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Virginia Commonwealth University
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EDUCATION

Ph.D. in Education: Curriculum, Culture, and Change / Instructional Technology

Virginia Commonwealth University – Richmond, VA

June 2021

Dissertation: A Quantitative Analysis of the Relationship between Dispositions and Technology Integration Knowledge of English Language Teachers

Chair: Dr. Monty Jones

M.Ed. in Curriculum and Instruction: Instructional Technology

Virginia Commonwealth University – Richmond, VA

May 2015

B.A. in Linguistics

Moulay Ismail University – Meknes, Morocco

June 2001

CERTIFICATIONS

Graduate Certificate in Advanced Educational Statistics

Machine Learning and Advanced Quantitative Statistics

Virginia Commonwealth University – Richmond, VA

Expected May 2026

Data Science Methods for Digital Learning Platforms Certificate

Predictive Modeling, Deep Learning, Network Analysis, and Learning Analytics

University of Pennsylvania Graduate School of Education – Philadelphia, PA

December 2025

Professional Development Certification Program (PDCP)

Leadership, Management, and Online Education Technology

Virginia Commonwealth University – Richmond, VA

June 2018

Fulbright Foreign Language Teaching Assistant Certificate

Teaching and Educational Program Design and Development

University of Richmond – Richmond, VA

May 2004

HONORS AND AWARDS

Data Science Methods for Digital Learning Platforms Fellowship

University of Pennsylvania School of Education, University of Florida, and Digital Promise
August 2025 – December 2025

Symposium Presentation Award

Advancing Educational Research through Machine Learning and Text Mining (Text Mining Across Borders), Co-presenter: Chi-Ning Chang
Virginia Commonwealth University Virtual Joint Research Symposium: Educator and Educator Preparation in Global Contexts, November 2024

Learning Analytics in STEM Education Research (LASER) Institute Scholar

Friday Institute for Educational Innovation, July 2024 – June 2025

Virtual Exchange Academy Participant

Stevens Initiative – Selected as one of 50 worldwide for a six-week program on virtual programs, September – October 2024

Holmes Scholars Program Award

Virginia Commonwealth University, December 2018 – June 2021

Andrew & Darnetta Daire Dissertation Scholarship Award

Virginia Commonwealth University School of Education, May 2021

AACTE Holmes Dissertation Funding Competition Award

American Association of Colleges for Teacher Education, February 2021

Fulbright Foreign Language Teaching Assistant Scholarship Award

University of Richmond, August 2003 – May 2004

GRANTS AND CONTRACTS

Virginia Commonwealth University Community-Engaged Data Dissemination Grant, 2025. *Research Meets Community: Disseminating STEAM Findings Through Family-Centered Engagement.* Amount: \$5,000; Role: Key Personnel.

Robins Foundation Grant, 2024. *Engaging Parents in After-School STEAM Projects (Science and Technology).* Amount: \$50,000; Role: Co-Principal Investigator.

Virginia Commonwealth University Accelerate Fund Award, 2022. *Engaging Parents in After-School STEM Projects (Science and Technology).* Amount: \$99,680; Role: Principal Investigator.

Mexico-U.S. Innovation Fund Grant (100,000 Strong in the Americas Innovation Fund), 2021. *Building a Collaborative, Innovative, and Impactful STEM and Language*

Training Exchange Program through Virtual and Study Abroad Partnerships. Amount: \$24,952.56; Role: Principal Investigator.

U.S.-Colombia Grant Competition for 21st Century Higher Education Partnerships (100,000 Strong in the Americas Innovation Fund), 2021. *Preparing Early Childhood Teacher Candidates in Inclusive STEM Learning through Innovative Virtual and Study Abroad Partnerships. Amount: \$26,160.97; Role: Co-Principal Investigator.*

LEADERSHIP AND TEACHING EXPERIENCE

Affiliate Faculty, School of Education

Teaching and Research Faculty

Virginia Commonwealth University – Richmond, VA

October 2022 – Present

- Teach/Co-teach courses in instructional technology and teacher education, including TEDU 510 (3 credits): *Instructional Technology in K-12 Environments* and TEDU 732 (2 credits): *Advanced Seminar in Curriculum Studies*
- Contribute to academic program development and implementation
- Mentor international and domestic students in the Department of Teaching and Learning
- Collaborate with faculty and staff on research and grant proposals
- Serve on standing and ad hoc committees, including search and dissertation committees
- Perform additional activities as deemed necessary by the department

Director /Faculty, English Language Program

Instructor/ Assistant Professor

Virginia Commonwealth University – Richmond, VA

July 2022 – Present

- Oversee program management, assessment, curriculum development, and instruction for online and in-person courses
- Provide instructional and intellectual leadership
- Collaborate with university offices and partner institutions on grant proposals and program initiatives
- Support faculty and staff professional development and engagement in professional organizations
- Supervise hiring, training, and evaluation of faculty and staff
- Ensure compliance with national accreditation standards
- Develop and implement strategic plans advancing the mission of the Global Education Office and University

Assistant, School of Education / VCU Online

Virginia Commonwealth University – Richmond, VA

July 2021 – October 2022

- Co-instruct EDUS 673 (3 credits): *Seminar on Democracy, Equity & Ethics in Education* (Fall 2021 & Spring 2022)

- Co-instruct WKSP 103: *Best Practices for Online Teaching* (Summer 2021)

Doctoral Instructor, School of Education

Virginia Commonwealth University – Richmond, VA

August 2020 – May 2021

- Co-instruct TEDU 510 (2 credits): *Instructional Technology in K-12 Environments* (Fall 2020)
- Facilitate online class discussions and group activities
- Assist with lesson planning, course content development, assignments, and grading
- Provide student feedback

Associate Director/ Faculty, English Language Program

Virginia Commonwealth University – Richmond, VA

November 2018 – June 2022

- Manage daily operations and program curriculum
- Manage program assessment
- Provide instructional and intellectual leadership
- Ensure compliance with national accreditation standards
- Supervise faculty and staff
- Coordinate course registration and assignments
- Support multilingual student success and retention
- Co-develop strategic plans advancing the mission of the Global Education Office

Instructional Designer (Externship)

Academic Learning Transformation Lab

Virginia Commonwealth University – Richmond, VA

January 2018 – May 2018

- Evaluate courses for pedagogical and instructional design effectiveness
- Research best practices in online education and instructional technology
- Develop online instructional materials using current instructional design models
- Collaborate with the supervisor to create an online course in a Learning Management System
- Utilize appropriate instructional technology tools and approaches to improve course design and delivery

Adjunct Faculty, School of Education

Virginia Commonwealth University – Richmond, VA

January 2017 – May 2017

- Teach TEDU/ENGL/LING 552 (3 credits): *Teaching English as a Second Language*
- Develop course syllabus, learning objectives, weekly schedule, discussion topics, and assessments
- Assess student assignments and submit final grades

Assistant Director / Faculty, English Language Program

Virginia Commonwealth University – Richmond, VA

May 2012 – October 2018

- Manage daily program operations, including course scheduling, assignments, and student registration
- Supervise and evaluate faculty and staff (in coordination with the director)
- Monitor language testing and placement procedures
- Address academic and student concerns
- Contribute to strategic planning, curriculum, and assessment development
- Teach undergraduate and graduate English language courses

Full-Time Faculty, English Language Program

Virginia Commonwealth University – Richmond, VA

January 2012 – April 2012

- Instruct undergraduate and graduate English language courses
- Serve on curriculum and assessment committees
- Develop and evaluate courses and program curriculum
- Submit final grades and reports

Adjunct Faculty, English Language Program

Virginia Commonwealth University – Richmond, VA

March 2007 – December 2011

- Instruct undergraduate and graduate English language courses
- Serve as course lead teacher
- Develop course sites in a Learning Management System
- Design and deliver lesson plans aligned with program curriculum
- Create assessments and submit final grades

Teacher Trainee (K-12 and Higher Education), English Language Department

Mohamed I University –Morocco

February 2006 – June 2006

- Observe and assist in course instruction
- Develop lesson plans aligned with course curriculum
- Support class discussions and provide English language support to students

Fulbright Teaching Assistant, Office of International Education

University of Richmond – Richmond, VA

August 2003 – May 2004

- Teach foreign languages and culturally related courses
- Design and deliver courses and assessments
- Participate in university international and cultural events
- Engage in professional development related to teaching and learning

RESEARCH AND SCHOLARSHIP

Line of Research: *My research examines the methods and practical applications of emerging technologies, such as makerspace, virtual reality, and artificial intelligence (AI), in teacher education, and their potential to promote personalized, adaptive, and data-driven instructional practices. I investigate how these technologies can be applied to address*

instructional challenges, enhance professional practice, and maximize learning opportunities, taking into consideration the contextual factors that shape educational environments. By leveraging advanced research methods, such as machine learning, data analytics, and natural language processing (NLP), my research contributes to the development of strategies, pedagogical models, and tools that aim to advance teacher preparation and improve student learning experiences and outcomes across diverse contexts.

Refereed Publications Published or In-Press

Greene, M. D., & Xu, Y. (2025). Using a design thinking framework to promote practical AI in K-12 STEM education. In M. Strawderman, J. Senechal, E. Ekholm, J. Vest, M. D. Greene, Y. Xu, *et al.* (Eds.), *AI in education: Teaching, learning, and thinking with machines* (pp. 21-28). Scholars Compass. <https://doi.org/10.21974/x4xj-za15>

Strawderman, M., Senechal, J., Ekholm, E., Vest, J., **Greene, M. D.**, Xu, Y., *et al.* (Eds.). (2025). *AI in education: Teaching, learning, and thinking with machines*. Scholars Compass. <https://doi.org/10.21974/x4xj-za15>

Greene, M., & Jones, M. (2025). Teaching with technology: A quantitative analysis of the impact of contextual factors. *The Computer Assisted Language Instruction Consortium (CALICO) Journal*, 42(2), 215-235.

Schad, M., **Greene, M.**, & Jones, M. (2025). Maker-centered learning in STEM: A case study of a chemistry teacher's lived experience. *International Journal of Instruction*, 18(2), 85-102.

Greene, M. D., Xu, Y., & Blondin, J. E. (2024). Designing and implementing a globally focused interdisciplinary STEM program: A model for preservice teacher preparation programs. In A. Slapac & C. A. Huertas-Abril (Eds.), *Encouraging transnational learning through virtual exchange in global teacher education* (pp. 172-194). IGI Global.

Greene, M. D., Cheng, S. L., & Jones, W. (2023). The impact of an online technology course on pre-service teachers' technological knowledge: Strategies and design. *International Journal of Professional Development, Learners and Learning*, 5(2), ep2315.

Caratachea, M., **Greene, M. D.**, & Jones, W. (2023). Maker-centered professional learning for in-service and preservice K-12 educators: A systematic literature review. *TechTrends*, 67, 648-663.

Greene, M. D., Cheng, S. L., & Jones, W. (2023). Preservice teachers' technology integration knowledge development in an online technology-based course. *International Journal of Instruction*, 16(4), 385-404.

Greene, M. D., Schad, M., & Jones, W. (2022). Technological pedagogical content knowledge and context in the English language subject area: Implications for research and

practice. *Journal of Interactive Learning Research*, 33(2), 83–96.

Schad, M. L., **Greene, M. D.**, & Jones, M. (2021). A review of theory, theoretical, and conceptual frameworks in educational technology. *International Journal on E-Learning*, 20(2), 187–198.

Greene, M. D., & Jones, W. (2020). Analyzing contextual levels and applications of technological pedagogical content knowledge (TPACK) in English as a second language subject area: A systematic literature review. *Educational Technology & Society*, 23(4), 75–88.

Greene, M. D., & Jones, W. (2020). Towards a critical conceptual framework for technology integration in professional development for English language teachers. *Journal of Educational Multimedia and Hypermedia (JEMH)*, 29(2), 113–132.

Greene, M. D., & Jones, W. (2020). Implications of technological instructional practices for English as a second language vocabulary learning. *International Journal on E-Learning*, 19(3), 209–228.

Greene, M. D., & Jones, W. (2018). Examining English language teachers' TPACK in oral communication skills teaching. *Journal of Educational Multimedia and Hypermedia (JEMH)*, 27(1), 43–62.

Publications Under Review and In Revision

Greene, M. D., Broda, M., Chang, C.N., Xu, Y., & Dabney, K. (under review, January 2026). A review of emerging trends in STEM educational technology: A zero-shot learning and topic modeling approach. *Journal for STEM Education Research*.

Broda, M., Wang, T. W., Joy, J. M., Chen, C.C., Liu, X., Corning, A., Hui, J., Xia, Y., **Greene, M. D.**, et al. (under review, January 2026). Rise of the machines? A scoping review of machine learning applications for data analysis in education research. *American Educational Research Association (AERA) Open*.

Chen, C.C., **Greene, M. D.**, Vetere, L., Yurechko, T., & Wang, T.W. (under review, January 2026). Exploring the landscape and trends in special education research using structural topic modeling (computational text mining and machine learning methods). *Journal of Special Education*.

Manuscripts in Progress

Caratachea, M., **Greene, M. D.**, & Jones, W. (in preparation). A text mining approach to student sentiment and perceptions of AI in instructional technology. *Journal of Teaching and Learning with Technology*.

Greene, M. D., Chang, C. N., Jones, W., & LeVault, R. (in preparation). A latent profile

analysis of student attitudes toward integrating computer coding technologies, musical composition, and visual art creation. *Computers & Education*.

LeVault, R., Jones, W., **Greene, M. D.**, & Jimenez, F. (in preparation). Teaching computer programming through digital arts: Effects on college students' dispositions toward computer science. *TechTrends*.

Gatongi, M., **Greene, M. D.**, Denson, E., Rassiwalla, I., Demetriou, P., Barua, R., & Fife, J. (in preparation). Instrument validation for measuring teachers' practice and trust in AI-based educational technology. *Educational Technology Research and Development*.

Greene, M. D., et al. (in preparation). Zero-shot learning and support vector machine methods for automated abstract screening in scoping reviews. *Computers & Education*.

Published Conference Proceedings

Dabney, K., Xu, Y., **Greene, M.**, & Dayton, M. (2025, March). Informal STEAM family experiences with preschool-aged learners. In *Proceedings of SITE 2025- Society for Information Technology & Teacher Education International Conference*. Orlando, FL: Association for the Advancement of Computing in Education (AACE).

Greene, M. D., & Jones, W. (2019). Implications of technological instructional practices for English as a second language vocabulary learning. In S. Carliner (Ed.), *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (pp. 237–248). New Orleans, LA: Association for the Advancement of Computing in Education (AACE).

Greene, M. D., & Jones, W. M. (2017). The use of Facebook for teaching oral communication skills to English as a second language students. In J. Johnston (Ed.), *Proceedings of EdMedia 2017* (pp. 752–761). Washington, DC: Association for the Advancement of Computing in Education (AACE).

Greene, M. D., & Jones, W. M. (2017). Examining English language teachers' TPACK in oral communication skills teaching. In J. Johnston (Ed.), *Proceedings of EdMedia 2017* (pp. 739–751). Washington, DC: Association for the Advancement of Computing in Education (AACE).

Greene, M. D., & Jones, W. M. (2015). Using the TPACK framework to examine technology integration in English language teaching. In D. Rutledge & D. Slykhuis (Eds.), *Proceedings of SITE 2015 – Society for Information Technology & Teacher Education International Conference* (pp. 3121–3126). Las Vegas, NV: Association for the Advancement of Computing in Education (AACE).

National and International Refereed Presentations

- Greene, M. D.**, Broda, M., Chen, C.C., Chang, C.-N., Wang, T. W., Joy, J., & Xia, Y. (2025, April). Zero-shot learning and support vector machine methods for automated abstract screening in scoping reviews. Conference presentation at the *American Educational Research Association (AERA) Annual Conference*, Denver, CO.
- Broda, M., Joy, J., **Greene, M. D.**, Wang, T.-W., Liu, X., Chen, C.-C., & Xia, Y. (2025, April). A scoping review of machine learning applications in education research. Poster presentation at the *American Educational Research Association (AERA) Annual Conference*, Denver, CO.
- Jones, W., LeVault, R., Hanson, K., Liu, X., & **Greene, M. D.** (2025, April). Teaching computer programming through digital music composition: Effects on college students' dispositions toward computer science. Conference presentation at the *American Educational Research Association (AERA) Annual Conference*, Denver, CO.
- Chang, C.-N., Chen, C.-C., Corning, A., Saw, G., Liu, X., Wang, T.-W., & **Greene, M. D.** (2025, April). Science identity pathways and STEM career aspirations: Intersectional analysis from high school to postsecondary education. Roundtable presentation at the *American Educational Research Association (AERA) Annual Conference*, Denver, CO.
- Dabney, K., Xu, Y., **Greene, M.**, & Dayton, M. (2025, March). Informal STEAM family experiences with preschool-aged learners. Virtual presentation at the *Society for Information Technology & Teacher Education International (SITE) Conference*, Orlando, FL.
- Xu, Y., **Greene, M. D.**, & Dayton, M. (2024, June). Engaging parents of preschool-aged children in STEAM projects (technology and science). Poster presentation at the *National Research Conference on Early Childhood (NRCEC)*, Arlington, VA.
- Greene, M. D.**, & Jones, W. (2023, April). An analysis of contextual factors and technology integration knowledge of English language teachers. Presentation at the *American Educational Research Association (AERA) Annual Conference*, Chicago, IL.
- Greene, M. D.**, Cheng, S. L., & Jones, W. (2023, February). Preservice teachers' technology integration knowledge development in a technology-based course. Presentation at the *American Association of Colleges for Teacher Education (AACTE) Conference*, Indianapolis, IN.
- Greene, M. D.**, Cheng, S. L., & Jones, W. (2022, April). A multilevel analysis of preservice teachers' technology integration knowledge development in a technology-based course. Presentation at the *American Educational Research Association (AERA) Annual Conference*, San Diego, CA.
- Greene, M. D.** (2022, March). Multilingual preservice teachers' technology integration knowledge development: Trends and models. Presentation at the *TESOL International Virtual Conference*.

Greene, M. D., Schad, M., & Jones, W. (2021, November). Technological pedagogical content knowledge and context in the English language subject area: Implications for research and practice. Presentation at the *Innovate Learning Summit Online 2021*.

Greene, M. D. (2021, April). A review of empirical studies on technological pedagogical content knowledge and context in the English language subject area. Presentation at the *American Educational Research Association (AERA) Virtual Conference*.

Greene, M. D. (2021, February). Current instructional technology trends and context levels in English language studies. Presentation at the *American Association of Colleges for Teacher Education (AACTE) Virtual Holmes Scholars Preconference*.

Schad, M. L., **Greene, M. D.,** & Jones, W. (2020, November). A review of theory, theoretical, and conceptual frameworks in educational technology. Presentation at the *Innovate Learning Virtual Summit 2020*, Association for the Advancement of Computing in Education (AACE).

Greene, M. D. (2020, February). Technological and instructional strategies in teaching vocabulary to English language learners. Presentation at the *American Association of Colleges for Teacher Education (AACTE) Virtual Holmes Scholars Preconference*.

Greene, M. D. (2019, October). Examining technology integration in teaching vocabulary to English as a second language (ESL) learners. Presentation at the *First Sino-US Conference on Cross-Cultural Dialogue of Teaching and Learning*, Jiangnan University, Wuxi, China.

Greene, M. D. (2019, February). Examining teachers' technological knowledge. Presentation at the *American Association of Colleges for Teacher Education (AACTE) Holmes Scholars Preconference*, Louisville, KY.

Regional and State Refereed Presentations

Greene, M. D. (upcoming 2026, March, upcoming). Learning AI concepts through unplugged activities. Presentation at the *EdTechRVA 2026 Conference*, Richmond, VA.

Greene, M. D. (2025, December). Using machine learning methods to analyze emerging technological trends in STEM education. Virtual presentation at the *Virginia Society for Technology in Education (VSTE) Conference*, Virginia Beach, Virginia.

Greene, M. D. (2025, November). Designing learning with AI. Presentation at the *Virginia Education Association's 2025 EPIC (Education Professionals in Collaboration) Conference*, Richmond, Virginia.

Strawderman, M., **Greene, M. D.,** Xu, Y., Case, D., Elmore, K., Hendershot, H., Donahue, K., Godwin-Jones, R., & Aljudaibi, S. (2025, June). AI in education: Teaching, learning, and

thinking with machines (AI and design thinking). Presentation at the *Digital Technology in Education Working Group Symposium, 2025 Metropolitan Educational Research Consortium (MERC) Summit*, Richmond, VA.

Greene, M. D. (2024, December). Emerging trends, technologies, and practices in STEM. Presentation at the *Virginia Society for Technology in Education (VSTE) Conference*, Virginia Beach, VA.

Greene, M. D. (2024, September). Emerging technologies and practices in STEM. Presentation at the *Virginia Teachers of English to Speakers of Other Languages (VATESOL) Conference*, Richmond, VA.

Greene, M. D., & Xu, Y. (2024, June). Using AI tools to maximize student learning in K–12 education. Presentation at the *Metropolitan Educational Research Consortium (MERC) Summit*, Richmond, VA.

Greene, M. D., & Xu, Y. (2024, March). Practical approaches to implementing AI tools in STEM education for K–12 learners. Presentation at the *EdTechRVA 2024 Conference*, Richmond, VA.

Greene, M. D., & Xu, Y. (2023, December). Integrating AI in K–12 STEM education. Presentation at the *Virginia Society for Technology in Education (VSTE) Conference*, Roanoke, VA.

Greene, M. D., & Schad, M. L. (2023, September). Navigating the AI disruption: Strategies and best practices. Presentation at the *Virginia Teachers of English to Speakers of Other Languages (VATESOL) Conference*, Richmond, VA.

Greene, M. D., Schad, M. L., & Caratachea, M. (2023, March). Leveraging makerspaces for experiential learning and practical professional development. Presentation at the *EdTechRVA 2023 Conference*, Richmond, VA.

Greene, M. D., Schad, M. L., & Farneda, C. (2022, October). Integrating makerspace pedagogies in language learning. Presentation at the *Southeast Teachers of English to Speakers of Other Languages (SETESOL) Conference*, Richmond, VA.

Greene, M. D., Robnolt, V., Parkhouse, H., & Aziz, R. (2022, October). Supporting multilingual learners: Strategies and pedagogical approaches. Presentation at the *SETESOL Conference*, Richmond, VA.

Greene, M. D., & Schad, M. L. (2022, October). Promoting collaborative and community learning through makerspace. Presentation at the *VEA EPIC (Virginia Education Association–Education Professionals in Collaboration) Conference: Learning Outside the Lines*, Richmond, VA.

Greene, M. D. (2021, September). A review of multilingual teachers' technology integration

knowledge in research. Presentation at the *VATESOL Virtual Conference*.

Greene, M. D. (2021, September). The use of technology to support vocabulary development of multilingual learners. Virtual presentation at the *VATESOL Conference*.

Greene, M. D. (2020, February). Technologies of power, privilege, and marginalization in education. Presentation at the *Virginia Education Association Teachers of Color Conference*, Richmond, VA.

Greene, M. D. (2018, October). Technology integration in the oral communication skills' curriculum. Presentation at the *VATESOL Conference*, Charlottesville, VA.

Non-Refereed Presentations & Workshops

Greene, M. D., Broda, M., Chang, C.-N., & Chen, C.C. (2025, May). Topic modeling and machine learning in educational research. Presentation at *Virginia Commonwealth University*, Richmond, VA.

Greene, M. D. (2025, April). Design thinking and AI applications in STEM. Presentation at *AI in Education Through a Humanities Lens UnConference, Digital Technology in Education*, Virginia Commonwealth University, Richmond, VA.

Greene, M. D. (2025, March). Exploring the application of AI and design thinking in K-12 STEM education. Presentation at *Virginia Commonwealth University*, Richmond, VA.

Greene, M. D., & Chang, C. (2024, November). Advancing educational research through machine learning and text mining (Text Mining Across Borders). Virtual presentation at the *2024 VCU Joint Research Symposium: Educator and Educator Preparation in Global Contexts*, Virginia Commonwealth University, Richmond, VA.

Broda, M., Chang, C., & **Greene, M. D.** (2024, June). I want to be a data scientist: Here's what I need to know about AI. Workshop at *Transformative Learning Experiences to Transform the Workforce*, Virginia Commonwealth University, Richmond, VA.

Greene, M. D., et al. (2024, April). The opportunities and risks of using AI in research processes. Presentation at *Virginia Commonwealth University*, Richmond, VA.

Caratachea, M., Wilkinson, L., & **Greene, M. D.** (2023, April). Virtual reality in multilingual education: Opportunities and possibilities. Presentation at *Virginia Commonwealth University*, Richmond, VA.

Schad, M. L., & **Greene, M. D.** (2022, April). Connecting makerspace to curriculum: Process and function. Presentation at *Virginia Commonwealth University*, Richmond, VA.

Greene, M. D. (2022, March). Emerging technologies, online learning in higher education,

and accreditation standards. Presentation at the *International Multidisciplinary Dialogue Conference*, ENCG Dakhla, Morocco.

Hanley, E., Rogers, J., **Greene, M. D.**, & Carrier, S. (2021, November). A practical approach to writing a literature review. Workshop at *Virginia Commonwealth University School of Education*, Richmond, VA.

Greene, M. D., Olsoe, B., & Montiel, M. (2021, November). Managing partnerships through grant writing. Virtual presentation at *Universidad El Bosque*, Bogotá, Colombia.

Daire, A., Prescod, D., & **Greene, M. D.** (2021, August). Developing innovative, impactful, and fundable research agendas. Panel discussion at *Holmes Scholars 2021 Research and Mentorship Virtual Summit*, Virginia Commonwealth University, Richmond, VA.

Greene, M. D., Farneda, C., & Rogers, J. (2021, April). Paraphrasing, summarizing, and using sources in research papers. Workshop at *Virginia Commonwealth University School of Education*, Richmond, VA.

Hanley, E., Rogers, J., **Greene, M. D.**, & Carrier, S. (2020, November). Successful tools for academic writing. Workshop at *Virginia Commonwealth University School of Education*, Richmond, VA.

Greene, M. D., Nicolai, K., & Bennett, E. (2020, August). Positioning yourself for a Ph.D. program and student voice. Panel discussion at *Holmes Scholars 2020 Research and Mentorship Summit*, Virginia Commonwealth University, Richmond, VA.

Greene, M. D., Hill, A., & Wilkinson, L. (2019, November). Working with VCU's English language learners. Presentation at *Virginia Commonwealth University*, Richmond, VA.

Altman, J., **Greene, M. D.**, et al. (2017, October – July 2018). Building inclusive communities (BIC). Workshops for staff and faculty at *Virginia Commonwealth University*, Richmond, VA.

SERVICE

University Service

- **Member**, Assistant Vice Provost for International Enrollment (AVPIE) Search Committee, Virginia Commonwealth University (August 2025 – present).
- **Member**, The Council on Community Engagement Research Workgroup, Virginia Commonwealth University (March 2025–present).
- **Member**, Project Transform – Transforming Teacher Education Programs through International Partnerships, Virginia Commonwealth University (August 2020–present).

- **Member**, Digital Technology in Education Working Group, Humanities Research Center, Virginia Commonwealth University (August 2020–present).
- **Member**, Centroid Machine Learning Lab, Virginia Commonwealth University (October 2023–present).
- **Member**, Instructional Design and Technology Lab, Virginia Commonwealth University (August 2020–present).
- **Member**, Domicile Appeals Committee, Virginia Commonwealth University (July 2020–present).
- **Member**, University Undergraduate Curriculum Committee, Virginia Commonwealth University (November 2018–August 2024).
- **Member**, International Educational Studies Center Strategic Planning Committee, School of Education, Virginia Commonwealth University (April 2021–May 2022).
- **Member**, Director of Global Partnerships Search Committee, Virginia Commonwealth University (October 2021–January 2022).
- **Chair**, Placement Testing Committee, English Language Program, Virginia Commonwealth University (January 2012–June 2021).
- **Member**, Graduate Education and Training Leadership Committee, Virginia Commonwealth University (August 2018–March 2022).
- **Chair**, Adjunct Faculty Search Committee, English Language Program, Virginia Commonwealth University (August 2021–October 2021).
- **Facilitator**, Global Education Office Strategic Planning Steering Committee, Virginia Commonwealth University (September 2020–October 2021).
- **Member**, Educational Program Coordinator Search Committee, School of Education, Virginia Commonwealth University (June 2021–July 2021).
- **President**, Holmes Scholars Program, School of Education, Virginia Commonwealth University (June 2020–June 2021).
- **Member**, Assistant Dean for Student Affairs and Inclusive Excellence Search Committee, Virginia Commonwealth University (February 2021–April 2021).
- **Secretary/Treasurer**, Holmes Scholars Program, School of Education, Virginia Commonwealth University (December 2018–June 2020).

- **Member**, Ruch Award Selection Committee, Virginia Commonwealth University (November 2019; April 2020).
- **Member**, Promotion and Tenure Peer Review Committee, School of Education, Virginia Commonwealth University (February–April 2020).
- **Member**, Associate Dean for Academic Affairs Search Committee, Virginia Commonwealth University (July 2019–January 2020).
- **Member**, Global Education Office Executive Director Search Committee, Virginia Commonwealth University (January –June 2019).
- **Co-Coordinator and Faculty**, TEFL Certificate Program, Virginia Commonwealth University (January–August 2017).
- **Chair**, Curriculum Committee, English Language Program, Virginia Commonwealth University (March 2014–December 2016).
- **Chair**, Assessment Coordinator Search Committee, English Language Program, Virginia Commonwealth University (August–December 2014).
- **Co-Chair**, CEA Site Prep Committee, English Language Program, Virginia Commonwealth University (November 2013–February 2014).
- **Chair**, CEA Steering Committee, English Language Program, Virginia Commonwealth University (August 2012–November 2013).
- **Chair**, Length & Structure of English Language Program Committee, Virginia Commonwealth University (August 2011–May 2012).

Professional Service

- **Reviewer**, *Journal of Educational Technology & Society* (March 2025–present).
- **Editorial Review Board Member**, *International Journal on E-Learning* (October 2024–present).
- **Reviewer**, *Journal for STEM Education Research* (December 2023–present).
- **Reviewer**, *Computer Assisted Language Instruction Consortium (CALICO) Journal* (October 2023–present).
- **Reviewer**, *International Journal of Instruction* (December 2022–present).
- **Reviewer**, *Journal of Teacher Education* (March 2021–present).

- **Reviewer**, *Journal of Research on Technology in Education* (September 2022–present).
- **Reviewer**, *Encouraging Transnational Learning Through Telecollaboration in Global Teacher Education* (IGI Global) (May 2023).
- **Reviewer**, *The Commission on English Language Accreditation (CEA)* (July 2015–present).

SELECTED PROFESSIONAL DEVELOPMENT

- Attended, *Cognitive Load Theory in Instructional Design* (virtual workshop), Virginia Commonwealth University School of Education, February 4, 2026.
- Attended *Generative AI Teaching Summit*. College of Humanities and Sciences, Virginia Commonwealth University, October 17, 2025.
- Attended *Beyond Multiple Choice: Reimagining Assessments Using AI*. Virginia Commonwealth University, September 2, 2025.
- Attended *AI and Microcredentials*. Webinar hosted by *The Chronicle* and *Coursera*. June 17, 2025.
- Completed *Virtual Exchange Academy*. The Stevens Initiative, September 18–October 24, 2024.
- Completed *Learning Analytics in STEM Education Research (LASER) Institute Summer Workshop*. North Carolina State University, Raleigh, North Carolina, July 22–26, 2024.
- Completed *Analyzing Text Data Using Sentiment Analysis Seminar*. Statistical Horizons, May 30–31, 2024.
- Attended *Simulations in Math and Science Teacher Education Meeting*. Towson University Center for STEM Excellence, Baltimore, Maryland, May 9–10, 2024.
- Completed *Machine Learning: Theory and Applications*. CenterStat, June 5–9, 2023.
- Attended *Learning to Teach Practice-Based Preparation in Teacher Education in Virtual Learning Environments*. Collaboration for Effective Educator Development, Accountability and Reform (CEEDAR) Center Webinar, February 21, 2023.
- Attended *Big Data for Education & Social Science Research*. AERA–ICPSR PEERS Data Hub Workshop, December 9, 2021.

- Attended *AI IN: Inclusion, Innovation & Inspiration*. EnglishUSA Virtual Stakeholders Conference, Washington, D.C., October 7–8, 2021.
- Attended *Learning Analytics and Education Research Data*. AERA–ICPSR PEERS Data Hub Workshop, September 29, 2021.
- Attended *Cutting-Edge Quantitative and Computational Methods for STEM Education Research*. AERA–ICPSR PEERS Data Hub Workshop, February 25, 2021.
- Attended *Modern Meta-Analysis Research*. AERA–ICPSR PEERS Data Hub Workshop, February 10, 2021.
- Co-coordinated *Policy and Research in Education: A Current State of Education in Policy*. Virginia Commonwealth University School of Education Holmes Scholars Program, January 18, 2021.
- Attended *Moving from Inclusivity Talk to Action in International Education Leadership*. Dickinson College and Institute of International Education (IIE) Workshop, December 17–18, 2020.
- Coordinated *Scholar Identity: How to Describe and Promote Yourself as a Scholar*. Virginia Commonwealth University School of Education Holmes Scholars Program, October 19, 2020.
- Co-coordinated *Fellowships: How to Identify and Position Yourself to be Competitive for Fellowships*. Virginia Commonwealth University School of Education Holmes Scholars Program, November 16, 2020.
- Participated in *VCU Holmes Scholars 2020 Research and Mentorship Summit*. Virginia Commonwealth University, Richmond, Virginia, August 14–15, 2020.
- Completed *CITI IRB Training Course: Social and Behavioral*, July 7, 2020.
- Completed *Introduction to Structural Equation Modeling Online*. CenterStat, May 6–8, 2020.
- Attended *Institute of Education Sciences: The National Center for Education Statistics Datasets Workshop*. Virginia Commonwealth University School of Education, April 22, 2020.
- Attended *Mission Possible: Living in Times of Change*. EnglishUSA Stakeholders Conference, Washington, D.C., October 3–4, 2019.
- Participated in *Holmes Summer Policy Institute and the AACTE Washington Week*. American Association of Colleges for Teacher Education (AACTE), June 2–5, 2019.

- Completed *Advanced Reviewer Training Workshop*. Commission on English Language Accreditation (CEA), November 4–5, 2017.
- Participated in *Faculty Learning Committee*. Virginia Commonwealth University Global Education Office, Spring 2014.
- Participated in *Instructional Techniques, Learning Technologies, and Online Teaching Workshops*. Virginia Commonwealth University, 2012–2015.