Noelle Wall Sweany

Learning Design & Technology
Department of Educational Psychology
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Education

1994-1999   **The University of Texas at Austin**
Ph.D., May 1999
Department of Educational Psychology
Specialization: Instructional Technology

1991-1994   **The University of North Texas, Denton, TX**
B.A., May, 1994, *magna cum laude*
Major: Computer Science

Academic Positions

2020 – present   **Clinical Professor**
Learning Design & Technology Program
Dept. of Educational Psychology
Texas A&M University

2014 – 2020   **Clinical Associate Professor**
Learning Design & Technology Program
Dept. of Educational Psychology
Texas A&M University

2013-2014   **Clinical Assistant Professor** (part-time)
Learning Technologies
Dept. of Curriculum & Instruction
University of Texas at Austin

2013-2014   **Graduate Adjunct Professor**
Dept. of Educational Technology
Boise State University

2007-2014   **Graduate Adjunct Professor**
Dept. of Organizational Performance & Workplace Learning
(formerly Instructional & Performance Technology)
Boise State University

2002-2004	**Assistant Professor** Instructional Design & Technology Dept. of Organizational Communication, Learning, and Design Ithaca College
2000-2002	**Assistant Professor** Dept. of Communication Arts University of the Incarnate Word

Administrative Experience

2023 – present	**Associate Department Head for Graduate Affairs** **Department of Educational Psychology** **Texas A&M University** Assist the department chair in supporting the academic needs of the department's graduate programs across six divisions. Broad areas of responsibility include curriculum, assessment, recruitment, and admissions.
Fall 2023	**Chair, Learning Sciences** **Department of Educational Psychology** **Texas A&M University** Serve the needs of 11 faculty members and approximately 170 students across five degree programs (3 master's, 2 doctoral). Broad areas of responsibility include curriculum, scheduling, budgeting, hiring, recruitment, admissions, and communications.
2016 – present	**Coordinator, Learning Design & Technology M.Ed. program [online]** **Department of Educational Psychology** **Texas A&M University** Coordinate graduate program with average annual enrollment of 60 students. Perform a variety of administrative roles, including course scheduling and staffing, advising online students, addressing questions from potential applicants, reviewing applicant materials, supervising adjuncts, assessing curriculum outcomes, addressing student concerns, and supervising program graduate assistant.
2020 – 2022	**Associate Department Head for Academic Affairs** **Graduate & Undergraduate Studies** **Department of Educational Psychology** **Texas A&M University** Assist the department chair in supporting the academic needs of the six divisions of the department. Broad areas of responsibility include curriculum, scheduling, assessment, recruitment, and admissions.

Awards & Honors

2021	Mentoring Undergraduate and Graduate Students (MUGS) Award, Dept. of Educational Psychology, Texas A&M University
2019	Association of Former Students Distinguished Achievement in Teaching Award, College of Education and Human Development, Texas A&M University
2018	Outstanding Teaching Award, Dept. of Educational Psychology, Texas A&M University
2017	Named Exemplary Distance Educator, College of Education and Human Development, Texas A&M University
2017, 2018	Recognized by Texas A&M University's Veteran Resource & Support Center for outstanding support of a recent student veteran graduate (Fall & Spring)

UNIVERSITY TEACHING

Texas A&M Graduate Courses (online)

LDTC 608 Online Course Design
LDTC 613 Integrating Technology in Learning Environments
LDTC 631 Educational Video
LDTC 642 Designing for Mobile Learning
LDTC 645 Emerging Technologies for Learning I
LDTC 646 Emerging Technologies for Learning II
LDTC 654 Instructional Design
LDTC 655 Instructional Design II

RESEARCH

PUBLICATIONS
Peer-Reviewed Journal Articles (Bold font indicates TAMU students)

Li, Y., Finch, S., Sweany, N., Kwok, O. (2022). Exploring Sound Use in Embodied Interaction to Facilitate Learning in a Digital Environment. Journal of Applied Instructional Design, 11(4). http://doi.org/10.51869/114/lfsk

Johnson, W. D., Peres, S. C., Benden, M. E., Mehta, R. K., Pickens, A., Smith, M. L., Sweany, N., & Johnson, M. A. (2021). Lingual and Non-Lingual Safety Training Methodology Effectiveness: Does Language Of Origin Impact Effectiveness. International Journal of Industrial Ergonomics. 86 103183-103183.

Chien, H. Y. Kwok, O. M., **Yeh, Y**. C., Baek, E., Sweany, N. W., & McIntosh, W. (2020). Identifying At-Risk Online Learners by Psychological Variables Using Machine Learning Technique. Online Learning, 24(4), 131-146.

Sweany, N., Finbow, E., **Li, Y., & Burgner, R.L.** (2020). The VIP Approach - Applying a Virtual, Interdisciplinary Partnership to Support Innovation and Authentic Learning in Distance Education. TechTrends, 64(4), 646-654.

Sweany, N. (2020). From theory to practice: Evidence-based strategies for designing and developing engaging online courses. Syracuse Law Review, 70(1), 167-180.

Sweet, K., LeBlanc, J., Stough, L., & Sweany, N. (2020). Community building and knowledge sharing by individuals with disabilities using social media. Journal of Computer-Assisted Learning, 36(1), 1-11.

Yeh, Y. C., Kwok, O. M., **Chien, H. Y**., Sweany, N. W., Baek, E., & McIntosh, W. (2019). How college students' achievement goal orientations predict their expected online learning outcome: The mediation roles of self-regulated learning strategies and supportive online learning behaviors. Online Learning, 23(4), 23-41.

Shell, D. F., Husman, J., Turner, J. E., Cliffel, D. M., Nath, I., & Sweany, N. (2005). The impact of computer supported collaborative learning communities on high school students' knowledge building, strategic learning, and perceptions of the classroom. Journal of Educational Computing Research, 33(3), 327-349.

Turner, M., Sweany, N., & Husman, J. (2000). Development of the computer interface literacy measure. Journal of Educational Computing Research, 22(1), 37-54.

Peer-Reviewed Conference Proceedings

Kwok, O., **Yeh, Y., Chien, H.,** Sweany, N., Baek, E., & McIntosh, W. (2019). Finding the at-risk online learners: Development of the Online REadiness Screener (ORES). In Companion Proceedings of the 9th International Conference on Learning Analytics and Knowledge (LAK19) (pp.159-160). New York, NY: ACM. [Google H5-index (March, 2019): 34; ranked 7th in "Educational Technology" based on Google Scholar Metrics]

Evaluation Reports

Shell, D. F., Husman, J., Cliffel, D., Nath, I., Sweany, N., & Turner, J. (1997). Project CIRCLE: Second Year Evaluation Report. Washington, DC: U.S. Department of Education, Secretary's Fund for Innovation in Education.

Shell, D. F., Husman, J. E., Droesch, D. M., Nath, I., Wall-Sweany, N., & Turner, J. (1995). Project CIRCLE: First Year Evaluation Report. Washington, DC: U.S. Department of Education: Secretary's Fund for Innovation in Education.

Invited Presentations

Sweany, N. (2019). Best practices for designing and developing engaging online courses. Invited presentation for Syracuse Law Review Symposium: Online Learning and the Future of Legal Education, Syracuse University, Syracuse, NY.

Sweany, N. (2018). Mobile learning: Best practices. Invited presentation for Taking Legal Education Online: A Conference for Deans and Associate Deans, George Mason University, Washington, DC.

Sweany, N. (2018). Developing a successful online course. Invited member of panel presentation for Taking Legal Education Online: A Conference for Deans and Associate Deans, George Mason University, Washington, DC.

Sweany, N. (2018). Mobile learning: Transforming education & industry. Invited presentation for Brazos Valley Association for Talent Development (ATD) meeting, College Station, TX.

Peer-Reviewed Presentations (Bold font indicates TAMU students)

National & International

Woodward, J., Whiteside, E., & Sweany (2024). Classroom Connections Across Continents: The Intersection of Instructional Design, Inclusion, And Global Education. . Paper presented at the 2024 International Conference on Education and New Developments (END), Porto, Portugal.

Guo, W., Tong, F., Guo, D., Alecio, R., Irby, B., Sweany, N. (2021). Game-Based Digital Learning on EFL/ESL Learners' Vocabulary Acquisition: A Scoping Review of the Literature. Paper presented at the 2021 annual meeting of the American Educational Research Association, [virtual conference].

Montague, M., Sweany, N., & **Sutedjo, A**. (2020). Inclusiveness, Equity, and Excellence in Teacher Education through Accessibility in Online, Hybrid, and HyFlex Courses. Roundtable presented at the 2020 annual meeting of the Association of Teacher Educators, [virtual conference].

Yeh, Y. C., Kwok, O. M., **Chien, H. Y**., Sweany, N. W., Baek, E., & McIntosh, W. (2020). Achievement Goals Predict Online Academic Expectations Through Self-Regulated Learning Strategies and Supportive Online Learning Behaviors. Paper to be presented at the 2020 annual meeting of the American Educational Research Association, San Francisco, CA, USA. http://tinyurl.com/ruw93hx (Conference Cancelled)

Li, Y., Sutedjo, A., Thomas, A., & Sweany, N. (2019, October). Using digital game-based learning in STEM education: An analysis from the instructors' perspective. Paper presented at the 2019 International Convention of the Association for Educational Communications and Technology (AECT), Las Vegas, NV.

Li, Y., Finch, S. & Sweany, N. (2019, October). Exploring the effects of sonic interaction design in the interactive online learning environment. Roundtable presented at the 2019 International Convention of the Association for Educational Communications and Technology (AECT), Las Vegas, NV.

Finbow, E., Sweany, N., & Scotti, C. (2019, June). The VIP approach - Applying a virtual, interdisciplinary, partnership to support innovation and entrepreneurship in higher-ed. Panel presented at the Deshpande Symposium for Innovation & Entrepreneurship in Higher Education, University of Massachusetts – Lowell.

Kwok, O., **Yeh, Y., Chien, H.,** Sweany, N., Baek, E., & McIntosh, W. (2019, March). Finding the at-risk online learners: Development of the Online REadiness Screener (ORES). Paper presented at the 9th International Conference on Learning Analytics and Knowledge (LAK19), Tempe, Arizona.

Sweany, N., **Li, Y**., & Ritter, N. (2018). Developing & using interactive case studies for transformative learning online. Roundtable presented at the 2018 International Convention of the Association for Educational Communications and Technology (AECT), Kansas City, MO.

Sweany, N. (2017). A modern voice for students: The art and practice of digital storytelling. Paper presented at the 2017 Annual Meeting of the Society for Information Technology and Teacher Education (SITE), Austin, TX.

Sweany, N. & Juntune, J. (2016). Design strategies for supporting creative thinking in online learning environments. Paper presented at the 2016 International Convention of the Association for Educational Communications and Technology (AECT), Las Vegas, NV.

Sweany, N. (2015). Enhancing teaching and social presence in an online master's program in educational technology. Paper presented at the 2015 International Convention of the Association for Educational Communications and Technology (AECT), Indianapolis, IN.

Sweany, N. (2004). OTIS grows up: How learning theory informs the development of an online toolkit to improve self-regulation. Paper accepted for presentation at the 2004 International Convention of the Association for Educational Communications and Technology (AECT), Chicago, IL.

Sweany, N. (2003). The Design and development of OTIS: An online toolkit to improve self-regulation. Paper presented at the 2003 International Convention of the Association for Educational Communications and Technology (AECT), Anaheim, CA.

Sweany, N. (2001) The interaction of learner characteristics and instructional design: The need for applying educational psychology theory to instructional technology research. Paper presented at the 2001 World Conference on the WWW and Internet, Orlando, FL.

Greenberg, V. & Sweany, N. (2000). Confirmation bias and computer usage across the digital divide. Poster presented at the 2000 World Conference on the WWW and Internet, San Antonio, TX.

Sweany, N. (2000). The relationship between strategic learning and college students' hypermedia navigation. Roundtable presented at the 2000 Annual Meeting of the American Educational Research Association, New Orleans, LA.

Turner, M., Sweany, N., & Husman, J. (1998). Redefining and measuring computer literacy for the 21st century. Poster presented at the 1998 International Congress of Applied Psychology, San Francisco, CA.

Sweany, N., & Williams, D. (1997). Effect of students' learning profile on use of cognitive strategies in a hypermedia environment. Poster presented at the 1997 World Conference on Educational Multimedia and Hypermedia, Calgary, Canada.

Platt, P., Hazard, G., Williams, D., & Sweany, N. (1997). Young Americans on America: Bridging cultural and geographic diversity. Paper presented at the 1997 World Conference on Educational Multimedia and Hypermedia, Calgary, Canada.

Sweany, N., McManus, T., Williams, D., & Tothero, K. (1996). The use of cognitive strategies in a hypermedia environment. Poster presented at the 1996 World Conference on Educational Multimedia and Hypermedia, Boston, MA.

Shell, D. F., Turner, J. E., Husman, J., Droesch-Cliffel, D., Nath, I., & Wall-Sweany, N. (1996). Effects of collaborative, computer-supported, knowledge building communities in high school students' knowledge building and intentional learning. Poster presented at the 1996 Annual Meeting of the American Educational Research Association, New York, NY.

Resta, E.P., Shell, D. F., Husman, J. E., Droesch, D., Nath, I., Wall-Sweany, N., & Turner, J. E., (1995). Project CIRCLE: Innovative strategies for training and supporting teachers in the use of computer-based tools for collaborative learning. Paper presented at the 1995 Computer Support for Collaborative Learning conference, Bloomington, Indiana

Regional

Montague, M., Sweany, N., & **Sutedjo, A**. (2020). Accessibility Matters in Online Learning. Paper presented at the annual meeting of the Texas Association of Teacher Educators (TxATE) Summer Conference, [virtual conference].

Kwok, O., **Yeh, Y., Chien, H**., Sweany, N. W., Baek, E., & McIntosh, A. (2019). Understanding online learners: The development of the Online-Learning REadiness Scale (ORES). Paper presented at the 1st President's Excellence Fund Symposium, College Station, TX.

Roumell, L., Irby, B., Sweany, N., Viruru, R., Rios, A. & **Newton, R**. (2018). Developing high quality online education courses and programs. Roundtable presented at TAMU's Transformational Teaching & Learning Conference (TTLC), College Station, TX.

Sweany, N. & Juntune, J. (2017). Design strategies for supporting creative thinking online. Paper presented at TAMU's Teaching with Technology Conference, College Station, TX.

Sweany, N. & **Resendez, S**. (2016). Digital storytelling: Giving students a voice. Paper presented at TAMU's Teaching with Technology Conference, College Station, TX.

Sweany, N. (2015). Enhancing social presence in a completely online graduate program. Paper presented at the Texas A&M Teaching with Technology Conference, College Station, TX.

Sweany, N. (1999). The relationship between hypermedia use and achievement. Paper presented at the 1999 Annual Meeting of the Southwest Educational Research Association, San Antonio, TX.

Turner, M., Sweany, N., & Husman, J. (1998). Developing the computer interface literacy measure. Paper presented at the 1998 Annual Meeting of the Southwest Educational Research Association, Houston, TX.

Sweany, N. (1997). Identifying the use of cognitive strategies and hyperstrategies in a hypermedia learning environment: An exploratory study. Paper presented at the 1997 Annual Meeting of the Southwest Educational Research Association, Austin, TX.

GRANT & AWARD ACTIVITY - FUNDED
Internal

2023	Woodward, R., Kwok, M., Whiteside, E., & Sweany, N. A Virtual Model for Developing Intercultural Engagement Opportunities. Total Award: $14,680. Texas A&M SEHD Teaching Excellence Grant Role: Co-Investigator ($3,670)
2020	Roumell, E., Viruru, R., Sweany, N., Mendoza, N., & Rios, A. Educational Graduate Programs Research Competencies and Transfer. Total Award: $30,000. Texas A&M CEHD Catapult Grant Role: Co-Investigator ($4,000)
2019-2020	Blake, J. J., Salter, P., Ramasubramanian, S., Luo, W., James, M., Elbert, C. D., Davison, C. H., Rubio-, Goldsmith, P., Sweany, N., Poling, N., & Kailani, S. Project X-CEL: Eliminating Bias in School Discipline through Teacher Training. Total Award: $1,411,051. Texas A&M University X Grant* Role: Co- Investigator ($19,628). Responsible for creating instructional technology curriculum and overseeing design modules for training curriculum on an online mobile platform (Sept 2019 – May 2020) *TAMU X grant restricts PI's and co-I's FTE up to 11.2% per year (~1 month salary) and for PI/co-I FTE to be no more than 15% of the total grant budget. Therefore, FTE is not a direct reflection of PI and co-I intellectual contribution to project.
2016	Summer Institute for Advancement of Quality in Online Teaching. Provided by the College of Education & Human Development for faculty interested in improving the quality and effectiveness of their online courses. Topics covered included fundamental instructional design concepts, copyright regulations, and ADA compliance through a six-week hybrid course that focused on best practices in design, development, and delivery of an online course. Funds provided to develop online course to meet national standards of quality and undergo *Quality Matters* review and certification. Participant selection based on competitive process. ($5,000).

GRANT & AWARD ACTIVITY – UNFUNDED
External

2019   Co-PI. National Science Foundation (NSF). ECR: PEER: Course, Curriculum and Evaluation for Mechatronics in Production Manufacturing and Industry 4.0. (#1935677). Hsieh, S., Sweany, N., Chen, G. $1,455,199

2019   Co-PI. National Science Foundation (NSF). DTI: Educational Experiences in Machine Learning and Smart Automated System Design. (#1949564). Hsieh, S., Sweany, N., Wang, Z. $1,467,876. Role: Co-Investigator

2018   Co-PI. National Science Foundation (NSF). Tele-Mentoring: Embodied Telepresence for Hands-on Technology Learning in Remote Schools (#1822890). Quek, F., Chu, S., Sweany, N. Natarajarathinam, M. $749,991

2018   Co-PI. National Science Foundation (NSF). Strategies: Automation Moves You - Automated System Integration Experiences for Diverse Student Populations (#1850369). Hsieh, S., Sweany, N. $1,182,420

Internal

2021   McLaughlin, T., Andreassen, M., Misemer, S, Roberts, A., Sueda, S., Sweany, N., Walsh, M.,Widmer, J. Visual Storytelling for Teens in a Virtual Production Environment. Texas A&M University X-Grant.

SERVICE

University and System-Level

2018-2020:   Founding Member of School of Innovation's Faculty Advisory Board, Texas A&M University

2018-2019:   Member, Learning Management System (LMS) Selection sub-committee within the Instructional Technology Governance – Teaching and Transformational Learning Technologies Committee, TAMU-System

June 2018:   Online Learning Consultant, Texas A&M University School of Law, Ft. Worth, TX

School of Education and Human Development

2023-present: Member, Graduate Instruction Committee
2022:   Member, SEHD Teaching Excellence Grant Program Review Committee
2022:   Member, Graduate Directors Committee
2020-2022:   Member, Undergraduate Instruction Committee
2020-2021:   Member, EPSY Department Head Search Committee
2020:   Member, Selection Committee for the AFS College-level Teaching Award
2018-2020:   Member, Assessment Council
2018-2020:   Member, Academic & Professional Track Promotion Committee
2018-2020:   Member, Distance Education Committee

Department of Educational Psychology

2023-present: <u>Member</u>, Department of Educational Psychology Executive Committee
2020-present: <u>Chair</u>, Academic & Professional Track Promotion & Review Committee
2020-present: <u>Chair</u>, Academic & Professional Track A-1 Annual Review Committee
2019-2022:   <u>Member</u>, Department of Educational Psychology Awards Committee
2020-2022:   <u>Member</u>, Department of Educational Psychology Executive Committee
2021:   <u>Member</u>, Academic Advisor Search Committee
2020-2021:   <u>Member</u>, Recruitment, Messaging and Outreach for Graduate Admissions
                Committee, Learning Sciences
2017-2021:   <u>Member</u>, Teaching Portal Committee, Learning Sciences
2019-2020:   <u>Member</u>, Academic & Professional Track A-1 Annual Review Committee
2018-2020:   <u>Member</u>, Academic & Professional Track Promotion Committee
2018-2020:   <u>Member</u>, Distance Education Committee
2018-2019:   <u>Search Committee Chair</u>, Assistant/Associate Clinical Professor of Learning
                Design & Technology to serve as Director of Instructional Design for the
                Department of Educational Psychology
2017-2018:   <u>Search Committee Chair</u>, Instructional Designer Staff Position

Presentations for the Profession

Gagne, J. & Sweany, N. (March 26 & October 17, 2021). Developing Your CV Workshop.
    Sponsored by the Educational Psychology Student Organization.

Sweany, N. (November 6, 2020). Invited Panelist to speak at TAMU Women's Faculty Network
    luncheon.

Sweany, N. (July 22, 2019). Augmented Reality 101: Design & Develop Immersive Learning
    Experiences, Distance Education Campus Visit, Department of Educational Psychology,
    Texas A&M University.

Sweany, N. (June 26, 2018). Inservice Session: Mobile learning: Transforming education and
    industry, Distance Education Campus Visit, Department of Educational Psychology,
    Texas A&M University.

Professional Experience - Reviewing

2019   Served as peer reviewer for special issue of TechTrends

2016-2019   Served as a reviewer of proposals for the Association of Educational Communications and
            Technology Annual Convention (Division of Design and Development, Division of
            Emerging Learning Technologies)

2018   Served as textbook reviewer for Cambridge University Press

2015   Provided instructor content review for textbook: Teaching and Learning with Technology
            5/e, Lever-Duffy & McDonald, Pearson

1998   Served as a reviewer of proposals for the World Conference on Educational Multimedia
            and Hypermedia 1999 Annual Meeting

1997   Served as a reviewer of proposals for the International Association of Applied Psychology
            1998 Annual Meeting

1995   Served as a reviewer of proposals for the Motivation Special Interest Group of the
            American Educational Research Association 1996 Annual Meeting.

SPECIALIZED TRAINING AND CERTIFICATIONS

Google Certified Educator, Level 2, 2019

Exemplary Status for Teaching in Distance Education, College of Education and Human
Development, Texas A&M University, 2017

Quality Matters Certification for EDTC 608 Online Course Design: Course was reviewed by a trained
Quality Matters Peer Review Team and certified to meet Quality Matters review expectations, 2017

Google Certified Educator, Level 1, 2017