

Rita “Kay” Detrick

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Education

OLD DOMINION UNIVERSITY

PhD (ABD) Educational Psychology & Program Eval

Dissertation Topic: AI Use and Student SRL

Norfolk, VA

In Progress, 2027

TROY UNIVERSITY

Master of Social Science

Concentration: Sociology (18 credits)

Troy, AL

May, 2017

Bachelor of Science in Psychology

Minor: Criminal Justice

May, 2014

TIDEWATER COMMUNITY COLLEGE

Associate of Arts in Liberal Arts

Virginia Beach, VA

2011

Teaching Experience

OLD DOMINION UNIVERSITY

Guest Lecturer

Course: IDT 860 Cognition and Instructional Design

Responsibilities: Invited to teach one synchronous online graduate-level lecture on the topic of artificial intelligence in education.

Norfolk, VA

Spring, 2026

Instructor of Record

Course: AI in Education: Design, Teaching, and Assessment

Responsibilities: At the invitation of ODU’s Office of International Collaborations, designed and taught a 7-session online synchronous course on generative AI in education for educators across K–12 and higher education settings, with emphasis on instructional design, teaching practice, and assessment.

Spring, 2026

Instructor of Record

Course: Learning to Learn

Responsibilities: Developed and delivered two weekly 75-minute lectures (18 - 27 students) to undergraduate students from diverse backgrounds and majors for two semesters. Designed quizzes and reflective activities to assess learning and support self-regulated learning. Implemented active-learning strategies and iterative course improvements to enhance student engagement, persistence, and academic skill development. End-of-course feedback indicated that students found the course interactive and supportive.

Fall, 2025 - Spring, 2026

Instructor of Record

Course: Introduction to AI in Education

Responsibilities: In collaboration with ODU’s Office of International Collaborations, designed and taught a 7-session, online synchronous course on generative AI in education for international learners. The course emphasized AI literacy, critical evaluation, and project-based application across K–12 and higher education contexts. Positive end-of-course feedback informed the decision to offer a related course in a subsequent semester.

Fall, 2025

Guest Lecturer

Course: IDT 837 Consulting Skills for Instructional Designers

Responsibilities: Invited to teach one synchronous online graduate-level lecture related to my experience with consulting and change management.

Spring, 2025

Research Experience

Research Interests: Learning and motivation in higher education; self-regulated and socially shared regulation of learning; academic identity and student experience; qualitative and mixed-methods research in education; online and technology-mediated learning environments; equity, access, and nontraditional learners; student interactions with emerging educational technologies.

OLD DOMINION UNIVERSITY

Graduate Research Assistant

Supervisor: [Dr. Elizabeth Burns](#)

Norfolk, VA
August, 2025 – Present

Supporting research in library and information science focused on school librarians' AI self-efficacy and instructional practice. Collaborating on a mixed-methods study examining librarians' beliefs, confidence, and professional use of AI tools.

Responsibilities include contributing to study design, conducting literature reviews, developing and administering survey instruments in Qualtrics, and preparing data for quantitative and qualitative analysis. Currently leading data analysis and manuscript development, including results reporting. Additionally, supporting the design of a program evaluation study examining the impact of course modality changes (16-week vs. 8-week formats) in LIS graduate programs, including IRB preparation and comparative research design.

Graduate Research Assistant

Supervisor: [Dr. Jinhee Kim](#)

August, 2023 – August, 2025

Conducted research on generative AI in education, with a focus on human–AI interaction, student prompt practices, AI literacy, self-regulated and socially shared regulation of learning, and students' experiences with AI-assisted academic writing. Contributed to empirical studies examining how learners engage with AI tools across academic contexts.

Responsibilities included conducting qualitative interviews, transcribing and coding data, supporting survey-based and mixed-methods analyses, and drafting and revising manuscripts. Co-authored multiple peer-reviewed journal articles, book chapters, and conference proceedings, and contributed to national and international conference presentations (e.g., MSOTL Forum, AECT, ISLS, ICAIE). Served as lead author on one peer-reviewed journal article and one book chapter, with additional manuscripts currently under review.

Graduate Research Assistant

Supervisor: [Dr. Xinyue Ren](#)

August, 2023 – August, 2025

Conducted research on working adult learners' experiences in online and project-based learning environments, with emphasis on feedback literacy and learner perceptions of peer and instructor feedback. Contributed to mixed-methods studies examining how adult learners engage with feedback and instructional supports.

Responsibilities included conducting literature reviews (e.g., trauma-informed pedagogy, gamification in professional development, mindfulness in educational contexts, and mixed-methods research), designing and administering surveys in Qualtrics, transcribing and conducting interviews, assisting with data collection, and contributing to manuscript development and revision. Co-authored a peer-reviewed journal article on working adult learners' feedback literacy in online project-based learning.

Professional Experience

SOLUTIONS FOR INFORMATION DESIGN, INC. Innovation Strategist | Senior Research Analyst

Remote
2017 – 2025

Led applied research, design, and evaluation initiatives at the intersection of education, workforce development, and credentialing, with a focus on translating learning and skills into transparent, portable outcomes. Served as a senior member of the corporate management team, collaborating directly with executive leadership while leading cross-functional project teams.

Directed the design and development of large-scale credentialing and career pathway platforms for military and civilian populations (e.g., [MilGears](#), [Map My Future](#)), integrating user-centered design, stakeholder input, and iterative development practices. Conducted occupational analysis, skills mapping, and labor market research to support skills-based hiring, competency-based education, and credit-for-prior-learning initiatives.

Developed evaluation frameworks, assessment tools, and research-informed methodologies to support decision-making, credential validation, and program improvement across federal, postsecondary, nonprofit, and philanthropic contexts. Contributed to grant writing, proposals, and strategic communications, and represented the organization at national conferences and professional convenings related to education, workforce development, and credentialing.

Publications

PEER-REVIEWED JOURNAL ARTICLES

Kim, J., Lin, X., Yu, S., & **Detrick, R.** (2026). Adult learners' perspectives of AI applications in supporting andragogy. *Educational Technology Research and Development*. <https://doi.org/10.1007/s11423-026-10621-2> [SSCI-indexed, JIF Quartile= Q1, IF=4.2, IF5=5.3, Acceptance rate: 10%]

Kim, J., Yu, S., **Detrick, R.**, Fan, L., & Li, N. (2026). Students' perception of generative AI-assisted collaborative argumentation. *European Journal of Education Research, Development and Policy*. <https://doi.org/10.1111/ejed.70576> [SSCI-indexed, JIF Quartile= Q3, IF=3.6, IF5=4, Acceptance rate: 12.1%]

Detrick, R., Kim, J., Lee, E., Touchstone, E., Yu, Y., Jia, M., & Rusli, L. (2026). Healthy habits on campus: A field study of nudge-based interventions to promote healthier food choices. *Applied Psychology: Health and Well-Being*. <https://doi.org/10.1111/aphw.70117> [SSCI-indexed, JIF Quartile= Q1, IF=3.6, IF5=4.3, Acceptance rate: 11%]

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*. Edward Elgar Publishing. <https://doi.org/10.4337/9781035337873.00018>
- 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

- Yang, G., Kim, J., **Detrick, R.**, Fan, L., Chan, W. S., & Li, N. (2026). Patterns of student-AI collaboration in problem-solving: An ordered network analysis. *International Society of the Learning Sciences (ISLS) Annual Meeting*. Irvine, CA.
- Yang, G., Kim, J., **Detrick, R. K.**, & Li, N. (2026). Patterns of student-AI interaction in collaborative problem solving. *International Conference on Artificial Intelligence and Education (ICAIE)*. Taicang, China
- Detrick, R. K.**, Kim, J., & Lin, X. (2026). AI-supported productive failure: Insights from adult learners. *International Conference on Artificial Intelligence and Education (ICAIE)*. Taicang, China. Virtual.

- Detrick, R. K.** (2026). Designing and teaching an international AI in education course: Lessons from ODU's Bridge Initiative. *ODY Knowledge and Creativity Expo*. Norfolk, VA.
- 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.

Awards and Honors

- *Outstanding Student Award in Educational Psychology and Program Evaluation*, Old Dominion University, 2026
- *1st Best Oral Presentation*, Knowledge & Creativity Expo, Old Dominion University, 2026
- *Excellent Oral Presentation*, IEEE International Conference on Artificial Intelligence and Education, 2025
- *RC4AIED Outstanding Scientific Research Award*, Research Centre for AI and Education, Xi'an Jiaotong-Liverpool University, 2024
- *Linda Townsend Award*, Virginia Assessment Group, 2024
- *Diversity Fellowship*, Summer Institute in Survey Research Techniques, University of Michigan, 2019

Service

- Journal Reviewer
 - International Journal of Human-Computer Interaction
 - Australasian Journal of Educational Technology
 - Cogent Education
 - Journal of Educational Computing Research
 - Discover Education
 - Discover Artificial Intelligence
 - Humanities and Social Sciences Communications
- Conference Proposal Reviewer
 - AERA, 2025
 - AECT Online Conference, 2025
 - EDUCAUSE, 2024; 2025
 - International Society of the Learning Sciences Annual Meeting, 2025; 2026
 - American Psychological Association Annual Meeting, 2025
- Guest Speaker, Instructional Design & Technology Graduate Student Organization, 2026
- Council member, Suffolk Public Schools CTE Advisory Council, 2023-2024
- Session Presider, The Society for the Study of Social Problems, 2018

Professional Memberships

- International Society of the Learning Sciences, 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
 - EducateVA Alternative Teacher Licensure Program, 2026
 - Business Education Praxis (178 Score)
 - Marketing Education Praxis (186 Score)
 - ODU Graduate Teaching Assistant Institute, 2025
- Research
 - CITI Social & Behavioral Research Certification, 2025
 - CITI Responsible Conduct of Research, 2022
- Other Professional Training
 - 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