

# MARQUIS MASON, PhD

## Curriculum Vitae

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Education Consulting | Coaching | Strategy | Scholarship

### PROFESSIONAL PROFILE

Scholar-practitioner, education consultant, and research education analyst with more than 15 years of experience advancing educational equity, STEM education, instructional coaching, professional learning, and data-informed school improvement across K-12, higher education, federal initiatives, and national partnerships. Work centers on building sustainable systems for educator effectiveness, culturally responsive practice, blended learning, strategic planning, teacher recruitment and retention, and equity-focused implementation.

### AREAS OF EXPERTISE

- STEM education and curriculum and instruction
- Professional learning design and facilitation
- Project-based learning and blended learning implementation
- Focus group facilitation, needs assessment, and mixed-methods inquiry
- Instructional and leadership coaching
- Teacher recruitment, retention, and educator effectiveness
- Equity framework design and policy operationalization
- Dissertation editing, developmental feedback, and APA precision

### EDUCATION

- PhD, Curriculum and Instruction, University of North Carolina at Charlotte, Charlotte, NC, 2023
- Post-Master's Certificate, School Administration, University of North Carolina at Greensboro, Greensboro, NC, 2017
- MAT, Middle Grades Science, University of North Carolina at Charlotte, Charlotte, NC, 2013
- BS, Biology, Winthrop University, Rock Hill, SC, 2007

### LICENSES AND SPECIALIZED TRAINING

- North Carolina Principal License
- North Carolina Teaching License, Middle Grades Science
- Facilitative Leadership, RTI International
- Adult Learning and Cognitive Coaching, North Carolina New Teacher Support Program
- COLORS Facilitation, North Carolina New Teacher Support Program
- North Carolina Mentor, North Carolina Department of Public Instruction

### PROFESSIONAL APPOINTMENTS AND EXPERIENCE

#### **Research Education Analyst / Education Consultant**, *RTI International, Research Triangle Park, NC* | 2022-Present

- Leads strategic consulting, professional learning, and equity-focused research across federal, district, and state education partners.
- Provides technical assistance on blended learning, family and community engagement, multi-tiered systems of support, and equity implementation.
- Develops professional learning content, blended learning toolkits, content audits, and reporting tools for district and partner use.
- Conducts qualitative and quantitative analyses, focus groups, and needs assessments to inform recommendations for school improvement and access to STEM pathways.

#### **Instructional Coach**, *North Carolina New Teacher Support Program, Charlotte, NC* | 2016-2022

- Collaborated with districts to identify beginning teacher needs, plan professional learning, and coach teachers and leaders across instructional areas, including STEM education.
- Supported teachers through coaching cycles that included observation, feedback, co-planning, modeling, reflection, and data-informed instructional improvement.

#### **STEM Instructor**, *Central Piedmont Community College, Charlotte, NC* | 2016-2018

- Taught and developed STEM coursework designed to support equitable learning experiences for historically marginalized students.

#### **Instructional Coach**, *North Carolina New Schools Project, Raleigh, NC* | 2015-2016

- Partnered with North Carolina school districts to design and implement professional learning opportunities aligned to local needs.

**Classroom Teacher / Instructional Leader, Charlotte-Mecklenburg Schools, Charlotte, NC | 2011-2015**

- Led science instruction aligned with the North Carolina Standard Course of Study and Essential Standards.
- Facilitated STEM professional learning communities to strengthen instructional practice across science and STEM disciplines.

**SELECTED CONSULTING AND LEADERSHIP ENGAGEMENTS**

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**Large Southeastern School District: Strategic Plan Consultant, 2026-2031**

- Partnering with district leadership, educators, and community stakeholders to build a forward-looking strategic plan centered on student achievement and long-term sustainability.

**Federal STEM Education Consortium: Deputy Consortium Chair**

- Key staff for a federal cooperative agreement coordinating collaboration across national STEM organizations to expand the STEM workforce in military-connected communities.

**National STEM Scholarship Program: Project Lead**

- Led strategy to broaden diversity of applicants converted to candidates through website and application audits, workstyle assessment design, and focus group facilitation.

**Large Texas School District: PBL Lead and Instructional Coach**

- Designed PBL workshop series and walkthrough tools; coached and trained more than 60 teachers across four CTE academies and supported multi-year implementation.

**Large Urban School District: Equity Framework Consultant**

- Co-authored a district equity framework with the Office of Equity Affairs, facilitated more than 25 focus groups, and supported board-facing implementation work.

**TEACHING AND COURSES**

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**Courses Taught**

- Coaching for Equitable Teaching Practices, University of North Carolina
- Culturally Responsive Teaching, University of North Carolina
- Classroom Management, University of Missouri

**PUBLICATIONS AND SCHOLARSHIP**

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**Peer-Reviewed Journal Articles**

Mason, M., & Lewis, C. (2025). Honoring through countering: Black male teachers in the South teaching practices. *Journal of African American Males in Education (JAAME)*, 16(1), 71-102. <https://jaamejournal.scholasticahq.com/article/145140-honoring-through-countering-black-male-teachers-in-the-south-teaching-practices>

Mason, M., & Salas, S. (2024). Teachers, leadership, and Black boys' racialized funds of knowledge. *Journal of Curriculum and Pedagogy*. Advance online publication. <https://doi.org/10.1080/15505170.2024.2322714>

**Book Chapters**

Register, J., Oriowo, O., Shanley, N., & Mason, M. (2022). Prioritizing teacher wages on a national scale. In S. Thomas, S. J. Lee, & C. W. Lewis (Eds.), *Economic, political, and legal solutions to critical issues in urban education and implications for teacher preparation* (pp. 91-115). Information Age Publishing. <https://www.rti.org/publication/prioritizing-teacher-wages-national-scale>

**Book Reviews**

Mason, M. (2021). [Review of the book *White teachers / diverse classroom: Creating inclusive schools, building on students' diversity, and providing true educational equity*, by J. Landsman & C. W. Lewis]. *Journal of Negro Education*.

**Doctoral Dissertation**

Mason, M. (2023). *Honoring through countering: Racialized and gendered experiences of Black male teachers* [Doctoral dissertation, University of North Carolina at Charlotte]. Niner Commons. <https://ninercommons.charlotte.edu/record/2538>

**Public Scholarship and Practitioner Publications**

Mason, M. (2021, January 13). A guide to hybrid coaching during COVID-19. EdNC. <https://www.ednc.org/perspective-a-guide-to-hybrid-coaching-during-covid-19/>

Walker, K., Rosenbalm, B., Hill, A., Meacham, M., Hill, E., Kirschner, M., & Mason, M. (2020, May 4). Coaching during COVID-19 with NC New Teacher Support Program's innovative supports. EdNC. <https://www.ednc.org/perspective-coaching-during-covid-19-with-nc-new-teacher-support-programs-innovative-supports/>

Mason, M. (2018, June 27). Beginning teacher reflects on successful first year. EdNC. <https://www.ednc.org/beginning-teacher-reflects-on-successful-first-year/>

Mason, M. (2020). Black male teachers' impact on discipline of Black students. The Urban Education Collaborative Research Clearinghouse.

Mason, M. (2020). Zero tolerance policies in U.S. public schools: The declining number of Black teachers post Brown v. Board of Education. The Urban Education Collaborative Research Clearinghouse.

## PRESENTATIONS AND INVITED TALKS

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### Selected National and Professional Convenings

- Mason, M., & Mills, N. (2026, April 18). AI in action: Inspiring the next generation of STEM innovators [Invited talk].
- Mason, M., & McInerney, K. M. (2026, April 16). Collaborating for the future with DoD STEM resources for your community [Invited talk].
- Mason, M. (2025, September 27). Inspiring the future with DoD STEM [Invited talk].
- Mason, M., Best, M., O'Connor, B., McBride, A., Van Buren, C., & Ray, B. (2025, June 15). Advancing educator effectiveness with quality standards for micro-credentials: Insights from the Micro-Credentials Partnership of States [Moderator]. NASDTEC 96th Annual Conference, Charlotte, NC, United States.
- Mason, M., Rosenthal, J., & Thomas, K. (2025, June). The value of partnerships to build and sustain a robust research portfolio [Panel presentation]. NSPAA 29th Annual Technical Assistance Workshop, Charlotte, NC, United States.
- Stanley, R. M., & Mason, M. (2025, March 28). Bridging literacy and STEM learning [Invited talk].
- Stanley, R. M., White, W., & Mason, M. (2024, November 7). Inspiring the future with DoD STEM [Invited talk].
- Mack, I., White, W., Mason, M., & Freeman, M. C. (2024, April 25). Building the infrastructure for implementation: A collaborative approach to growing the school mental health workforce [Invited talk].
- Mason, M. (2023, October 28). Inspiring the future with DoD STEM [Invited talk].
- Mason, M., Gregory, E., & Davis, K. (2021). SIBME stories: A year of consistency, coherence, and collaboration from the North Carolina New Teacher Support Program [Conference presentation]. Better Together 2021 Summit, virtual.
- Mason, M., Edwards, B., & Hodge, E. (2021). Certainty during uncertain times: NC NTSP's ongoing commitment to supporting beginning teacher development during a pandemic [Conference presentation]. Carnegie Foundation Summit on Improvement in Education, virtual.

## CONFERENCE LEADERSHIP AND PROFESSIONAL ACTIVITIES

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- STEM Exchange 2025, Co-chair, September 22-23, 2025. Conference leadership
- 2024 STEM Learning Ecosystem Community of Practice Convening, Participant, October 29-31, 2024. Exhibiting or sponsorship activity
- 2024 AISES National Conference, Participant, October 3-5, 2024. Conference attendance or leadership activity
- National School Boards Association Conference 2024, Chair, April 6-8, 2024. Panel, seminar, webinar, or workshop leadership

## GRANTS, FELLOWSHIPS, AND AWARDS

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- City of Charlotte Neighborhood Matching Grant, 2023 recipient
- Faye Jacques Memorial Graduate Fellowship, 2021 recipient

## PROFESSIONAL PROFILE LINKS

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**Website:** <https://marquismason.com/>

**RTI expert profile:** <https://www.rti.org/expert/marquis-mason>