



AYESHA S. BOYCE, PH.D.

Arizona State University

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EDUCATION

DEC 2014

Ph.D. Educational Psychology – Evaluation Specialization
University of Illinois at Urbana-Champaign

Dissertation: Using a Values-Engaged Educative Evaluation Approach to Address Issues of Diversity and Equity in a Multi-Site Science Technology Engineering and Mathematics Program Evaluation

AUG 2009

M.A. Research Psychology
California State University, Long Beach

Thesis: It's Written All Over Your Face: The Impact of Afrocentric Facial Features, Gender, Race, and Explicit Attitudes on Implicit Preferences

MAY 2005

B.S. Psychology
Arizona State University



ACADEMIC AND PROFESSIONAL APPOINTMENTS

JUL 2021 - PRESENT

Associate Professor with Tenure
Division of Educational Leadership and Innovation
Arizona State University

MAR 2021 - PRESENT

Affiliate Faculty
Center for Culturally Responsive Evaluation and Assessment

AUG 2020 - PRESENT
AUG 2019 - AUG 2020

Co-Director
Director
STEM Program Evaluation Laboratory
Arizona State University & University of North Carolina
Greensboro

JAN 2019 - JUL 2021
AUG 2015 - DEC 2018

Co-Director
Senior Fellow
Office of Assessment, Evaluation, and Research Services
University of North Carolina Greensboro

AUG 2016 – JUL 2021	Affiliate Faculty African American and African Diaspora Studies Program University of North Carolina Greensboro
AUG 2014 – JUL 2021	Assistant Professor (tenure-track) Department of Educational Research Methodology University of North Carolina Greensboro
AUG 2009 – JUL 2014	Graduate Research Associate Illinois STEM Education Initiative & Department of Educational Psychology
JUN 2007 – JUL 2009	Education Research Associate (Program Evaluator) Accountability Division – Research and Evaluation Section Arizona Department of Education

RESEARCH & EVALUATION EXPERIENCE – SELECTED PROJECTS

Over 60 research and evaluation projects conducted. Only those where Boyce is research or evaluation lead, or co-lead are shown. Co-PI signifies Boyce is a member of the project leadership team. For all other projects, Boyce is the evaluation lead or co-lead.

NATIONAL SCIENCE FOUNDATION ¹

CO-PRINCIPAL INVESTIGATOR

Fall 2019 – Summer 2021	ADVANCE: Spartans ADVANCE
Spring 2019 – Present	EvaluATE: Transforming Advanced Technological Education (ATE)
Spring 2017 – Summer 2021	STAMPS S-STEM: UNCG Science Technology & Math Prep
Fall 2016 – Fall 2020	NCCU HBCU– Undergraduate Program (UP) Targeted Infusion

NSF CENTERS (ERC, STC, CCI, & CREST)

Fall 2022 - Present	The Internet of Things for Precision Agriculture (ERC)
Spring 2022 – Present	Center for Integration of Modern Optoelectronic Materials on Demand (STC)
Summer 2019 – Summer 2020	Center for Power Optimization of Electro-Thermal Systems (ERC)
Spring 2017 – Present	Center for Cellular and Biomolecular Machines (CREST)
Spring 2014 – Summer 2015	Center for Brains, Minds, and Machines (STC)
Spring 2013 – Summer 2015	Sustainable Nanotechnology Center (CCI)
Summer 2011 – Summer 2015	Emergent Behaviors of Integrated Cellular Systems (STC)

NSF INSTITUTES, ALLIANCES, AND HUBS)

Fall 2020 – Summer 2021	GEMS Biology Integration Institute
Fall 2019 – Summer 2021	Midwest Big Data Hub
Fall 2019 – Present	STEM PUSH INCLUDES Alliance
Fall 2023 – present	Hampton Univ and BIMS Racial Equity Project

HBCU– UNDERGRADUATE PROGRAM)

Fall 2018 – Present	Fisk University HBCU-UP Implementation Project
Spring 2018 – Summer 2018	VSU HBCU– Undergraduate Program (UP) Targeted Infusion

NETWORK FOR COMPUTATIONAL NANOTECHNOLOGY (NCN) CYBER PLATFORMS

Fall 2017 – Fall 2022	Hierarchical nanoMFG NODE
Fall 2019 – Present	NanoHUB
Fall 2019 – Fall 2022	Engineered NanoBIO NODE (Indiana University)
Fall 2014 – Summer 2015	NanoBIO NODE (Illinois)

¹ In Summer 2021 I transitioned to ASU, as a result, some projects were transferred to UNCG colleagues.

INTEGRATIVE GRADUATE EDUCATION AND RESEARCH TRAINEESHIPS (IGERTS)

Spring 2013 – Summer 2015	Vertically Integrated Training with Genomics
Spring 2012 – Fall 2013	NeuroEngineering
Summer 2011 – Summer 2015	Cellular and Molecular Mechanics and BioNanotechnology

RESEARCH EXPERIENCES FOR UNDERGRADUATES (REUS)

Summer 2022 – Present	Center for Integration of Modern Optoelectronic Materials on Demand
Summer 2017 – Present	CREST Center for Cellular and Biomolecular Machines
Summer 2015	University of Illinois BioImaging
Summer 2014 – Summer 2015	Center for Brains, Minds, and Machines
Summer 2014 – Summer 2015	Nano@Illinois
Summer 2013 – Summer 2015	Sustainable Nanotechnology Center for Chemical Innovation
Summer 2012	BEACON Science Technology Center
Summer 2011 – Summer 2015	University of Illinois Chemistry Department
Summer 2011 – Summer 2015	Emergent Behaviors of Integrated Cellular Systems
Summer 2011 – Summer 2012	NanoCEMMS Science Technology Center
Summer 2016 – Summer 2018	North Carolina A&T Improving Undergraduate STEM Ed (IUUSE)
Fall 2009 – Spring 2011	Values-Engaged, Educative Evaluation Approach Research

US DEPARTMENT OF DEFENSE

Spring 2021 – Present	SCALE Workforce Development
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US DEPARTMENT OF EDUCATION

Fall 2015 – Summer 2017	Transforming Teaching Through Technology (T4)
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HOWARD HUGHES MEDICAL INSTITUTE

Spring 2020 – Present	Puerto Rico Outstanding Undergraduate Diversified (PROUD)
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NATIONAL INSTITUTES OF HEALTH

Summer 2011 – Summer 2015	Midwest Cancer Nanotechnology Training Center
Spring 2010 – Spring 2011	Project NEURON

SPENCER AND TEAGLE FOUNDATIONS

Fall 2009 – Summer 2011	Evaluation of Advanced Composition at University of Illinois
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TITLE VI

Summer 2011	Center for African Studies African Sister Cities Initiative
Summer 2010	Center for African Studies African Institute for Educators
Fall 2009	European Union Center Summer Study Tour

ARIZONA DEPARTMENT OF EDUCATION

Fall 2007 – Summer 2009	Arizona State Character Education
Fall 2007 – Spring 2009	READ 180 Program
Fall 2007 – Spring 2008	Voyager University / Scholastic Red Professional Development
Spring 2008	Arizona State Report Card Survey
Spring 2008 – Spring 2009	Title I: Arizona Supplemental Educational Services



HONORS AND AWARDS

AWARDS

OCTOBER 2023	Excellence in Reviewing Award American Journal of Evaluation
APRIL 2020	Faculty Excellence in Research & Creative Activity Honoree University of North Carolina Greensboro
FEBRUARY 2020	Carl A. Grant Scholar University of Wisconsin-Madison
NOVEMBER 2019	Marcia Guttentag Promising New Evaluator Award American Evaluation Association (AEA)
MAY 2019	Distinguished Research Scholar Award School of Education University of North Carolina Greensboro
JANUARY 2019	Editors' Choice Paper of 2018 Journal of Biomechanical Engineering
APRIL 2018	Faculty Excellence in Research & Creative Activity Honoree University of North Carolina Greensboro

HONORED CONFERENCE PRESENTATIONS

OCTOBER 2023	American Evaluation Association 2023 Conference Presidential Strand Presentation
APRIL 2023	American Educational Research Association 2023 Conference Presidential Panel Session
NOVEMBER 2022	American Evaluation Association 2022 Conference Presidential Strand Presentation
OCTOBER 2020	American Evaluation Association 2020 Conference Presidential Strand Presentation
JANUARY 2020	Association of American Colleges & Universities 2020 Conference Project Kaleidoscope (PKAL) Special Selected Session
NOVEMBER 2018	American Evaluation Association 2018 Conference Presidential Strand Presentation
NOVEMBER 2017	American Evaluation Association 2017 Conference Presidential Strand Presentation
OCTOBER 2012	American Evaluation Association 2012 Conference Presidential Strand Presentation
NOVEMBER 2011	American Evaluation Association 2011 Conference Presidential Strand Special Competition Winner



GRANTS AND CONTRACTS

EXTERNALLY FUNDED (BOYCE TOTAL BUDGET ~\$5.5 MILLION)

CO-PRINCIPAL INVESTIGATOR

Becho, L., Wingate, L., **Boyce, A. S.**, Tovey, T. L., & Lopez, M. (2024, January). "EvaluATE: The Evaluation Hub for Advanced Technological Education." National Science Foundation Advanced Technological Education Program, Sub-Contract from Western Michigan University, Co-PI: Research Lead, (ASU Budget: \$340,613; Total Funded, \$ 6,211,812).

Glenn, C., Brown-Jeffy, S., **Boyce, A. S.**, Mendez, J., & Schug, M. (2019, October). "**Spartans ADVANCE: Adaptations of practices for faculty equity, diversity, and inclusion at the University of North Carolina at Greensboro.**" National Science Foundation: ADVANCE-Adaptation Track, Co-PI, (\$999,807).

Becho, L., Wingate, L., Perk, E., **Boyce, A. S.**, & Harnar, M. (2019, January). "**EvaluATE: Transforming ATE Evaluation.**" National Science Foundation Advanced Technological Education Program, Sub-Contract from Western Michigan University, Co-PI: Research Lead, (UNCG Budget: \$253,062; ASU Budget: \$143,612; Total Funded, \$4,973,312).

Faeth, S., Patton, J., Phillips, L., & Sametz, L., **Boyce, A. S.**, Schug, M. (2017, February). "**UNCG Science, Technology, and Math Preparation Scholarships (STAMPS).**" National Science Foundation: S-STEM Program, Co-PI: Research Lead, (\$999,943).

Taylor, D., & **Boyce, A. S.** (2016, November). "**Targeted Infusion Project: Integrating soft matter into undergraduate general and physical chemistry courses.**" National Science Foundation: Historically Black Colleges and Universities - Undergraduate Program (HBCU-UP), Subcontract from North Carolina Central University, Co-PI: Research and Evaluation, (UNCG Budget: \$44,085; Total Funded: \$294,514).

EVALUATION AND RESEARCH CONTRACTS (INSTITUTION PI/CO-PI)

Boyce, A. S. (2023, October). "**Collaborative Research: Building Inclusivity and Racial Equity in Marine Science**", Sub-Contract from Hampton University, External Evaluator, (ASU Budget: \$300,000).

Boyce, A. S. (2023, October). "**Asthma Program Evaluation Consultant**", Sub-Contract from Center for Disease Control, External Advisor, (ASU Budget: \$38,079).

Boyce, A. S. (anticipated arrival - 2023, September). "Broadening the Impacts: BioMADE DEIA Resource Engine for Advanced Manufacturing." Department of Defense, Subcontract from BioMADE, External Advisor, (ASU Budget: \$14,961).

Barnaby, H., Jamison-Hooks, T., & **Boyce, A. S.** (2023, July). "The Scalable Asymmetric Lifecycle Engagement (SCALE)." Department of Defense, Subcontract from Purdue, ASU Co-PI, (ASU Budget: \$200,00).

Boyce, A. S. (2023, April). "Early Academic Outreach Office Evaluation." University of Arizona Early Academic Outreach Office Sub-Contract from the University of Arizona, External Evaluator, (ASU Budget: \$15,000).

Boyce, A. S. (2022, December). "The Internet of Things for Precision Agriculture (IoT4Ag) Engineering Research Center." *National Science Foundation ERC* Sub-Contract from the University of Pennsylvania, External Evaluator, (ASU Budget: \$150,000).

Boyce, A. S. (2022, February). "Center for Integration of Modern Optoelectronic Materials on Demand." *National Science Foundation STC*, Sub-Contract from the University of Washington, External Evaluator, (ASU Budget: \$412,588).

Smith, T., & **Boyce, A. S.** (2021, March). "SCALE Workforce Development." *United States Department of Defense*. Sub-Contract from Purdue University, External Evaluator, (UNCG Budget: \$99,818.00).

Boyce, A. S., & Reid, A. (2020, September). "GEMS: Genomics and eco-evolution of multi-scale symbioses." *National Science Foundation Biology Integration Institute-Implementation*: Sub-Contract from the University of Illinois at Urbana-Champaign, External Evaluator, (UNCG Budget: \$499,759; Total Funded: \$12,500,000).

Boyce, A. S., & Reid, A. (2019, September). "NSF INCLUDES Alliance: STEM PUSH (Pathways for Underrepresented Students to Higher Education) Network." *National Science Foundation INCLUDES Alliance*, Sub-Contract from the University of Pittsburg, External Evaluator, (UNCG Budget: \$499,886; Total Budget: \$10,000,000).

Boyce, A. S., & Reid, A., Willse, J. (2019, September). "Midwest Big Data Hub." National Science Foundation Big Data Regional Innovation Hubs, Sub-Contract from the University of Illinois at Urbana-Champaign, External Evaluator, (UNCG Budget: \$97,994).

Boyce, A. S. (2019, September). "Engineered nanoBIO Node." *National Science Foundation: Network for Computational Nanotechnology Program*, Sub-Contract from Indiana University, External Evaluator, (UNCG Budget: \$89,885; Total to be Funded: \$4,000,000).

Boyce, A. S. (2019, September). "Network for Computational Nanotechnology Cyber Platform- nanoHUB." *National Science Foundation: Network for Computational Nanotechnology Program*, Sub-Contract from Purdue University, External Evaluator, (UNCG Budget: \$97,994).

Boyce, A. S. (2017, September). "Hierarchical nanoMFG Node." *National Science Foundation: Network for Computational Nanotechnology Program*, Sub-Contract from University of Illinois at Urbana-Champaign, External Evaluator, (UNCG Budget: \$99,050; Total to be Funded: \$4,000,000).

INTERNALLY FUNDED BY UNCG (TOTAL FUNDING ~\$15,000)

Boyce, A. S., +Smith, A., + Bokungu Ndjoli, A. (2021, Summer). "Measuring Equity, Diversity, and Inclusion in the ATE Program." UNCG Undergraduate Research Scholarship; Creativity Office: *Undergraduate Research and Creativity Award* (\$4,000).

Boyce, A. S., & +Ladokun, S. (2020, Summer). "Measuring Equity, Diversity, and Inclusion in the ATE Program." UNCG Undergraduate Research Scholarship; Creativity Office: *Undergraduate Research and Creativity Award* (\$1,000).

Boyce, A. S., & +Malloy, C. (2020, Summer). "Measuring Equity, Diversity, and Inclusion in the ATE Program." UNCG Undergraduate Research Scholarship; Creativity Office:

Undergraduate Research and Creativity Award (\$1,000).

Boyce, A. S., & +Malloy, C. (2021, Spring). "Measuring Equity, Diversity, and Inclusion in the ATE Program." UNCG Undergraduate Research Scholarship; Creativity Office: Undergraduate Research and Creativity Award (\$1,000).

Boyce, A. S., & Willse, J. (2017, March). "An evaluation of the CFNC Pathways online portal." Evaluation Contract UNC General Administration CFNC, PI, (\$3,915).

Boyce, A. S. (2016, March). "Development, implementation, and validation of an undergraduate STEM climate survey." University of North Carolina at Greensboro Research and Instruction in STEM Education (RISE) Small Grant Program, PI, (\$2,500).

Chouinard, J. A., & **Boyce, A. S.** (2015, October). "Bridging theory and practice through evaluation fieldwork: Understanding the experiences of novice evaluation practitioners." University of North Carolina at Greensboro New Faculty Mentor Program Mini-Grant, Co-PI, (\$1,500).



GRADUATE TEACHING EXPERIENCE

ARIZONA STATE UNIVERSITY

- Professional Seminar in Program Evaluation I
- Professional Seminar in Program Evaluation II
- Anti-Racist Evaluation and Research Methodologies

UNIVERSITY OF NORTH CAROLINA GREENSBORO

- Advanced Evaluation Theory
- Applied Educational Evaluation
- Culturally Responsive Approaches to Research and Evaluation
- Educational Measurement and Evaluation
- Educational Research Methods
- Evaluation of Educational Programs
- Professional Seminar in Advanced Research Methods



PUBLICATIONS

- * Denotes graduate student at the time of submission.
- + Denotes undergraduate student at the time of submission.

REFEREED JOURNAL ARTICLES

Avent, C., Reid, A. M., *Moller, J., *Adetogun, A., & **Boyce, A. S.** (2023). Navigating the Field While Black: A Critical Race Analysis of Peer and Elder Advice to and From Black Evaluators. *American Journal of Evaluation*. <https://doi.org/10.1177/10982140231184902>

Boyce, A. S., Avent, C., *Adetogun, A., *Hall, C., Sametz, L., Phillips, L., *Kane, A., Patton, J., Petersen, K., & Schug, M. (2023). Examining Self-Efficacy, Science Identity, and Sense of Belonging within a Cohort-Based STEM Program. *Journal of College Science Teaching*, 52 (7), 35-43.

LaVelle, J., Neubauer, L.C., Boyce, A. S., & Archibald, T. (2023). Setting the stage for critically defined and responsive evaluator education and training. In J. LaVelle, L. C. Neubauer, A. S. Boyce, T. Archibald. (Vol. Eds) *New Directions for Evaluation, Preparing the 21st Century Evaluator: Critically-Defined and Responsive Education and Training*, 177, 13-22.

Reid, A. M., Boyce, A. S., *Chuquiruna, J. A., *Somo-Aina, O., +Malloy, C., & *Stephensen, S. (2023). A Values-Engaged, Educative Training and Mentoring Model for Evaluation Students. In J. LaVelle, L. C. Neubauer, A. S. Boyce, T. Archibald. (Vol. Eds) *New Directions for Evaluation, Preparing the 21st Century Evaluator: Critically-Defined and Responsive Education and Training*, 177, 135-143

Neubauer, L.C., LaVelle, J., **Boyce, A. S.**, & Archibald, T. (2023). The evaluator and evaluation: Critical considerations for the future of education and training. In J. LaVelle, L. C. Neubauer, A. S. Boyce, T. Archibald. (Vol. Eds) *New Directions for Evaluation, Preparing the 21st Century Evaluator: Critically-Defined and Responsive Education and Training*, 177, 153-162.

Boyce, A. S., Tovey, T. L. S., *Onwuka, O., *Moller, J. R., *Clark, T., & +Smith, A. (2023). Exploring NSF-Funded Evaluators' and Principal Investigators' Definitions and Measurement of Diversity, Equity, and Inclusion. *American Journal of Evaluation*, 44(1), 50-73.

Boyce, A. S., Reid, A. M., Avent, C., *Adetogun, A., *Moller, J., & *Hooks Singletary, B. (2023). Social justice as ontology: The intersection of Black evaluators' identities, roles, and practice. *American Journal of Evaluation*, 44 (3), 528-548.

Henderson, J., Hines, E., **Boyce, A. S.**, *Golden, M., *Singleton, P., *Davis, J., *Slack, T., & *Junqueira, W. (2022). Factors Impacting Engineering Advanced Degree Pursuit and Attainment for Black Males. *Journal of Women and Minorities in Science and Engineering*, 28(4), 1-24.

*Arias Orozco, G., Avent, C., Reid, A. M., **Boyce, A. S.**, & Taylor, D. (2021). Continuing to nurture minoritized STEM scholars: Evaluation of a polymer- infused chemistry research experience at an HBCU. *Journal of Negro Education*, 90(3), 411-423.

Boyce, A. S. (2021). Strategies for Mentoring and Advising Evaluation Graduate Students of Colour. *Canadian Journal of Program Evaluation*, 35(3), 350-362.

McGowan, B. L., Jones, C. T., **Boyce, A. S.**, & Watkins, S. (2021). Black faculty engaging controversial topics in the college classroom: An interdisciplinary response to education violence. *The Urban Review*, 53(5), 881-903.

Boyce, A. S. (2020). Introduction to Second Section on Values in Evaluation Praxis. In, A. S. Boyce, A. M. Gullickson, K. Hassall, & K. Hannum. (Vol. Eds.) *Evaluation Journal of Australasia: Second Special Issue on Values in Evaluation*. 20(2), 86-88.

Hassall, K., Gullickson, A., & Boyce, A. S. (2020) Editorial. In, **A. S. Boyce**, A. M. Gullickson, K. Hassall, & K. Hannum. (Vol. Eds.) *Evaluation Journal of Australasia: Second Special Issue on Values in Evaluation*. 20(2), 63-67.

Reid, A. M., **Boyce, A. S.**, *Adetogun, A., *Moller, J., & Avent, C. (2020). If not us, then who? Evaluators of color and social change. In L. C. Neubauer, D. McBride, A. D. Guajardo, W. D. Casillas, & M. E. Hall (Eds.), *Examining Issues Facing Communities of Color Today: The Role of Evaluation to Incite Change*. *New Directions for Evaluation*, 166, 23-36.

LaChenaye, J., **Boyce, A. S.**, Van Draanen, J., & Everett, K. (2019). Community, theory, and guidance: Benefits of peer-mentoring in evaluation. *Canadian Journal of Program*

Evaluation, 34(1), 102–117.

Boyce, A. S., & McGowan, B. L. (2019). An exploration of two novice evaluation educators' experiences developing and implementing introduction to evaluation courses. *American Journal of Evaluation*, 40(1), 119–136.

Boyce, A. S., *Avent, C., *Adetogun, A., Servance, L., DeStefano, L., Nerem, R., & Platt, M. (2019). Lessons learned from the implementation and evaluation of a science and engineering research experience for African-American high school students. *Evaluation and Program Planning*, 72, 162–169.

Boyce, A. S. (2019). Introduction to Section on Values in Evaluation Praxis. In A. Gullickson, K. Hannum, K. Hassall, & M. Roorda (Vol. Eds.) *Evaluation Journal of Australasia: Special Issue on Values in Evaluation*. 19(4), 195–198.

Boyce, A. S. (2019). A re-imagining of evaluation as social justice: A discussion of the Education Justice Project. *Critical Education*, 10(1), 1–19.

*Avent, C., **Boyce, A. S.**, LaBennett, R., & Taylor, D. (2018). Increasing chemistry content engagement by implementing polymer infusion into gatekeeper chemistry courses. *Journal of Chemical Education*, 95 (12), 2164–2171.

*Avent, C., **Boyce, A. S.**, Servance, L., DeStefano, L., Nerem, R., & Platt, M. (2018). Implementation and evaluation of a biomedical engineering research experience for African-American high school students at a tier one research university. *Journal of Biomechanical Engineering*, 40(8), 084701–8.

Chouinard, J. A. & **Boyce, A. S.** (2017). The impact of practice on pedagogy: Reflections of novice evaluation teachers. *Canadian Journal of Program Evaluation*, 32(2), 280–287.

Boyce, A. S., & Chouinard, J. A. (2017). Moving beyond the buzzword: A framework for teaching culturally responsive approaches to evaluation. *Canadian Journal of Program Evaluation*, 32(2), 266–279.

Boyce, A. S. (2017). Lessons learned using a values-engaged approach to attend to culture, diversity, and equity in a STEM program evaluation. *Evaluation and Program Planning*, 64, 33–43.

Chouinard, J. A., **Boyce, A. S.**, *Hicks, J., *Jones, J., *Long, J., *Pitts, R., & *Stockdale, M. (2017). Navigating theory and practice in evaluation fieldwork: Experiences of novice evaluation practitioners. *American Journal of Evaluation*, 38(4), 493–506.

Trenshaw, K. F., Schlude, J. W., Miletic, M., **Tillman, A. S.**, Vogel, T. J., Henderson, J. A., & Seebauer, E. G. (2015). Developing an instrument to assess student outcomes from completing chemical engineering design projects. *International Journal of Engineering Education*, 31(5), 1352–1375.

Bowen, M., & **Tillman, A. S.** (2015). Developing culturally responsive surveys: Lessons in development, implementation, and analysis from Brazil's African descent communities. *American Journal of Evaluation*, 36(1), 25–41.

Trenshaw, K. F., Henderson, J. A., Miletic, M., Seebauer, E. G., **Tillman, A.S.**, & Vogel T. (2014). Integrating team-based design across the curriculum at a large public

university. *Chemical Engineering Education*, 49(3), 139–157.

Bishop, L. M., **Tillman, A. S.**, Geiger, F. M., Haynes, C. L., Klaper, R. D., Murphy, C. J., Orr, G., Pedersen, J. A., DeStefano, L., & Hamers, R. J. (2014). Enhancing graduate student communication to general audiences through blogging. *Journal of Chemical Education*, 91 (10), 1600–1605.

Meyer, A., Knutson, C., Finkenstaedt-Quinn, S., Gruba, S., Meyer, B., Thompson, J., Maurer-Jones, M., Meierhofer, S., **Tillman, A.S.**, DeStefano, & L. Haynes, C. (2014). Activities for middle school students to sleuth a chemistry “whodunit” and investigate the scientific method. *Journal of Chemical Education*, 91(3), 410–413.

BOOKS

Wingate, L., **Boyce, A. S.**, Becho, L., Robertson, K. (under contract). *Core Concepts in Evaluation*. Newbury Park, CA: Sage.

Hall, J., **Boyce, A. S.**, Hopson, R. (Eds.) (2023). *Disrupting Program Evaluation and Mixed Methods Research for a More Just Society: The Contributions of Jennifer C. Greene*. Charlotte, NC: Information Age Publishing.

Greene, J. C., **Boyce, A. S.**, & Ahn, J. (2011). *Values-engaged, educative evaluation guidebook*. University of Illinois, Urbana-Champaign. Created and produced with funds from the National Science Foundation. AEA eLibrary.

EDITOR OF JOURNAL SPECIAL ISSUES AND VOLUMES

A. S. Boyce, L. C. Neubauer, N. Bowman, & M. Hall. (Vol. Eds.). (in progress). *New Directions for Evaluation, We Know Your Name: 25 Years Later, the Rooted History, Legacy, and Future of CRE*.

J. LaVelle, L. C. Neubauer, **A. S. Boyce**, T. Archibald. (Vol. Eds.). 2023. *New Directions for Evaluation, Preparing the 21st Century Evaluator: Critically-Defined and Responsive Education and Training*.

A. S. Boyce, A. M. Gullickson, K. Hassall, & K. Hannum. (Vol. Eds.). 2020. *Evaluation Journal of Australasia: Second Special Issue on Values in Evaluation*, 20(2).

BOOK CHAPTERS

Boyce, A. S., Hall, J. N., and Avent, C. M. (in progress). Cultural Responsiveness in Evaluation. In K. Newcomer & T. White (Eds.) *Handbook on Research and Evaluation*. Edward Elgar Publishing.

Hall, J. N., & **Boyce, A. S.** (2023). Culturally responsive mixed methods: Navigating cultures in research designs. In C. Poth (Ed). *The Sage Handbook of Mixed Methods Research Design*. (pp. 397-410). Newbury Park, CA: Sage.

Boyce, A. S., & Rivera, L. (2023). Answering the call: Over fifteen years of disrupting STEM programming through values-engaged, educative evaluation. In J. Hall, **A. S. Boyce**, & R. Hopson (Eds.) *Disrupting Program Evaluation and Mixed Methods Research for a More Just Society: The Contributions of Jennifer C. Greene*. (pp. 123-136). Charlotte,

²From 2012–2015 my last name was Tillman.

NC: Information Age Publishing.

Chouinard, J. A., & **Boyce, A.S.** (2018). Creating collaborative community practices through restorative justice principles in evaluation. In R. Hopson, F. Cram, & R. Millett (Eds.), *Tackling Wicked Problems in Complex Evaluation Ecologies: The Role of Evaluation* (pp 129-154). Redwood City, CA: Stanford University Press.

PODCAST SESSIONS

Linnell, D. (Host) & **Boyce, A. S.** (Guest). (2022, May 3). Evaluation Job Market with Dr. Ayesha Boyce (No. 34) [Audio podcast episode]. In EvaluLand. <https://evaluland.fireside.fm/34>

Miles, M., McGee, E. O. (Hosts), & **Boyce, A. S.** (Guest). (2022, April 29). Celebrating Black STEM Education Researchers with Dr. Ayesha Boyce (No. 3) [Audio podcast episode]. In Explorations in Diversity Engineering Faculty Initiative. Vanderbilt University.

<https://www.teamedefi.org/podcast/episode/2bb0419d/celebrating-black-stem-education-researchers-with-dr-ayesha-boyce>

Wisner, D., Tovey, T. S., Smith, L. (Hosts), & **Boyce, A. S.** (Guest) (2021, April 1). Teaching Evaluation and Supporting Students and Colleagues of Color with Ayesha Boyce (No. 9) [Audio podcast episode]. In Racial (Re)imaging. <https://radicalreimagining.com/conversations/>

Linnell, D. (Host) & **Boyce, A. S.** (Guest). (2020, July 21). Teaching Evaluation and Supporting Students and Colleagues of Color with Ayesha Boyce (No. 4) [Audio podcast episode]. In EvaluLand. <https://evaluland.fireside.fm/4>

BLOG CONTRIBUTIONS

Kirtman, N., & **Boyce, A. S.** (2023). DEI Working Group Week: Passing Generational Wisdom: Using Narrative and Oral History to Honor Legacies. American Evaluation Association 365 Blog, July 26, 2023.

Boyce, A. S., Felt, D., Kirtman, N., & Maack, S. (2023). DEI Working Group Week: AEA's DEI Metrics Sub Group: Recommended Indicators and Measures of DEI. American Evaluation Association 365 Blog, July 25, 2023.

Boyce, A. S. (2023). Equity, Authenticity, and Convening: Reflecting on the Impact of Dr. Hood's Mentorship. American Evaluation Association 365 Blog, March 1, 2023.

Boyce, A. S., Tovey, L. S. T., *Acree, J., *Onwuka, O., & *Tewari, N. R. (2022). Defining and Measuring Diversity, Equity, and Inclusion. American Evaluation Association 365 Blog, August 9, 2022.

Shanker, V., **Boyce, A. S.**, Smith, L. (2022). The Power of Perspective: Generations of Evaluators Generating Change. American Evaluation Association 365 Blog, July 29, 2022.

Kirtman, N., Peoples, L. Q., **Boyce, A. S.**, Felt, D. & Maack, S. (2022). Using Metrics & Assessments for Transformative Equity. American Evaluation Association 365 Blog, July 27, 2022.

Boyce, A. S. (2022). Vacuums, Reviews, and Outputs: Teaching Logic Models. American Evaluation Association 365 Blog, January 11th, 2022.

Boyce, A. S. *Adetogun, A., *Avent, C., & *Arias, G. (2019). Speaking truth to power in three NSF evaluation contexts. American Evaluation Association 365 Blog, March 19th, 2019.

Boyce, A. S. (2018). Advanced study in evaluation theory. American Evaluation Association 365 Blog, August 26th, 2018.

Boyce, A. S. (2018). Attending to culture, diversity, and equity in STEM program evaluation (Part 2). EvaluATE Blog May 9th, 2018.

Boyce, A. S. (2018). Attending to culture, diversity, and equity in STEM program evaluation (Part 1). EvaluATE Blog, May 1st, 2018.

Platt, M., & **Boyce, A. S.** (2015). Improving evaluator communication and PI evaluation understanding to increase evaluation use: The evaluator's perspective. EvaluATE Blog, December 16th, 2015.

Boyce, A. S., & Platt, M. (2015). Improving evaluator communication and PI evaluation understanding to increase evaluation use: The principal investigator's perspective. EvaluATE Blog, December 10th, 2015.

Tillman, A. S. (2014). Graduate student and new evaluator (GSNE) TIG mentorship program. American Evaluation Association 365 Blog, July 20th, 2014.

Tillman, A. S. (2014). Advice for new evaluators. American Evaluation Association 365 Blog, February 9th, 2014.

Tillman, A. S. (2012). Finding an entry to mid-level evaluation position within a government agency. American Evaluation Association 365 Blog, August 15th, 2012.

Boyce, A. S., Jimenez, M. B., & Juarez, G. (2011). Presenting cultural and other sensitive evaluation findings through skit. American Evaluation Association 365 Blog, September 20th, 2011 at Greensboro.



PRESENTATIONS – SELECTED

* Denotes graduate student at the time of presentation.

+ Indicates undergraduate student at the time of presentation.

INVITED PRESENTATIONS

Boyce, A. S. (2023, May). *Culturally Responsive Evaluation*. Black Perspectives on Evaluation Series.

Boyce, A. S. (2023, May). *Culturally Responsive Evaluation Theory, Practice, and Teaching*. Arizona Evaluation Network Lunch and Learn Series.

Jimenez-Silva, M., Sampson, C., & **Boyce, A. S.** (2023, April). *Critical Race Theory in Practice*. ASU MLFTC GSA Panel.

Allen, W., Antwi-Donkor, N., **Boyce, A. S.**, Igweta, G., & Rissi, E. J. (2023, March). *Centering Equity in Evaluation Work*. Encompass Learning Center Sponsored Panel.

Boyce, A. S. (2023, March). *Reflections from an Afro-Latina associate professor*. Howard University, Human Development & Psychoeducational Studies Department.

Boyce, A. S., & Garcia, G. (2022, November). *Evaluation Strategies for Latino/a/e STEM students and faculty*. Puerto Rico HEARTS (Higher Education Assembly of Researchers, Thriving not just Surviving) Conference.

Boyce, A. S., & Orozco, R. A. (2022, October). *Everything you need to know about networking as a PhD student*. ASU Graduate College Presidential Graduate Assistants Conversation Series.

Boyce, A. S., & Coronado, I., Orozco, R. A., & Monica, C. (2022, September). *New Scholars Colloquium Panel*. ASU Graduate College Presidential Graduate Assistants Conversation Series.

Boyce, A. S., Chouinard, J. A., & Chiu, Y. (2022, May). *Practicing culturally responsive and equitable evaluation*. Evaluation Capacity Network Panel.

Boyce, A. S. (2022, February). *Ethnicity, values, and earning tenure: Reflections from an Afro-Latina on earning tenure*. Howard University, Human Development & Psychoeducational Studies Department.

Boyce, A. S. (2021, December). *Attending to culture, equity, diversity, and inclusion as an emerging evaluator*. Michigan State University Program Evaluation Occasional Speaker Series.

Boyce, A. S. (2021, November). *Culturally Responsive STEM Evaluation*. Virginia Tech Evaluation Speaker Series.

Boyce, A. S. (2021, April). *Culturally Responsive Internal and External Evaluation*. Spelman College Office of Research, Innovation, and Collaboration.

Boyce, A. S. (2021, March). *Attending to Diversity, Equity, and Inclusion in Program Evaluation*. Southeast Evaluation Association.

Boyce, A. S. (2021, March). *Strategies for supporting underrepresented minority students*. Bowling Green State University, Human Development and Family Studies Department.

Boyce, A. S., & *Stephenson, S. (2021, March). *NanoBIO evaluation*. National Science Foundation Virtual Site Visit.

Boyce, A. S., & *Moller, J.R. (2021, March). *NanoHUB evaluation*. National Science Foundation Virtual Site Visit.

Boyce, A. S. (2021, February). *Reflections from a Black Latina tenure-track faculty member*. Howard University, Human Development & Psychoeducational Studies Department.

Smith, J., Cyrus, D., Bowman, N., Ballard, K., Gadson, A., & **Boyce, A. S.** (2021, February). *Black Women Activists in Art and Education*. UNCG African American and African Diaspora Studies Conversation with the community.

Boyce, A. S. (2021, January). *Strategies for Planning, Implementing, and Evaluating Department DEI Initiatives*. NSF AGEP North Carolina Alliance, Winter Alliance Meeting.

Boyce, A. S., Metcalf, H., & Smith, T. (2020, December). *Sustainable Equity-Centered Practices for Broadening Participation in STEM*. NSF INCLUDES National Network.

Boyce, A. S. (2020, October). *Graduate school, work-life balance, and self-care*. UNC Greensboro Graduate Student Association.

Boyce, A. S., Carter, A., Gopez, G., Hall, J. N., Rios, A., Rivera, L., Tatum, T., Taylor-Schiro, E., (2020, October). *Anti-Racism in Program Evaluation*. Atlanta-area Evaluation Association

Boyce, A. S. (2020, October). *Strategies for Mentoring & Advising Graduate Students of Color*. UNC Greensboro Coalition for Diversity in Language and Culture.

Boyce, A. S. (2020, June). *NanoMFG* evaluation. National Science Foundation Virtual Site Visit.

Boyce, A. S., & *Stephenson, S. (2020, June). *NanoBIO* evaluation. National Science Foundation Virtual Site Visit.

Boyce, A. S., & *Moller, J.R. (2020, March). *NanoHUB* evaluation. National Science Foundation Site Visit, West Lafayette, IN.

Boyce, A. S. (2020, February). *Building interdisciplinary research teams*. University of North Carolina Greensboro Child and Family Research Network hosted Panel. Greensboro, NC.

Boyce, A. S. (2020, February). *Teaching and attending to culture, diversity, equity, and inclusion in program evaluation*. University of Wisconsin Madison Carl A. Grant Scholar Colloquium. Madison, WI.

Boyce, A. S. (2020, February). *Graduate school and work-life balance: Reflections and advice from an early career evaluation scholar, teacher, and practitioner*. University of Wisconsin at Madison Carl A. Grant Scholar Invited Presentation.

Boyce, A. S. (2019, April). *Lessons learned and reflections on evaluation practice*. Tennessee Tech University Annual Symposium on Program Planning and Evaluation. Cookeville, TN.

Boyce, A. S. (2019, April). *Lessons learned after a dozen years of evaluation practice*. University of Illinois at Urbana-Champaign Introduction to Evaluation Course. Urbana, IL.

Boyce, A. S., & *Avent, C., (2019, April). *NanoMFG* Node evaluation. National Science Foundation Site Visit, Urbana, IL.

Boyce, A. S., & *Avent, C., (2018, June). *NanoMFG* Node evaluation. National Science Foundation Site Visit, Urbana, IL.

Boyce, A. S., *Avent, C., Arias, G., & Adetogun, A. (2018, May). *NCCU HBCU-UP TIP 2018-2019 evaluation* and research overview. NCCU HBCU-UP TIP External Advisory Board Meeting, Durham, NC.

Gates, E., Gopez, G., **Boyce, A. S.,** Rivera, L., & Garcia, G. (2018, March). *Becoming better evaluators through reflective practice*. Presentation at the Chamblee Campus Evaluation Community of Practice meeting at the Centers for Disease Control and Prevention, Atlanta, GA.

*Avent, C., **Boyce, A. S.,** *Arias, G., & *Adetogun, A. (2017, May). *NCCU HBCU-UP TIP 2017-2018*

evaluation findings. NCCU HBCU-UP TIP External Advisory Board Meeting, Durham, NC.

Boyce, A. S. (2017, November). *Equity, Diversity, and Culture in STEM Program Evaluation*. Triad Evaluators Network Meeting, Greensboro, NC.

Boyce, A. S. (2017, October). *Equity, diversity, and culture in STEM program evaluation*. African American & African Diaspora Studies Program: Conversation with the Community Series, Greensboro, NC.

Boyce, A. S. (2017, August). *CCBM CREST external evaluation*. NSF CCBM CREST External Advisory Board Meeting, Merced, CA.

Boyce, A. S., & *Avent, C. (2017, June). *NCCU HBCU-UP TIP spring 2017 evaluation and research overview*. NCCU HBCU-UP TIP External Advisory Board Meeting, Durham, NC.

*Avent, C. & **Boyce, A. S.** (2017, June). *NCCU HBCU-UP TIP spring 2017 evaluation findings*. NCCU HBCU-UP TIP External Advisory Board Meeting, Durham, NC.

Boyce, A. S. (2016, April). *NanoBIO Node evaluation*. National Science Foundation Site Visit, Urbana, IL.

Boyce, A. S., DeStefano, L., & Greene, J.C. (2015, September). *Values-Engaged, Educative Evaluation Approach*. MSPnet.

Boyce, A. S., & DeStefano, L. (2015, June). *Emergent Behaviors of Integrated Cellular Systems evaluation*. EBICS Annual Retreat, Callaway Gardens, GA.

Boyce, A. S., & DeStefano, L. (2015, April). *NanoBIO Node evaluation*. National Science Foundation Site Visit, Urbana, IL.

PANEL PRESENTATIONS (PEER-REVIEWED)

Silberglitt, M., **Boyce, A. S.**, Faulkner-Bond, M., Gong, B., Guzman-Orth, D., Hinds, F., Lazarus, S., Penuel, W., Pruitt, S., & Reid, A. (2023, April). *Systems for Equitable Educational Assessment*. Presented at the meeting for the American Educational Research Association, Chicago, IL.

Mumford, S., Newcomer, K., Cousins, B., Podems, D., & **Boyce, A. S.** (2022, November) *A Conversation on the evolving role and imperatives of the evaluator in a pluralistic society*. Presented at the meeting for the American Evaluation Association, New Orleans, LA.

Liston, M., Tau, Z., Rios, A., & **Boyce, A. S.** (2022, November) *Braiding systematic inquiry and movement building: an invitation for deep listening from field builders and connectors*. (Presidential Strand-moderator) presented at the meeting for the American Evaluation Association, New Orleans, LA.

Boyce, A. S., Taylor-Schiro, E., Garcia, G., Kawano-Chiu, M., & Mathes, S. (2022, November) *Co-creation of strategic evaluation to shift power*. (Conference Plenary-moderator) presented at the meeting for the American Evaluation Association, New Orleans, LA.

Brown-Jeffy, S., Ruffin Adams, A., & **Boyce, A. S.** (2021, February). *Raising Black Children in White Spaces During the Black Lives Matter Movement*. Conference on African American Culture and Experience, Virtual.

Lawrence, R., Hall, J., Dean-Coffey, J. **Boyce, A. S.**, Neubauer, L. C., Tibbetts, K., & Rallis, S. (2020, October). *Shining a Light on Qualitative Methods Being Implicated in a "Racist Project"*. Panel presented at the meeting for the American Evaluation Association, virtual.

Knight, C. C., Smith, T. L., **Boyce, A. S.**, & LaVelle, J. (2019, November). *From Classroom to Practice: Paving the Pathway to the Future of Evaluation Practice with Innovative Classroom Techniques*. Panel presented at the meeting for the American Evaluation Association, Minneapolis, MN.

*Reid, A., *Moller, J. R., *Avent, A., **Boyce, A.S.**, & *Adetogun, A. (2019, March). *Examining issues facing communities of color today: The role of evaluation to incite change*. Paper presented within a panel at the Center for Culturally Responsive Evaluation and Assessment Conference, Chicago, IL.

*Moller, J. R., *Reid, A., *Avent, A., **Boyce, A.S.**, & *Adetogun, A. (2019, March). *Constructing a culturally sensitive instrument: Critical reflections and implications for practice*. Paper presented at the Center for Culturally Responsive Evaluation and Assessment Conference, Chicago, IL.

*Acree, J., *Adetogun, A., *Arias, G., *Avent, C., **Boyce, A. S.**, Chouinard, J. C., *Moller, J. R., Smith, T., *Sunnassee, E., & *Zemaitis, J. (2018, November). *Graduate students speak their truth about power: Using Photovoice to capture a diversity of novice evaluator perspectives*. Panel (Presidential Strand) presented at the meeting for the American Evaluation Association, Cleveland, OH.

Gates, E., **Boyce, A. S.**, Garcia, G., Rivera, L., & Gopez, G. (2017, November). *Becoming better evaluators through reflective practice: Adventures & insights from diverse evaluators working in academic, government, & consulting contexts*. Panel presented at the meeting for the American Evaluation Association, Washington, D.C.

*Avent, C., *Reid, A., *Adetogun, A., & **Boyce, A. S.** (2017, February). *And still I rise: Lived experiences of prominent and emerging black evaluators*. Panel presented at the Conference on African-American and African Diasporic Culture and Experience, Greensboro, NC.

*Adetogun, A., *Avent, C., **Boyce, A. S.**, *Cavanaugh, S. A, Chouinard, J. C., Petrulis, R., *Sunnassee, E., *Thomas Pitts, R., *Long, J., *Yumsek, M., & *Zemaitis, J. (2016, October). *Designing a culturally responsive approach to evaluation: Using a case study to explore experiences of novice evaluators*. Panel presented at the meeting for the American Evaluation Association, Atlanta, GA.

Acker, C., Ayers, E., **Boyce, A. S.**, Famosa, E., Frazer, S., Garcia, G., & Marshall, B. (2016, October). *Designing your evaluation career panel*. Panel presented at the meeting for the American Evaluation Association, Atlanta, GA.

Boyce, A. S. (2016, October). *I can see clearly now: Considerations around providing formative feedback to STEM program staff across short-term, informal, and multi-site contexts*. Discussant for panel presented at the meeting for the American Evaluation Association, Atlanta, GA.

Boyce, A. S., Van Draanen, J., LaChenaye, J., Ruwase, O., Everett, K., & Hamm, M. (2015, November). *Community, theory, and guidance: Benefits of peer-mentoring in evaluation*. Panel presented at the meeting for the American Evaluation Association, Chicago, IL.

Chouinard, J. C., **Boyce, A. S.**, *Thomas, R., *Stockdale, M. R., *Hicks, J., *Long, J., & *Jones, J. L. (2015, November). *Bridging theory and practice through evaluation fieldwork: Experiences of novice evaluation practitioners*. Panel presented at the meeting for the American Evaluation Association, Chicago, IL.

Tillman, A. S. (2013, October). Panel: *Content, pedagogy, and diversity: Evaluating STEM (science, technology, engineering, and mathematics) programs using the Values-engaged, Educative Approach*. Paper: *Attending to culture and diversity in evaluations of undergraduate and graduate science, technology, engineering, and mathematics (STEM) research traineeships*. Paper presented within a panel at the meeting for the American Evaluation Association, Washington, DC.

Tillman, A. S., Downs, H., Jimenez, M. B., Juarez, G., & Rivera, L. (2013, October). *What every graduate student and novice evaluator should know*. Panel presented at the meeting of the American Evaluation Association, Washington, DC.

Tillman, A. S. (2013, April). Panel: *Values, access, and understanding: Attention to culture and diversity in STEM evaluation*. Paper: *Peeling back the layers: A multi-site STEM evaluation of an NSF Science Technology Center*. Paper presented within a panel at the Center for Culturally Responsive Evaluation and Assessment Inaugural Conference, Chicago, IL.

Tillman, A. S. (2012, October). Panel: *Evaluating with and for justice*. Paper: *Evaluator and participant relationships within an evaluation of prison education*. Paper presented within a panel at the meeting of the American Evaluation Association, Minneapolis, MN

Boyce, A. S., Cash, T., & Muhati, P. (2011, November). Panel: *Voice and representation in federal-level educational evaluations: An empirical sampling*. Paper: *Voice and values: Stakeholder representation in evaluations conducted by large research firms*. Paper presented within a panel at the meeting of the American Evaluation Association, Anaheim, CA. Ahn, J., & **Boyce, A. S.** (2010, November). *Equity and quality in evaluation: Ideas and illustrations from the field*. Paper presented within a panel at the meeting of the American Evaluation Association, San Antonio, TX.

PAPER PRESENTATIONS (PEER-REVIEWED)

Boyce, A. S., Hall, J., & Mertens, D. (2023, October). *Increasing the Power of Story through Transformative Culturally Responsive Mixed Methods Evaluation*. Paper presented at the meeting for the American Evaluation Association, Indianapolis, IN.

*Stone, C., *Albrechtsen, C., **Boyce, A. S.**, (2023, October). *Imbalances and Opportunities for MSIs in Research Collaborations: Evidence From the Evaluation of an NSF-Funded Science and Technology Center*. Paper presented at the meeting for the Center for Culturally Responsive Evaluation and Assessment Conference, Chicago, IL.

Boyce, A. S., Tovey, T. L. S., & *Tewari, N. R. (2023, October). *Centering Care Through Participatory Action Research on Engagement with DEI in STEM Evaluation*. Paper presented at the meeting for the Center for Culturally Responsive Evaluation and Assessment Conference, Chicago, IL.

*Hooks Singletary, B. T., **Boyce, A. S.**, & Reid, A. (2023, October). *The Use of Just-in-time feedback and critical friendship to promote Diversity, Equity, Inclusion, and Culture in the evaluation of an NSF INCLUDES*. Paper presented at the meeting for the Center for Culturally

Responsive Evaluation and Assessment Conference, Chicago, IL.

Cha, J., Wambua, P., Njuguna, A., Beardsley, A., & **Boyce, A. S.** (2022, November) *A Conversation on the evolving role and imperatives of the evaluator in a pluralistic society*. Presented at the meeting for the American Evaluation Association, New Orleans, LA.

Reid, A., & **Boyce, A. S.** (2022, November) *Leveraging Opportunities to recruit, train, and mentor undergraduate students in program evaluation*. Presented at the meeting for the American Evaluation Association, New Orleans, LA.

Boyce, A. S., Tovey, T. L. S., & Becho, L. (2022, October). Attending to Diversity, Equity, and Inclusion in STEM Program Evaluation. Presented at the meeting for Advanced Technological Education Principal Investigators' Conference, Washington, D.C.

Reid, A., & Avent, C. M., **Boyce, A. S.** (2021, October). Panel: *Walking the Talk of Equity & Social Justice: Insights from Research on Evaluation Studies*. Paper: If Not Us, Then Who? Evaluators of Color and Commitments to Social Change. Presented at the meeting for the American Evaluation Association (virtual meeting).

Boyce, A. S., Reid, A., & Avent, C. M. (2021, October). Panel: *Walking the Talk of Equity & Social Justice: Insights from Research on Evaluation Studies*. Paper: Social justice as ontology: The intersection of Black evaluators' identity, role, and practice. Presented at the meeting for the American Evaluation Association (virtual meeting).

*Adetogun, A., *Somo-Aina, O., +Poteat, K., +Ladokun, S., *Avent, C., *Onwuka, O., Reid, A. Smith, T. & **Boyce, A.S.** (2020, February). *Examining Self-Efficacy, Sense of Belonging, and Science Identity of the UNCG STAMPS Program*. Paper presented at North Carolina Association for Research in Education Conference. Greensboro, NC.

Boyce, A. S., Schug, M., Phillips, L., Sametz, L., Patton, J., Germuth, A., Adetogun, A., Avent, C., Abee, M., & Hawks, N. (2020, January). *Undergraduate STEM Reform: From Initiative to Institutionalization*. Special Project Kaleidoscope session within the Annual Meeting of the Association of American Colleges and Universities, Washington, D.C.

McGowan, B. L., **Boyce, A. S.**, & Jones, C. T. (2019, November). *Black faculty engaging controversial topics in the college classroom: An interdisciplinary response to education violence*. Paper presented at the Association for the Study of Higher Education (ASHE) conference. Portland, OR.

DeStefano, L., & **Boyce, A. S.** (2019, June). *Implementation and evaluation of a biotechnology research experience for African-American high school students*. S.T.E.M/S.T.E.A.M and Education Conference, Honolulu, Hawaii.

Chouinard, J. A., & **Boyce, A. S.** (2019, March). *An exploration of intersectionality as a critical dimension of culturally responsive practice*. Paper presented at the Center for Culturally Responsive Evaluation and Assessment Conference, Chicago, IL.

Boyce, A. S., *Reid, A., *Avent, C., & *Adetogun, A. Panel: *Say their names: Lived experiences of prominent and emerging black evaluators*. **Boyce, A. S.** (2017, November). Paper: Representation matters: Where are the prominent evaluators of color? Panel presented at the meeting for the American Evaluation Association, Washington, DC.

Boyce, A. S., *Adetogun, A., *Avent, C., *Servance, L., DeStefano, L., Nerem, R., & Platt, M. (2017, October). *Importance of evaluation for successful implementation of Project ENGAGES, a*

paid research experience for African-American high school students at Georgia Tech. Paper presented at the Biomedical Engineering Society Annual Meeting, Phoenix, AZ.

*Adetogun, A., & **Boyce, A. S.** (2017, March). *A review and critique of STEM education evaluation literature.* Presented at the Emergent Voices in Evaluation Conference, Greensboro, NC.

*Avent, C., *Reid, A., *Adetogun, A., & **Boyce, A. S.** (2017, March). *Lived experiences of prominent and emerging black evaluators.* Presented at the Emergent Voices in Evaluation Conference, Greensboro, NC.

*Mitchell, M., **Boyce, A. S.**, DeStefano, L., Platt, M., Nerem, R., & Servance, L. (2016, April). *The Values-Engaged, Educative (VEE) Evaluation Approach and broadening participation.* Paper presented at the Center for Culturally Responsive Evaluation and Assessment Conference, Chicago, IL.

Bowen, M. & **Boyce, A. S.** (2015, November). *Engaging stakeholders in an international context: Lessons learned from Brazil's African-descent communities.* Panel presented at the meeting for the American Evaluation Association, Chicago, IL.

Amos, J., Clancy, K., Hunter, C., & **Tillman, A. S.** (2015, June). Race, inclusion, and science: Things that really do go together. *Proceedings of the 122nd ASEE Annual Conference and Exposition*, Seattle, Washington.

Tillman, A. S., Garcia, G., & Rivera, L. (2014, October). *Who do we think we are: Being explicit about equity and diversity in STEM evaluation.* Paper presented at the meeting of the American Evaluation Association, Denver, CO.

Tillman, A. S., & DeStefano, L. (2014, October). *Relationships, equity, and institutionalization: The evaluation of three NSF graduate training programs.* Paper presented at the meeting of the American Evaluation Association, Denver, CO.

Tillman, A. S., Rivera, L., & DeStefano, L. (2014, September). *The case for the ubiquitous evaluator: Establishing an onsite and virtual presence in multisite STEM evaluation to facilitate cultural responsiveness.* Center for Culturally Responsive Evaluation and Assessment Conference, Chicago, IL.

DeStefano, L., & **Tillman, A. S.** (2013, October). *Lessons learned from evaluating a multi-site National Science Foundation Science Technology Center.* Paper presented at the meeting of the American Evaluation Association, Washington, DC.

Tillman, A. S., & Greene, J. C. (2013, April). *Evaluating for social justice: An evaluation of the Education Justice Project.* Paper presented within a panel at the Center for Culturally Responsive Evaluation and Assessment Inaugural Conference, Chicago, IL.

Ward Hood, D., & **Tillman, A. S.** (2013, April). *Illinois Scholarship Program: A culturally responsive approach to longitudinal evaluation.* Paper presented within a panel at the Center for Culturally Responsive Evaluation and Assessment Inaugural Conference, Chicago, IL.

Bowen, M. & **Tillman, A. S.** (2013, April). *Ser culturalmente sensíveis: Conceptualization, data collection and analysis in Brazil's African descent communities.* Paper presented within a panel at the Center for Culturally Responsive Evaluation and Assessment Inaugural Conference, Chicago, IL.

Trenshaw, K. F., Henderson, J., **Boyce, A. S.**, & DeStefano, L. (2012, October). *Student outcomes of design projects across the curriculum*. Frontiers in Education Conference, Seattle, Washington.

Mortensen, P., **Boyce, A. S.**, & Jimenez, M. B. (2012, March). *Assessing advanced composition instruction as the basis for systematic curricular improvement: Research findings and their afterlife in shared governance of the curriculum*. Conference on College Composition and Communication, Saint Louis, MO.

Boyce, A. S., Jimenez, M. B., & Juarez, G. (2011, November). *Lights, camera, evaluation: Presenting values and cultural nuances through two skits*. Paper presented at the meeting of the American Evaluation Association, Anaheim, CA.

Boyce, A. S., Jimenez, M. B., Mortensen, P., & DeStefano, L. (2011, April). *Enhancing traditional and innovative approaches to advanced composition in academic disciplines: Second progress report*. Paper presentation at the Allerton Writing Conference, Monticello, IL.

Jimenez, M. B., **Boyce, A. S.**, Mortensen, P., & DeStefano, L. (2010, December). *Enhancing traditional and innovative approaches to advanced composition in academic disciplines: Progress report*. Paper presentation at the University of Illinois at Urbana-Champaign General Education Board Meeting, Champaign, IL.

Greene, J., Ahn, J., & **Boyce, A. S.** (2010, November). *Responsible responsiveness in evaluation: To whom and to what?* Paper presented at the meeting of the American Evaluation Association, San Antonio, TX.

Boyce, A. S., Jimenez, M. B., & Mortensen, P. (2010, April). *Enhancing traditional and innovative approaches to advanced composition in academic disciplines*. Paper presentation at the Allerton Writing Conference, Monticello, IL.

Bell, R., & **Boyce, A. S.**, (2009, April). *An examination of the link between professional development, teacher learning, and student outcomes*. Paper presentation at the Arizona Evaluation Network Meeting, Phoenix, AZ.

Bell, R., **Boyce, A. S.**, & Blankson, G. (2008, July). *Arizona Department of Education's evaluation of Supplemental Educational Services in Arizona*. Paper presented at the Arizona Supplemental Educational Services Conference, Phoenix, AZ.

ROUNDTABLE PRESENTATIONS (PEER-REVIEWED)

*Moller, J. R., *Onwuka, O., **Boyce, A. S.**, Smith, T. L., *Adetogun, A., *Arias Orozco, G., *Avent, C., Reid, A., & *Stockdale, M. (2019, November). *Embracing Equity, Diversity, and Inclusion: Applications Toward a Future of Evaluation that Leaves No One Behind*. Roundtable presented at the meeting for the American Evaluation Association, Minneapolis, MN.

Boyce, A. S., *Avent, C., *Arias, G., & *Adetogun, A. (2018, November). *Challenges in speaking truth to power in three NSF evaluation contexts*. Roundtable presented at the meeting for the American Evaluation Association, Cleveland, OH.

Boyce, A. S., *Moller, J. R., *Onwuka, O., & Smith, T. L. (2019, October). *Defining and Measuring Equity, Diversity, and Inclusion*. Roundtable presented at the ATE Principal Investigators Conference, Washington, DC.

*Adetogun, A., *Moller, J., *Avent, C., *Reid, A., & **Boyce, A. S.** (2018, November). When powerbrokers speak truth: *Advice from prominent evaluators*. Roundtable presented at the meeting for the American Evaluation Association, Cleveland, OH.

Boyce, A. S., Robles-Shrader, G., Hall, M., Greene, J. C., Parsons, B., & Julnes, G. (2017, November). *Continuing the discussion: An AEA dialogue on race and class*. Presidential Strand Presentation presented at the meeting for the American Evaluation Association, Washington, DC.

Chouinard, J. A., & **Boyce, A. S.** (2017, November). *An exploration of restorative justice principles in evaluation*. Roundtable presented at the meeting for the American Evaluation Association, Washington, DC.

THINKTANK PRESENTATIONS (PEER-REVIEWED)

Gates, E., Gopez, G., **Boyce, A. S.**, Rivera, L., & Garcia, G. (2018, November). *To speak, or not to speak: Revealing cultural & contextual dimensions of speaking truth to power through skits*. Think Tank presented at the meeting for the American Evaluation Association, Cleveland, OH.

POSTER PRESENTATIONS

*Stone, C., *Albrechtsen, C., *Ibrahim, M., **Boyce, A. S.**, (2023, October). Whose Stories Get Told? Toward Validation and Representation in Culture and Climate Studies. Poster presented at the meeting for the American Evaluation Association, Indianapolis, IN.

+Poteat, K., +Ladokun, S., *Avent, C., *Adetogun, A., *Somo-Aina, O., *Onwuka, O., Reid, A. Smith, T., & Boyce, A.S. (2020, April). *Examining Self-Efficacy, Sense of Belonging, and Science Identity of the UNCG STAMPS Program*. Poster presented at the UNCG *Undergraduate Student Research Expo*.

Limbird, L. E., Nelms, B. L., Hussain, S., Li, Q., McCarroll, P., Jenkins, W., Campbell, P., Francis, T. K. **Boyce, A. S.**, & Williams-Devane, C. (2020, January) *Transformative Impact of Fisk University Implementation Project: Strategic Interdisciplinary Enhancement of Quantitative and Computational Life Sciences*. Poster presented at the HBCU-UP/CREST PI/PD Meeting, Washington, D.C.

Patton, J., Sametz, L., Schug, M., Phillips, L., **Boyce, A. S.**, Germuth, A., *Adetogun, A., *Avent, C., *Arias Orozco, G., *Abee, M., & *Hawks, N. (2019, September) *Science technology and mathematics preparation scholarships*. Poster presented at the meeting for the American Association for the Advancement of Science, Washington, D.C.

WORKSHOPS

Boyce, A. S. (2023, May). *Culturally Responsive Approaches to Evaluation*. Workshop presented at the Children, Youth, and Families at Risk (CYFAR) Grantees Meeting, Phoenix, AZ.

Boyce, A. S., Tovey, T. L. S., & Becho, L. (2022, October). Attending to Diversity, Equity, and Inclusion in STEM Program Evaluation. Four-hour workshop presented at the meeting for Advanced Technological Education Principal Investigators' Conference, Washington, D.C.



ADVISING

ARIZONA STATE UNIVERSITY

1. Courtney Stone (PhD) In progress

UNIVERSITY OF NORTH CAROLINA GREENSBORO (PHD)

Adeyemo Adetogun (MS/PhD program) Completed Spring 2023

Title: Discourse of Stem Education Evaluation: Current and Future Perspectives

Grettel Arias Orozco (MS/PhD program) Completed Spring 2022

Title: Latinas and Latinos In Program Evaluation Theory And Practice: An Examination Of The General Landscape

Cherie Avent (MS/PhD program) Completed Spring 2020

Title: Conceptualizations of Social Justice in Evaluation Through the use of Language

Chris Hall (PhD Program) Completed Fall 2022

Title: Addressing privilege not marginalization: Analysis of white evaluators perceptions of privilege

Aileen Reid (MS/PhD program) Completed Fall 2018

Title: Determinants of Presidential Longevity in Higher Education: Estimating a Structural Model from a Dataset Derived from Publicly Available Data

JR Moller (PhD Program) Completed Spring 2023

Title: Understanding the Gap in Theory to Practice in Evaluation

Emma Sunnassee (MS/PhD program) Completed Spring 2020

Title: Translating Theory to Practice: A Multi-Method Study of The Contribution Analysis Evaluation Approach

1. Jeremy Acree (PhD Program) In progress- ABD

2. Onyinyechukwu Onwuka (MS/PhD Program) In progress- ABD

UNIVERSITY OF NORTH CAROLINA GREENSBORO (MS)

Richard LaBennett (MS Program) Completed Fall 2019

Emily McDowell (MS Program) Completed Fall 2020



DISSERTATION COMMITTEE MEMBERSHIP

ARIZONA STATE UNIVERSITY

1. Caitlin Albrechtsen (EPE PhD Program) In progress

2. Molly Cashion (EdD Program) In progress

3. Kim Davis (EdD Program) In progress

4. Prince Kwarase (EPE PhD Program) In progress

UNIVERSITY OF NORTH CAROLINA GREENSBORO

Kshawna Askew (PhD program) **Completed Spring 2016**

Title: Defining Culturally Relevant Pedagogy: An exploration of the usefulness of concept mapping and assessment engineering for rubric development

Ciji Heiser (PhD program) **Completed Fall 2020**

Title: Examining Cultural Responsiveness and Invariance in the National Survey of Student Engagement for First Generation College Students.

Robyn Thomas Pitts (PhD program) **Completed Fall 2017**

Title: Understanding student learning evidence: A case study of evaluation use and evaluation influence for accountability and learning

Julianne Zemaitis (PhD program) **Completed Spring 2022**

Title: Multiple case study of the relationship between data use and evaluative thinking in school improvement planning

Tyler Clark (PhD program) **Completed Spring 2023**

Title: Beyond prison walls: Developing criteria to evaluate the equitable implementation of the ban-the-box policy

Brianna Hooks Singletary (PhD Program) **In progress – ABD**

Omodolapo Somo-Aina (MS/PhD program) **In progress**

Stacy Huff (MS/PhD Program) **In progress**

Charity Odetola (MS/PhD Program) **In progress**

SCHOOL OF EDUCATION

Shoroq Alkhatabi (Specialized Ed Services) **Completed Spring 2022**

Title: The Perception of Special Education Teachers of the Educational Experiences of Female Students with Moderate Intellectual Disabilities in Self-Contained Classrooms in Saudi Arabia

Rashed Alqahtani (Specialized Ed Services) **Completed Spring 2020**

Title: Arabic Language Knowledge Among Early Elementary Saudi Teachers of Students with Reading Disabilities: A Mixed Method Study

Mohammed Alshuayl (Specialized Ed Services) **Completed Fall 2021**

Title: Transition services from school to adult life for secondary students with moderate intellectual disabilities in Saudi Arabia: perceptions of parents and special education teachers

Lauren Baucom (Teaching Ed and Higher Ed) **Completed Spring 2022**

Title: An Exploratory Study on the Identity Work of Secondary Math Teachers and their Engagement with Critical Statistical Literacy

LaTasha Becton (Counseling and Ed Development) **Completed Spring 2019/2022**

Title: A Study of the Individual Factors that Contribute to Alcohol Related Risk in College Students

Betsy Chapman (Teaching Ed and Higher Ed) **Completed Fall 2019**
Title: A Quantitative Examination of the Ways Parents and Families Interact with their Students' College Following Campus-Sponsored Engagement Opportunities

Cherise James (Teaching Ed and Higher Ed) **Completed Spring 2019**
Title: Conflict Management Skills Acquisition and Usage in Student Affairs
Mid-Managers: A Phenomenological Study

Joseph Leblanc (Counseling and Ed Development) **Completed Spring 2019**
Title: Preparing School Counselor Leaders: An Intervention Study with First-Year Students

Christy Marhatta (Teaching Ed and Higher Ed) **In progress – ABD**

Amy Strickland (Teaching Ed and Higher Ed) **Completed Spring 2020**
Title: Leadership Development for Women in Higher Education: A Multiphase Mixed Methods Case Study.

Shreya Vaishnav (Counseling and Ed Development) **Completed Spring 2020**
Title: Experiences of Racial Microaggressions, Relational Mentoring, and Social Connectedness among Doctoral Students of Color in Counselor Education Programs

UNCG

Latifa Alsalimi (Communication Sciences & Disorders) **Completed Fall 2019**
Title: Modeling and Implementing a Prevention Voice Care Program for School Teachers in Kuwait

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

1. Marlon Mitchell (Curriculum and Instruction) **In progress - ABD**



PROFESSIONAL AND CAMPUS SERVICE

ARIZONA STATE UNIVERSITY

UNIVERSITY SERVICE

FALL 2023- SPRING 2024

Member

American Indian Studies Director Search Committee

SPRING 2023

Evaluation Advisory Board Member

Faculty Women's Association / ASU ADVANCE
Mentoring Pilot Program

MARY LOU FULTON TEACHERS COLLEGE SERVICE

FALL 2023 – PRESENT

Member

Personnel Evaluation Committee

FALL 2022 - PRESENT

Member

Doctoral Executive Council

FALL 2022 - PRESENT**Member**

PhD Methods courses ad hoc committee (Ad Hoc)

SPRING 2022 - PRESENT**Member**Application Review Committee (Ad Hoc)
EPE & LLT PhD Program**UNIVERSITY OF NORTH CAROLINA GREENSBORO****EDUCATIONAL RESEARCH METHODOLOGY DEPARTMENT SERVICE****FALL 2019 – SPRING 2020****Chair**

Faculty Search Committee

SPRING 2017 – SPRING 2019**Faculty Advisor**

ERM Graduate Student Consulting Group

FALL 2016 – SPRING 2017**Member**

Faculty Search Committee

SPRING 2016 – SUMMER 2021**Faculty Co-Advisor**

Emerging Voices in Evaluation (EViE) Conference

SPRING 2016 – SUMMER 2021**Member**

Curriculum Committee (Ad Hoc)

FALL 2015 – FALL 2018**Department Webmaster &
Social Networking Chair****SCHOOL OF EDUCATION SERVICE****SPRING 2019****Member**

Counseling Education Department Faculty Search Committee

SPRING 2019**Member**

SOE Associate Dean of Research Search Committee

SPRING 2019 – SUMMER 2021**ERM Department Representative**

Faculty Access and Equity Committee

FALL 2016 – SPRING 2017**Member**

SOE Associate Dean of Research Search Committee

FALL 2016 – SPRING 2018**ERM Department Representative**

Faculty Council

UNIVERSITY SERVICE**FALL 2020 – PRESENT****Member**

Provost Search Committee

SUMMER 2020 – PRESENT**Member**

Faculty Senate Equity Task Force

SPRING 2018**Invited Guest Speaker**

UNCG McNair Statewide Conference

SPRING 2017 – PRESENT**Faculty Affiliate**
African American and African Diaspora Studies**UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN****EDUCATIONAL PSYCHOLOGY DEPARTMENT SERVICE****AUGUST 2010 – MAY 2011****Elected Graduate Student Representative**
Department Executive Committee**JANUARY 2010 – MAY 2015****Volunteer Research, Evaluation, and Statistical
Analysis Consultant**
QUERIES Division**COLLEGE OF EDUCATION SERVICE****OCT. 2012 – OCT. 2013****Appointed Student Representative**
College of Education Research Committee**MAY 2011 – MAY 2014****Volunteer Evaluation Coordinator**
Education Justice Project**NATIONAL SERVICE
JULY 2022 – JULY 2025****Associate Editor**
Educational Evaluation and Policy Analysis (EEPA)**AMERICAN EVALUATION ASSOCIATION****OCT. 2021 – DEC. 2022****Committee Member**
AEA 2022 Conference Steering Committee**JULY 2021 – PRESENT****Member**
Diversity, Equity, and Inclusion Working Group**MAR. 2020 – OCT. 2020****Appointed Committee Member**
AEA Evaluation 2020 Presidential Program
Committee**MARCH 2019 – PRESENT****Conference Proposal Reviewer**
Teaching of Evaluation Topic Interest Group**NOV. 2017 – NOV. 2020****Appointed Co-Chair**
Multiethnic Issues in Evaluation Topic Interest Group**OCT. 2016 – JAN. 2018****Planning Committee Member**
An AEA Dialogue on Race and Class**NOV. 2016 – NOV. 2017****Immediate Past Elected Chair**
Science Technology Engineering Mathematics Topic
Interest Group**NOV. 2015 – NOV. 2016****Elected Chair**
Science Technology Engineering Mathematics Topic
Interest Group**NOV. 2014 – NOV. 2015****Incoming Elected Chair**
Science Technology Engineering Mathematics Topic
Interest Group

MAR. 2014 – OCT. 2017	Graduate Student and New Evaluator Mentor (2 iterations) Graduate Student and New Evaluator Topic Interest Group
NOV. 2013 – NOV. 2014	TIG Leadership Committee Member Science Technology Engineering Mathematics Topic Interest Group
MARCH 2013 – PRESENT	Conference Proposal Reviewer Science Technology Engineering Mathematics Topic Interest Group
MARCH 2011 – MARCH 2018	Conference Proposal Reviewer Graduate Student and New Evaluator Topic Interest Group
NOV. 2010 – NOV. 2012	Elected Co-Chair Graduate Student and New Evaluator Topic Interest Group
OTHER NATIONAL SERVICE	
AUGUST 2015 – PRESENT	Conference Proposal Reviewer
EDITORIAL BOARDS FALL 2020 – PRESENT	American Journal of Evaluation
FALL 2017 – FALL 2023	Canadian Journal of Evaluation
NATIONAL SCIENCE FOUNDATION FALL 2018 – PRESENT	External Advisory Board Member NSF EAGER Graduate Diversity Internship (GEDI)
SUMMER 2018 – PRESENT	External Advisory Board Member NC Alliance for Graduate Education and the Professoriate (AGEP)
JUNE 2015 – PRESENT	Grant Proposal Reviewer (Ad Hoc)
JOURNAL ARTICLE REVIEWER MARCH 2018 – PRESENT	Journal Article Reviewer Journal of Engineering Education
AUGUST 2017 – PRESENT	Journal Article Reviewer Evaluation and Program Planning
SEPTEMBER 2016 – PRESENT	Journal Article Reviewer Research in the Schools
AUGUST 2016 – PRESENT	Journal Article Reviewer American Journal of Evaluation
MAY 2016 – PRESENT	Journal Article Reviewer Canadian Journal of Evaluation



PROFESSIONAL AFFILIATIONS

American Educational Research Association (AERA)

American Evaluation Association (AEA)

Arizona Evaluation Network (AZENet)

Association of American Colleges & Universities (AAC&U)

Center for Culturally Responsive Assessment and Evaluation (CREA)

Delta Sigma Theta Sorority, Inc. (Public Service Sorority)

- *Initiated April 2003 at Arizona State University, Iota Kappa*

- *Currently financial and active in the Phoenix Metropolitan Alumni Chapter*

International Society of Evaluation Educators (ISEE)

Psi Chi (Psychology Honor Society)