

RITA “KAY” DETRICK

EDUCATION

OLD DOMINION UNIVERSITY Norfolk, VA
PhD (ABD) Educational Psychology & Program Eval May 2027 (Anticipated)
Dissertation Topic: AI Use and Student SRL
Research Interests: AI in education, technology-enhanced learning.

TROY UNIVERSITY Troy, AL
Master of Social Science (Sociology) May 2017
Sociology, 18 Credits

Bachelor of Science in Psychology May 2014

TIDEWATER COMMUNITY COLLEGE Virginia Beach, VA
Associate of Arts in Liberal Arts 2011

TEACHING EXPERIENCE

Teaching Areas: Sociology; Introduction to Psychology; Research Methods; Learning Strategies; Educational Psychology

OLD DOMINION UNIVERSITY Norfolk, VA
Graduate Teaching Assistant, STEMPS Aug 2025 – Present
Instructor of record (undergraduate, in-person) for a 3-credit, in-person undergraduate course (FOUN 101: Learning to Learn) focused on foundational theories and research in educational psychology, emphasizing metacognition, motivation, and effective learning strategies.

AI in Education Instructor Oct 2025 – Present
Designed and taught an introductory online synchronous course on generative AI in education, emphasizing AI literacy and critical evaluation across K–12 and higher education settings.

Guest Lecturer, Instructional Design Mar 2025
Provided a lecture on consulting & change management for IDT 7/837: Consulting Skills for Instructional Designers at Old Dominion University.

RESEARCH EXPERIENCE

OLD DOMINION UNIVERSITY

Norfolk, VA

Graduate Research Assistant, STEMPS

Aug 2023 – Present

Supervisors: Dr. Jinhee Kim, Dr. Xinyue Ren, & Dr. Elizabeth Burns

Support interdisciplinary research and teaching focused on the integration of artificial intelligence in education, with a specific emphasis on student-AI interaction.

Research & Scholarship

Collaborated on multiple funded and faculty-led studies exploring GenAI's role in learning environments, particularly its effects on student engagement, self-regulation, and collaboration.

Co-authored 9+ scholarly manuscripts (published, in press, or under review), contributing to literature reviews, data analysis, and academic writing.

Conducted qualitative interviews, transcribed data, and applied coding techniques to analyze student interactions, written artifacts, video data, and AI-generated content.

Supported mixed-methods research, including survey design, data collection, and quantitative analysis using tools like SPSS and Qualtrics.

Instructional & Educational Support

Designed instructional resources such as AI prompt guides, reference handouts, and tutorial videos for use in AI-focused graduate and undergraduate courses.

Assisted in developing learning activities that blended theory with hands-on exploration of AI applications in educational settings.

Academic Service & Dissemination

Delivered presentations at national and international conferences, sharing findings on GenAI in education, doctoral student experiences, and online learning.

Provided editorial and proofreading support for faculty-authored manuscripts, book chapters, and conference proposals, ensuring alignment with academic publishing standards.

TROY UNIVERSITY

Remote/Virtual

Research Assistant, Sociology

2016 – 2019

Supervisor: Dr. Jeneve Brooks

Conducted interdisciplinary research analyzing peace and war themes in American music, focusing on their societal impact and cultural significance.

PROFESSIONAL EXPERIENCE

SOLUTIONS FOR INFORMATION DESIGN, INC.

VA

Innovation Strategist

09/2017 – 09/2025

Served as the primary innovation lead on SOLID's Corporate Management Team, reporting directly to executive leadership. Led a high-impact team driving strategic initiatives, product vision, and organization-wide innovation.

Strategic Leadership & Partnerships

Shaped organizational strategy and guided enterprise innovation efforts in support of federal, postsecondary, nonprofit, and philanthropic clients.

Cultivated strategic partnerships that unlocked new business opportunities and funding streams, including federal contracts, philanthropic grants, and commercial ventures.

Led cross-functional teams and incubator initiatives, managing projects ranging from \$20K to \$1.8M in annual value.

Business Development & Communications

Authored and delivered compelling proposals, pitch decks, and strategic roadmaps that have secured high-profile engagements and expansion opportunities.

Represented SOLID externally at national conferences, stakeholder meetings, and innovation summits to promote organizational capabilities and vision.

Product & Platform Development

Directed the development and evolution of credentialing and career pathway platforms for military and civilian populations, including MilGears and Map My Future.

Integrated user-centered design, agile methodologies, and stakeholder input to drive iterative improvements and product-market alignment.

Skills Recognition & Workforce Strategy

Designed and implemented scalable methodologies to translate military training and experience into civilian-recognized skills and digital credentials.

Conducted occupational analysis and labor market research to support skills-based hiring, competency-based education, and workforce development initiatives.

Developed frameworks and assessment tools to support evaluation, credential validation, and strategic decision-making.

HAWAII BEHAVIORAL HEALTH
Paraprofessional

Honolulu, HI
2013 - 2014

Provided both in-classroom and in-home support for children and adolescents with autism and other developmental delays, under individualized educational and behavioral support plans.

PUBLICATIONS

Peer-Reviewed Journal Articles

Ren, X., Zhou, Y., & Detrick, R. (2025). Investigating working adult learners' feedback literacy in online project-based learning: A convergent mixed methods study. *Distance Education*. <https://doi.org/10.1080/01587919.2025.2571899> [SSCI-indexed, JIF Quartile= Q1, IF=3.0, IF5=4.7, Acceptance rate: 11%]

Kim, J., Yu, S., **Detrick, R.**, Lin, X., & Li, N. (2025). Designing AI-powered learning: Adult learners' expectations for curriculum and human-AI interaction. *Educational technology research and development*. <https://doi.org/10.1007/s11423-025-10549-z> [SSCI-indexed, JIF Quartile= Q1, IF=4.2, IF5=5.3, Acceptance rate: 10%]

Kim, J., Lee, S. S., **Detrick., R.**, Wang, J., & Li, N. (2025). Students-Generative AI interaction patterns and its impact on academic writing. *Journal of Computing in Higher Education*. <https://doi.org/10.1007/s12528-025-09444-6> [SSCI-indexed, JIF Quartile= Q1, IF= 4.9, IF5=5.2, Acceptance rate: 12%]

Kim, J., Yu, S., Lee, S. S., & **Detrick, R.** (2025): Students' prompt patterns and its effects in AI-assisted academic writing: Focusing on students' level of AI literacy, *Journal of Research on Technology in Education*. <https://doi.org/10.1080/15391523.2025.2456043> [SSCI-indexed, JIF Quartile= Q1, IF=5.0, IF5=5.9, Acceptance rate: 7%]

Kim, J., **Detrick, R.**, Yu, S., Song, Y., Bol, L., & Li, N. (2025). Socially shared regulation of learning and Generative AI: Opportunities to support socially shared regulation. *Education and Information Technologies*. <https://doi.org/10.1007/s10639-024-13187-9> [SSCI-indexed, JIF Quartile= Q1, IF= 5.4, IF5=5.7]

Kim, J., Yu, S., **Detrick., R.**, & Li, N. (2024). Exploring students' perspectives on Generative AI-assisted academic writing. *Education and Information Technologies*. <https://doi.org/10.1007/s10639-024-12878-7> [SSCI-indexed, JIF Quartile=Q1, IF=5.4, IF5=5.7]

Book Chapters

Chan, W. S., Kim, J., Yu, S., & **Detrick, R. K.** (2026). Learning design to advance human–AI collaboration in K–12 education. In R. Zheng (Ed.), *The intersection of AI and student development in learning*. IGI Global Scientific Publishing. <https://www.igi-global.com/gateway/chapter/397703>

Detrick, R., & Kim, J. (2025). Collaborative approaches: Bridging the gap between generative AI developers and educators. In S. Sabbaghan (Ed.), *Navigating Generative AI in Higher Education: Ethical, Theoretical and Practical Perspectives*.

Fan, L., Kim, J., **Detrick, R.**, & Li, N. (2025). Developing students' higher-order thinking skills with generative AI insights and strategies from a case study. In A. El Sayary (Ed.), *Prompt Engineering and Generative AI Applications for Teaching and Learning* (pp. 411-428). IGI Global Scientific Publishing. <https://doi.org/10.4018/979-8-3693-7332-3.ch024>

Conference Proceedings

Kim, J., **Detrick, R.**, Lee, S., & Li, N. (2025). Impact of AI literacy on student-AI interactions on academic writing. In Rajala, A., Cortez, A., Hofmann, H., Jornet, A., Lotz-Sisitka, H., & Markauskaite, L. (Eds.), *Proceedings of the 19th International Conference of the Learning Sciences - ICLS 2025* (pp. 1265-1269). International Society of the Learning Sciences. <https://repository.isls.org//handle/1/11254>

Kim, J., **Detrick, R.**, Lee, S., Li, N. (2025, May). GenAI in online collaborative argumentation: Comparing interaction patterns between high and low performers. *Proceedings of the 2025 5th International Conference on Artificial Intelligence and Education (ICAIE). IEEE.* <https://doi.org/10.1109/ICAIE64856.2025.11158539>

PRESENTATIONS

Detrick, R., Kim, J., & Lin, X. (2025, December). AI-supported game design for lesson planning in professional military education. *Military Scholarship of Teaching and Learning (MSOTL) Forum*. Virtual.

Brown, E., Azeez, M. **Detrick, R.**, & Kim, J. (2025, October). Teacher perspectives on AI integration challenges in rural Nigerian multigrade education. *AECT International Convention*. Las Vegas, NV, USA.

Detrick, R., Kim, J., Lin, X., & Li, N. (2025, June). Designing AI-Powered learning for adult learners: Expectations, interactions, and curriculum needs. *AECT International Convention*. Las Vegas, NV, USA.

Kim, J., **Detrick, R.**, Lee, S. S., & Li, N. (2025, June). Impact of AI literacy on student-GenAI interactions on academic writing. *International Society of the Learning Sciences (ISLS) Annual Meeting*. Helsinki, Finland.

Detrick, R., Kim, J., Yu, H., Li, J., & Li, N. (2025, May). A Conceptual Model for University Students' Use of Generative AI Based on Expectancy-Value Theory. *2025 International Conference on Artificial Intelligence and Education (ICAIE)*. Suzhou, China.

Detrick, R., Butler, B. M. (2025, April). An Exploratory Study of Online Doctoral Student Experiences. Roundtable. *AERA 2025 Annual Meeting*. Denver, CO, USA.

Tu, H., Nasr, N. R., **Detrick, R.**, Harati, H., Yen, C. J., & Peterson, P. J. (2025, April). Exploring the Relationship between Teaching Presence and Student Closeness in Online Discussions over Time. Paper session. *AERA 2025 Annual Meeting*. Denver, CO, USA.

Kim, J., & **Detrick, R.** (2025, February). Shaping the Future of Learning: Multisectoral Collaboration to Advance Human-AI Collaboration in Education. *Centre for Artificial Intelligence Ethics, Literacy, and Integrity*. University of Calgary, Alberta, Canada.

Detrick, R. (2025, February). Empowering Service Members through Skills Identification and Digital Credentials. *Council of College and Military Educators National Symposium*. National Harbor, MD, USA.

Li, N., Kim, J., Lee, S.S., Wang, J., Li, B., & **Detrick, R.** (2024, September). University students' AI emotional partner. *Chinese Psychological Association Educational Psychology Committee 2024 academic annual conference*, Tianjing, China.

Detrick, R., Kim, J., Li, N. (2024, July). Academic writing and the impact of student-generative AI interactions. *2024 10th International Conference on Smart Computing and Communication (ICSCC)*, Bali, Indonesia.

McVicker, M., & **Detrick, R.** (2024, June). Credentialing: Going digital with DOD MilGears - Pathways towards success. *The Army Learning Symposium*. Fort Leavenworth, KS, USA.

Detrick, R., & Kim, J. (2024, June). [Exploring students' perspectives on Generative AI-assisted academic writing](#). *The Army Learning Symposium*. Fort Leavenworth, KS, USA.

Parker, D., & **Detrick, R.** (2024, June). [Manufacturing Readiness Badges: Using alternative credentials to communicate military-earned skills](#). *The Army Learning Symposium*. Fort Leavenworth, KS, USA.

Li, N., Kim, J., Lee, S.S., Wang, J., Li, B., & **Detrick, R.** (2024, May). Designing emotional AI to reduce university students' academic stress. *EdVenture: Exploring Innovation in Higher Education*, Suzhou, China.

Detrick, R., Wang, J., Li, B., Kim, J., & Li, N. (2024, May). Exploring students' perceptions and experiences with Generative AI in academic writing. *The 9th Education Innovation Conference*, Suzhou, China.

Li, N., Kim, J., Lee, S.S., Wang, J., Li, B., & **Detrick, R.** (2024, March). Can AI be a supportive emotional partner for university students? *The 4th International Conference on Artificial Intelligence in Education*. Chengdu, China.

McVicker, M., Runco, L., & **Detrick, R.** (2024, January). Going Digital with DOD MilGears: Use-cases for the Military LER. *Council of College and Military Educators National Symposium*. Aurora, CO, USA.

Carrick, G., Chaisson, M., & **Detrick, R.** (2024, January). Manufacturing Readiness Badge: Using alternative credentials to communicate military-earned skills. *Council of College and Military Educators National Symposium*. Aurora, CO, USA.

Detrick, R. (2022). Leveraging DOD MilGears to Support the Higher Education-Career Transition for Student Veterans. *CAEL, Veterans Higher Education Affinity Group Meeting*.

Detrick, R. (2022). MilGears Engage My Career Tool. *VA-ACME Military Educators' Symposium*. Virginia Beach, VA, USA.

Detrick, R. (2020). Military Learner and Employment Records. *T3 Network Annual Meeting*. Washington, DC, USA.

SERVICE

Peer Reviewer, Australasian Journal of Educational Technology, 2026

Peer Reviewer, Cogent Education, 2025/2026

Proposal Reviewer, AECT Online Conference, 2025

Peer Reviewer, Journal of Educational Computing Research, 2025/2026

Proposal Reviewer, ISLS Annual Meeting, 2025/2026

Proposal Reviewer, American Psychological Association Annual Meeting, 2025

Proposal Reviewer, EDUCAUSE, 2024/2025

Council member, Suffolk Public Schools CTE Advisory Council, 2023-2024

Session Presider, The Society for the Study of Social Problems, 2018

AWARDS AND HONORS

Excellent Oral Presentation, International Conference on Artificial Intelligence and Education, 2025

Linda Townsend Award, Virginia Assessment Group, 2024

Diversity Fellowship, Summer Institute in Survey Research Techniques, University of Michigan, 2019

PROFESSIONAL MEMBERSHIPS

International Society of the Learning Sciences, 2025-present

Association for Educational Communications and Technology, 2025-present

American Psychological Association, 2023-present

American Educational Research Association, 2023-present

EDUCAUSE, 2023-present

Omicron Delta Kappa Honor Society, 2023-present

Project Management Institute, 2020-present

PROFESSIONAL DEVELOPMENT

Teaching Development

ODU Graduate Teaching Assistant Institute 2025

Research Ethics & Compliance

CITI Social & Behavioral Research Certification 2025
CITI Responsible Conduct of Research 2022

Professional Trainings

ODU Design Thinking Jam Session 2025

IBM's [Enterprise Design Thinking Practitioner](#) 2024

INNOVATE Monarchs, Design thinking experiential learning studio 2024

[Project Management Basics - An Official PMI Online Course](#) 2024

[Google Foundations of Project Management](#) 2021

PMI's Kickoff—Agile Project Management 2021

[Certificate Program for the Credentialing Specialist](#) 2018

American Red Cross Adult and Pediatric First Aid/CPR/AED Current

REFERENCES AVAILABLE UPON REQUEST