TONIA A. DOUSAY, *PROFESSOR & DEAN*

University of Alaska Anchorage
School of Education
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EDUCATION

Ph.D., **Learning, Design, & Technology**, University of Georgia, Athens, GA (2013)
Dissertation: *Effect of multimedia design principles on situational interest of adult learners*
Chair: Dr. Robert Maribe Branch

M.S., **Agricultural Education**, Texas A&M University, College Station, TX (2000)
Thesis: *Usage and awareness of the online Texas common application by students in the College of Agriculture and Life Sciences at Texas A&M University*
Chair: Dr. Kim E. Dooley

B.S., **Agricultural Science**, Texas A&M University, College Station, TX (1999)
Texas Educator Certificate: *Vocational Agriculture Production* (Grades 6-12)

Certificates
    Google Certified Educator Level 1, Level 2; 2021
    Google for Education Certified Trainer; 2018
    Google Certified Trainer Skills; 2017
    Apple Teacher; 2017
    Google for Education Certified Innovator; 2014

EXPERIENCE

Academic Appointments

- Professor & Dean; University of Alaska Anchorage; School of Education; Anchorage, AK: 2022–Present
- Associate Professor of Learning Sciences & Associate Dean for Assessment and Accreditation; University of Idaho; College of Education, Health & Human Sciences; Department of Curriculum & Instruction; Moscow, ID: 2019–2022
- Assistant Professor of Learning Sciences; University of Idaho; College of Education, Health & Human Sciences; 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; College of Education; School of Counseling, Leadership, Advocacy, and Design; Laramie, WY: 2013–2017
- Adjunct Instructor; James Madison University; College of Education; Learning, Technology & Leadership Education Department; Harrisonburg, VA: 2012–2013
- Instructor; Blinn College; Applied Business Program; Bryan, TX: 2009–2009

Non-Academic Employment

- Principal, Learning Interest Consulting; Anchorage, AK: 2022–Present
- Instructional Design Consultant, MoWerks Learning; Athens, GA: 2010–2013
- 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

HONORS AND AWARDS

2022	*J. Michael Spector Appreciation Award for Exemplary Long-term Service to the Association*, Association for Educational Communications & Technology (AECT)
2022	*Presidential Distinguished Service Award*, Association for Educational Communications & Technology (AECT)
2020	*Alumni Award for Excellence Inspirational Mentor*, University of Idaho Alumni Association
2018	*Culture, Learning and Technology Division Outstanding Publication Award for a Journal Article*, Association for Educational Communications & Technology (AECT), Kansas City, MO
2017	*Faculty Award for Outstanding Service to the Education Profession*, University of Wyoming
2016	*Award for Advocacy*, International Society for Technology in Education (ISTE)
2016	*Gold Paper Award*, 2016 Educational Technology World Conference (ETWC), Bali, Indonesia

WORKSHOPS & INVITED TALKS

Notes, Plenaries, & Talks

Dousay, T. A. (2022, April). *Mo money, mo problems: The shifting landscape of online learning instructional design in higher education* [Keynote]. eLearning Consortium of Colorado Conference. Virtual

Boada, D., Dousay, T. A., Bikowski, D., Wesley, L., & Olesova, L. (2021, July). *TESOL ELevate Coffee Chat: Instructional design.* [Virtual Panel.] TESOL International Association. Virtual

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

Sell, B. & Dousay, T. A. (2022, August*). PIZZAology: Learning science through food and fun [Summer camp].* Idaho STEM Action Center Out-of-School Activities. Moscow, ID

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

Teacher Professional Development

Dousay, T. A. (2023, January). *Personalize leveling up with Google in the classroom [Inservice workshop]*. Lower Yukon School District. Mountain Village, AK/Virtual

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. (2018, October). *Google fundamentals for certification [Public workshop]*. Idaho Transforming Teaching & Learning Conference. Twin Falls, 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

Faculty/Graduate Student Seminar Talks & Professional Development

Dousay, T. A. (2022, February). *Weird Science: Challenges and benefits of preparing future teachers for distance teaching and learning.* Brigham Young University Instructional Psychology & Technology Doctoral Seminar. Provo, UT (Virtual)

Dousay, T. A. (2021, November). *Researching learner motivations with design-based research.* Texas A&M University Department of Agricultural Leadership, Education, and Communications Doctoral Seminar. College Station, TX (Virtual)

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

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

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]*. e/Merge Africa. https://emergeafrica.net/17-may-design-in-the-open/

Branch, R. M., & Dousay, T. A. (2017, January). *Survey of instructional design models [Webinar]*. e/Merge 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 leaners [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

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 Versatilist," Episode 85. https://www.podomatic.com/podcasts/versatilist/episodes/2020-03-08T15_45_17-07_00

SCHOLARSHIP

Publications
Journal Articles & Columns

Dousay, T. A., Miller, B. G., & Parent, C. E. (2022). CURating science literacy and professional identity among biology and science education majors. *Innovations in Science Teacher Education. 7(3)*. https://innovations.theaste.org/curating-science-literacy-and-professional-identity-among-biology-and-science-education-majors/

Zhao, L., Dixon, R., Dousay, T., & Carr-Chellman, A. (2022). Outsourced professional development for online instructors: Recommendations from research. *eLearn Magazine, 2022*(4). https://doi.org/10.1145/3532688.3529094

Dousay, T. A. (2021). Judgment day: Activating computational thinking activities with popular culture. *Revista de Educación a Distancia (RED), 21*(68), 1–15. http://doi.org/10.6018/red.485621

Rader, E., Love, R., Reano, D., Dousay, T. A., & Wingerter, N. (2021). Pandemic Minecrafting: An analysis of the perceptions of and lessons learned from a gamified virtual geology field camp. *Geoscience Communication, 4*, 475–492. https://doi.org/10.5194/gc-4-475-2021

Dousay, T. A., Wetcho, S., Muljana, P. S., Arslan, O., Digges Elliot, H., Peacock, R., & Carr-Chellman, A. A. (2021). Hybrid or virtual conferencing: That is the question. *TechTrends, 65*(4). https://doi.org/10.1007/s11528-021-00613-9

Houlden, S., Hodson, J., Veletsianos, G., Gosse, C., Lowenthal, P., Dousay, T., & Hall, N. C. (2021). Support for scholars coping with online harassment: An ecological framework. *Feminist Media Studies*. https://doi.org/10.1080/14680777.2021.1883086

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, 46*(3), 264–280. 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

Barrett, S. F., Dousay, T. A., Kerr, T. J., Schmidt, L., Gellis, B. S., & Ballard, J. (2019). Library and Student Innovation Center: Makerspace! *Computers in Education Journal, 10*(2), 1–12.

Dousay, T. A. (2019). Introduction to the special section on high stakes online learning design cases. *International Journal of Designs for Learning, 10*(1), 145–146. https://doi.org/10.14434/ijdl.v10i1.27292

Dousay, T. A., & Trujillo, N. P. (2019). An examination of gender and situational interest in multimedia learning environments. *British Journal of Educational Technology, 50*(2), 876–887. https://doi.org/10.1111/bjet.12610

Dousay, T. A., & Weible, J. L. (2019). Build-A-Bug workshop: Designing a learning experience with emerging technology to foster creativity. *TechTrends, 63*(1), 41–52. https://doi.org/10.1007/s11528-018-0364-8

El-Mallah, S., & Dousay, T. A. (2019). Encouraging faculty adoption of virtual reality tools in engineering education. *Issues and Trends in Learning Technologies*, *7*(2), 1–11. https://doi.org/10.2458/azu_itet_v7i2_el-mallah

Books
Dousay, T. A., & Branch, R. M. (2022). *Survey of instructional design models* (6th ed.). Brill Publishers. https://brill.com/view/title/63987

Conference Proceedings
Dousay, T. A. (2022). Cirque du STEM: Introducing preservice science teachers to value-based professional development. In E. Langren (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1597–1602). Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/p/220923/

Ekins, J., Dousay, T. A., Busche, C., & Doucette, C. (2022). Getting your feet WET from afar: Reimagining secondary science methods for distance teaching and learning. In E. Langren (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1603–1612). Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/p/220924/

Algaraibeh, S. M., Dousay, T. A., & Jeffery, C. L. (2020). Integrated learning development environment for learning and teaching C/C++ language to novice programmers. *Proceedings - Frontiers in Education Conference, FIE.*

Dousay, T. A. (2020). An integrated map of the ISTE Standards for Educators, Danielson Framework for Teaching, and Interstate Teacher Assessment and Support Consortium (InTASC) Standards. In D. A. Schmidt-Crawford (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 976–980). Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/215851/

Harris, C., Dousay, T. A., Hall, C. S., Srinivasan, S., & Srinivasan, R. (2020). Trashbots: Coding with creativity in a middle grades computer science camp. In D. A. Schmidt-Crawford (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1117–1120). Association for the Advancement of Computing in Education (AACE). https://learntechlib.org/primary/p/215872/

Carpenter, J. P., Rosenberg, J. R., Dousay, T., Kessler, A., Phillips, M., Morrison, S., & Fischer, C. (2019). What do teacher educators think of teacher education technology competencies? In K. J. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 796–801). Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/207735/

Greenhow, C., Gleason, B., Krutka, D., & Carpenter, J. (2019). #SocialMediaEd: Perspectives on teaching about and with social media in higher education. In K. J. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 97–100). Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/208489/

Hall, C. S., Mullins, R., Hollingshead, A., & Dousay, T. A. (2019). Boosting communication: Using Point of View (POV) video for students with disabilities as a powerful communication piece with parents. *Proceedings of Society for Information Technology & Teacher Education International Conference*, 241–244. https://www.learntechlib.org/p/208465/

Weible, J. L., & Dousay, T. A. (2019). Assessing creativity in learning environments: Developing an attitudinal scale. In K. J. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1438–1442). Association for the Advancement of Computing in Education (AACE). https://www.learntechlib.org/primary/p/208489/

Book Chapters/Sections
Dousay, T. A., & Hall, C. S. (2021). Support technologies. In L. Cifuentes (Ed.), *A guide to administering distance learning* (pp. 326–352). Brill Sense. https://doi.org/10.1163/9789004471382_014

Dousay, T. A. (2021). Right place, right time. In J. H. Curry & S. R. Jackson (Eds.), *The greatest lecture I was never taught*. Brill Sense. https://doi.org/10.1163/9789004467088

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.

Reference Works
Hester-Croff, C., & Dousay, T. A. (2018). Education and the Internet: Elementary and secondary schools. In B. Warf (Ed.), *SAGE encyclopedia of the internet (Vol. 1)* (pp. 299–303). SAGE Publications, Inc. https://doi.org/10.4135/9781473960367.n89

Dousay, T. A. (2015). Digital literacy in elementary and secondary education. In J. M. Spector (Ed.), *SAGE Encyclopedia of Educational Technology* (pp. 219–221). Sage Publications, Inc. https://doi.org/10.4135/9781483346397.n96

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

Pre-Prints

Bland, T., Guo, M., & Dousay, T. A. (2022). Multimedia design for learner interest and achievement: A visual guide to pharmacology. *BMC Medical Education*. https://doi.org/10.21203/rs.3.rs-1782691/v1

Dousay, T. A. (2022). Finding Goldilocks: Mechanical engineering student perceptions of academic preparation and assessment. *ResearchGate*. http://doi.org/10.13140/RG.2.2.24210.94400

GRANTS AND CONTRACTS AWARDED

Funded

Year	Grant Title	Role	PI(s)	Funded
2022	Eat your science: Engaging secondary learners and community partners in a summer STEM camp (in preparation) *Source*: Idaho STEM Action Center/ Idaho North & North Central (INNC) EcosySTEM Hub	Co-PI	Sell, B. Dousay, T. A.	$5000
2022	Creativity carnivals: Fostering 21st Century skills through STEM engagement *Source*: University of Idaho Department of Curriculum & Instruction	PI	Dousay, T. A.	$700
2020	Minecraft Field Camp: Teaching field geology with virtual reality in the time of Coronavirus[1] *Source*: Bay Area Environmental Research Institute/ National Aeronautics and Space Administration (NASA)	Consultant	Rader, E. L.	$15,255
2018	Near-peer authentic inquiry: Coupling science methods and biological sciences coursework for engaged student learning[2] *Source*: University of Idaho Office of Undergraduate Research	Co-PI	Miller, B. G. Dousay, T A.	$5000
2017	Robotic recording for instructional reflection *Source*: University of Wyoming Central Student Technology Committee	PI	Dousay, T A.	$9928

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[1] Research and practice findings published/under peer review

Year	Grant Title	Role	PI(s)	Funded
2015	RAMPED: Robotics, Applied Mathematics, Physics, and Engineering Design *Source*: Wyoming Department of Education Math-Science Partnership Grant Program	Consultant	Burrows, A.	$211,355
2014	Building a makerspace at the University of Wyoming[2] *Source*: Mary Garland Early Career Fellowship, University of Wyoming College of Education	PI	Dousay, T. A.	$25,000
2014	Google Glass applications in the classroom *Source*: University of Wyoming Outreach Credit Programs TIE Grant Program	PI	Dousay, T. A.	$650
2014	Content fluency through a visual literacy design activity[7] *Source*: University of Wyoming American Heritage Center	PI	Dousay, T. A.	$2000

SERVICE

Major Committee Assignments
National/International-Level
2021–2022	AECT Executive Committee, Board of Directors Representative
2021–Present	AECT Organization & Bylaws Committee, Co-chair
2019–2021	Educational Testing Service (ETS) Praxis Earth and Spaces Sciences National Advisory Council (NAC) and Test Item Writer
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
2020–2022	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
2022-Present	University of Alaska Anchorage Online Learning Council, Chair
2022–Present	Alaska College of Education Consortium (ACEC), University of Alaska Anchorage Representative
2022–Present	University of Alaska Anchorage Deans Council, School of Education Representative
2022–Present	University of Alaska Anchorage Professional and Continuing Education Committee, School of Education Representative
2021–2022	University of Idaho University Assessment and Accreditation Committee, Member

2021	University of Idaho Vice Provost for Digital Learning Initiatives Search Committee, Member
2021	University of Idaho Adult & Organizational Leadership & Learning Tenure Track Faculty Search Committee, Member
2020–2022	University of Idaho College of Education, Health, & Human Services Graduate Research and Policy Committee (GRPC), Member
2020	University of Idaho President's Online Learning Working Group, Member
2020	University of Idaho Department of Curriculum & Instruction Third Year Review Committee, Chair
2018–2022	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 3rd 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, Member
2014–2015	University of Wyoming College of Education Research Symposium Planning Committee , Member
2014–2017	University of Wyoming College of Education Advisory Council for Teacher Education, Department of Professional Studies Representative

PROFESSIONAL AND SCHOLARLY ORGANIZATIONS

Memberships/Leadership

2019–2021	IEEE Industry Connections-Industry Consortium on Learning Engineering (ICICLE)
2019–2020	American Educational Research Association (AERA)
2016–Present	Society for Information Technology and Teacher Education (SITE)
2017–Present	SIG Social Media
2018–2022	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)
2022	Candidate for AECT President
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 Engagement

2021–Present	Associate Editor, *eLearn Magazine*
2020–2021	Special Issue Guest Co-Editor, *Journal of Applied Instructional Design*; Designing for all: An exploration of universal design for online learning
2019–Present	Journal Reviewer, *Journal of Computing in Higher Education*
2018–2019	Journal Reviewer, *npj Science of Learning*
2018–2019	Special Section Guest Editor, *International Journal of Designs for Learning*; High-stakes/high-impact distance learning contexts
2018–Present	Journal Reviewer, *Educational Technology Research & Development* (ETR&D)
2018–2022	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
2017–2020	Journal Reviewer, *British Journal of Educational Technology* (BJET)
2017–2019	Journal Reviewer, *Journal of Experiential Education* (IJEE)
2017–2020	Proposal Reviewer, AERA Annual Meeting SIG Design and Technology
2017–2020	Journal Reviewer, *International Journal for the Scholarship of Teaching & Learning* (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, *TechTrends*; Social media & emerging spaces: Professional development in the 21st century
2016–Present	Journal Reviewer, *International Journal of Designs for Learning* (IJDL)
2015–2016	Proposal Reviewer, Wyoming Department of Education Trust Fund Grant
2015–Present	Journal Reviewer, *TechTrends*
2013–Present	Proposal Reviewer, AECT International Convention Division of Distance Learning / Teacher Education Division
Fall 2014	Manuscript Editor, *SAGE Open*

Conference/Meeting Planning

2021	AECT Annual Convention Co-Planner (Chicago, IL + Virtual)
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	University of Idaho Naval Pathways to STEM Scholarship, Selection Committee
2021–Present	Business Professionals of America (BPA) Idaho Region 2 Leadership Conference Judge; Podcasting & Media Production
2021–Present	Idaho STEM Action Center-Idaho North & North Central (INNC) EcosySTEM Partner
2020–2021	Wellness for Educators, Board Member
2017–2018	Eureka! Palouse (Moscow, ID), Board Member
2015–2016	#AECTchat Twitter chat, Co-Moderator & Coordinator
2015–2017	#wyoedchat Twitter chat, Guest Moderator
2014–2017	Laramie Robotics Club, Faculty Mentor

2014–2017	Google Educator Group (GEG) – High Plains, Chapter Leader
2015–2017	University of Wyoming International Programs Office, Digital Consultant
2014–2017	Wyoming FFA Career Development Events Evaluator; Agricultural Technology & Mechanical Systems
2014–2015	ATD/IACET: Instructional Design Competency Study, Advisory Board Member
2013–2015	Laramie Friendship Families, International Student Host Family

MEDIA HIGHLIGHTS

Into the Fire: Graduating Scientist and Teacher Aims to Ignite Students' Passion for Knowledge

Fall 2022 — Belinda Sell knows the teaching profession is under a lot of scrutiny. She also knows that because of recent heavy use of virtual learning and hybrid learning models, many students are not fully engaged in learning. Despite these challenges, she is unfazed about diving into her chosen profession. "She really is both a scientist and a teacher and that will benefit everyone she teaches," said Tonia Dousay, former associate professor of learning sciences at U of I and faculty advisor for Sell. "She knows the best way to connect students with learning about science is to get them excited about hands-on projects."
https://www.uidaho.edu/ed/news/2022/pizza

AECT to recognize global teaching and learning successes during the COVID-19 pandemic with HERO awards

April 27, 2021 — The global pandemic revealed many heroes in teaching and learning across the world. The Association for Educational Communications and Technology intends to identify and recognize them by establishing the Honoring Educational Revolutions in Online (HERO) Practice Awards. The awards will recognize innovative uses of educational technology across a variety of settings in response to the COVID-19 pandemic's impacts on teaching and learning.
https://www.prnewswire.com/news-releases/aect-to-recognize-global-teaching-and-learning-successes-during-the-covid-19-pandemic-with-hero-awards-301278434.html

Aha Moments in Adaptability

Spring 2021 — Going digital is not what Keara Sandy had in mind when she decided to become a teacher in hopes of connecting kids with nature. But when her first practicums switched from classroom to screen, two University of Idaho educators united to help students pivot. U of I Extension Educator Jim Ekins leads water science lessons as the regional partner for Project WET (Water Education Today). He shares the curriculum with Professor Tonia Dousay's students every year, but the hands-on nature of his lessons conflicted with pandemic protocols.
https://www.uidaho.edu/news/here-we-have-idaho-magazine/aha-moments

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