to-learn.html>

Tech Savvy Teachers

January 30, 2020 — U of I's Tonia Dousay and Cassidy Hall, from the Department of Curriculum and Instruction, are partnering with Google to produce future Idaho teachers ready to effectively use technology in the classroom. As one of four universities currently participating in a pilot program, the project integrates the Google for Education Teacher Center training materials into existing coursework to help future teachers enhance pedagogy, get organized and save time using the core G Suite tools commonly found in K-12 classrooms. <https://www.uidaho.edu/news/news-articles/kudos/2020-spring/013020-toniadousay-cassidyhall>

Creating kids who code

August 03, 2019 — UI's annual coding camp introduces children to a valuable skill, allows Idaho teachers to earn a computer science certification. After a week of learning coding skills at the University of Idaho, a cohort of local middle school-aged children celebrated with a final task: cracking a "secret message" from "Russia." For the past week, the young students participated in an annual summer coding camp offered through the UI's Doceo Center in the College of Education, Health and Human Sciences. https://dnews.com/local/creating-kids-who-code/article_153551fe-d0f1-5393-a8ef-ae9109cf1db4.html

Is Alexa the newest teaching assistant?

April 03, 2019 — "Alexa, watch the class!" A middle school teacher left the classroom for a few minutes, relying on the Echo Dot they left behind to keep their students in line, Tonia Dousay said. But did it work? Dousay said that it did — even though Echo Dots are not equipped with a camera. Dousay, an assistant professor and researcher for the Doceo center and Doceo Director Cassidy Hall presented for the Martin Renfrew Interdisciplinary Colloquium Tuesday afternoon. The Doceo Center, located on the third floor of the Education building on campus, researches new technologies and how they can be incorporated into the classroom. <https://www.uiargonaut.com/2019/04/03/is-alexa-the-newest-teaching-assistant>

University Makerspaces Open Doors to K–12 Schools

May 2017 – The University of Wyoming's WyoMakers is one of several makerspaces around the United States that are hosted by university colleges of education and invite K–12 teachers and students to use their facilities for science, technology, engineering, and math (STEM) and design projects. With funding from her two-year Mary Ellbogen Garland Early Career Fellowship, Tonia Dousay, assistant professor of instructional technology, launched WyoMakers to provide equipment, tools, and software to teachers seeking to give students more opportunities for hands-on learning. <http://static.nsta.org/pdfs/nstareports/nstareports201705.pdf>

UW's Dousay Receives Honors, Opportunities at National Maker Faire

July 25, 2016 — A trip to Washington, D.C., to represent the University of Wyoming at the 2016 National Maker Faire this summer yielded the expected opportunities to spotlight UW's emerging work in the movement for College of Education faculty member Tonia Dousay, along with a couple of surprising twists -- including an invitation from the White House Office of Science and Technology Policy. <http://www.uwyo.edu/uw/news/2016/07/uws-dousay-receives-honors,-opportunities-at-national-maker-faire.html>

UW's Dousay Recognized for Advocacy, Collaborations in Education Technology

May 16, 2016 — University of Wyoming College of Education faculty member Tonia Dousay recently received the International Society for Technology in Education (ISTE) Award for Advocacy. <http://www.uwyo.edu/uw/news/2016/05/uws-dousay-recognized-for-advocacy,-collaborations-in-education-technology.html>

UW's Dousay Honored by Instructional Technology Organization

September 21, 2015 — University of Wyoming College of Education faculty member Tonia Dousay's work to enhance the online student learning experience has received national recognition from the Association for Educational Communications and Technology (AECT).

<http://www.uwyo.edu/uw/news/2015/09/uws-dousay-honored-by-instructional-technology-organization.html>

UW's Saturday U Scheduled March 7 in Jackson

March 2, 2015 — The spring term of Saturday U, the University of Wyoming's free one-day college education program, comes to an end Saturday, March 7, in Jackson.

<http://www.uwyo.edu/uw/news/2015/03/uws-saturday-u-scheduled-march-7-in-jackson.html>

New UW Program Targets Hands-On Learning

February 10, 2015 — New opportunities to engage students in creative projects drawing on design and problem-solving skills have been opened at the University of Wyoming's College of Education as a result of a new program called WyoMakers.

<http://www.uwyo.edu/uw/news/2015/02/new-uw-program-targets-hands-on-learning.html>

UW's Dousay Chosen to Attend Google Teacher Academy

October 27, 2014 — University of Wyoming Assistant Professor of Instructional Technology Tonia Dousay joins a select group of educators participating in the next Google Teacher Academy Dec. 2-3 in Austin, Texas.

<http://www.uwyo.edu/uw/news/2014/10/uws-dousay-chosen-to-attend-google-teacher-academy.html>