

# BISOLA NEIL, Ph.D.

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*From vision to the master schedule to classroom practice, I teach aspiring and current school leaders to do the work.*

## CURRENT POSITION

Assistant Teaching Professor

Montclair State University

Department of Educational Leadership

Montclair, NJ

2022–Present

## EDUCATION

The Graduate Center, City University of New York

Ph.D. Urban Education, STEM Education

Five-Year Enhanced Chancellor Fellow

New York, NY

2016

Bank Street College of Education

Master of Science, Educational Leadership in Mathematics Education

New York, NY

2010

The City College of New York, City University of New York

Master of Arts, Mathematics Education in Middle School Settings

New York, NY

2006

Baruch College, City University of New York

Bachelor of Science, Public Affairs and Management

New York, NY

2003

## PROFESSIONAL LICENSURE

School District Leader

New York State Professional Certificate

Mathematics 7-12, Public School Teacher Certificate

New York State Permanent Certification

## RESEARCH INTERESTS | EXPERTISE

Urban educational leadership and mathematics education; QuantCrit-informed analyses of school culture and climate, student belonging, instructional coherence, and teacher retention; practice-based scholarship on curriculum literacy and high-quality instructional materials (HQIM) to advance inclusive, student-centered classrooms.

## STATISTICAL SOFTWARE SKILLS

Blended Learning Platforms

Asana | Blackboard | Canvas | Google Classroom | Moodle

Qualitative Software

ATLAS.ti | Dedoose | HyperRESEARCH | NVivo

Quantitative Software

R | SPSS | STATA

## PUBLICATION

Davis, D.A., & **Neil, B.** (2025). Black anti-bodies and the trauma of obstetric racism. *WSQ: Women's Studies Quarterly*, 53(3–4). [peer-reviewed]

## JOURNAL REVIEWER

Bank Street College of Education Occasional Papers | Teachers College Record |

## CONFERENCE PRESENTATIONS

**Neil B.** & Lambert, M. (2025, February). Curriculum Literacy in Math: Centering Equity for Multilingual Learners. Presenter: 54th Annual International Conference National Association for Bilingual Education. Atlanta, GA, New York, NY.

**Neil B.** & Lambert, M. (2025, February). Developing Math Language Goals in High-Quality Tier I Instruction for Multilingual Learners. Presenter: 54th Annual International Conference National Association for Bilingual Education. Atlanta, GA, New York, NY.

Neil B. (2025, February). *Review of a Kindergarten child - My Daughter*. Descriptive Review Presenter: Fall Conference for the Institute on Descriptive Inquiry and the Progressive Education Network of New York, New York, New York, NY.

Neil B. (2024, November). *Review of a Kindergarten child - My Daughter*. Descriptive Review Presenter: Fall Conference for the Institute on Descriptive Inquiry and the Progressive Education Network of New York, New York, New York, NY.

Neil B. (2024, April). *The Unheard Voices: Womanist Narratives of Women of Color in Mathematics Leadership*. Poster Session: Research in Mathematics Education at Annual Meeting for the American Educational Research Association, Philadelphia, PA.

**Neil B.** & Hummel, R. (2020, February). *Embedding an Equity Stance into a Math Leadership Program: Lessons, Implications, and Lingering Questions*. Panel Discussion: Annual Meeting for the Association for Mathematics Teacher Educators, Phoenix, AZ.

Neil, B. (2020, February). *To Infinity and Beyond: Fractals, Art, History & You!* Invited Talk: African Heritage Emerging Students Leaders Institute, Milwaukee, WI.

Neil, B. (2020, February). *Authentically Engaging Black Students in STEM: Planning Rigorous Math Lessons for Social Justice*. Invited Talk: African Heritage Emerging Students Leaders Institute, Milwaukee, WI.

**Neil B.** & Hamilton, C. (2019, April). *Exploring African American Math Teachers' Impact on African-American Student Achievement Using a Mediation Approach*. Paper Presentation: SIG-Research Focus on Black Education at Annual Meeting for the American Educational Research Association, Toronto, CA.

Neil B. (2019, April). *Using Discourse Strategies to Promote Student Voice, Agency, and Mathematical Thinking*. Presentation: Annual Meeting for the National Council of Teachers of Mathematics, San Diego, CA.

Neil B. (2017, April). *Focusing on African American Mathematics Teachers to Develop a Critical Theory in Mathematics Education*. Poster Session: Research in Mathematics Education at

Annual Meeting for the American Educational Research Association, San Antonio, TX.

- Neil B.** & Hamilton, C. (2017, February). *Using the High School Longitudinal Study of 2009 (HSL:09) to Determine How Race Matching Impacts African American Students' Attitudes and Achievement in Mathematics*. Paper Presentation at 25<sup>th</sup> Joint National Conference National Association of African American Studies & Affiliates, Houston, TX.
- Neil B. (2017, April). *Focusing on African American Mathematics Teachers to Develop a Critical Theory in Mathematics Education*. Poster Session: Research in Mathematics Education at Annual Meeting for the American Educational Research Association, San Antonio, TX.
- Neil B. (2016, February). *The Need for Critical Racial Socio-Political Mathematics (CRS-PM)*. Presentation at the 25<sup>th</sup> Joint National Conference National Association of African American Studies & Affiliates, Baton Rouge, LA.
- Neil B. (2015, February). *National Investigation of Turnover Determinants for African American Teachers of Mathematics*. Presentation at the 23<sup>rd</sup> Joint National Conference National Association of African American Studies & Affiliates, Baton Rouge, LA.
- Neil B. (2015, March). *Formulating One's Teaching Philosophy & Learning How to Plan Syllabi and Lessons. Interactive Workshop*. Presentation at 1<sup>st</sup> Annual Purposeful Pedagogy Workshop, The Graduate Center, City University of New York, New York, NY.
- Neil B. (2014, March). *Formulating One's Teaching Philosophy & Learning How to Plan Syllabi and Lessons. Interactive Workshop*. Presentation at 2<sup>nd</sup> Annual Purposeful Pedagogy Workshop, The Graduate Center, City University of New York, New York, NY.
- Neil B. (2013, March). *Formulating One's Teaching Philosophy & Learning How to Plan Syllabi and Lessons. Interactive Workshop*. Interactive Workshop Presentation at 3<sup>rd</sup> Annual Purposeful Pedagogy Workshop, The Graduate Center, City University of New York, New York, NY.
- Neil B. (2010, November). *Breaking the Math and Social Studies Divide, Empowering Students Through the Use of Mathematics in Social Studies*. Poster Presentation at the 90<sup>th</sup> Annual National Conference for Social Studies, Denver, CO.

## PROFESSIONAL EXPERIENCE IN HIGHER EDUCATION

### EDUCATIONAL LEADERSHIP & TEACHER EDUCATION COURSES

#### **Assistant Teaching Professor**

Instructional Specialist

Montclair State University

Department of Educational Leadership

Asynchronous Courses

- ELAD 510: Effective Leadership in a Diverse Society: From Theory to Practice (3 credits)
- ELAD 611: Advanced Seminar on Educational Issues - Ethics (3 credits)
- ELAD 619: Using Research in School Improvement (3 credits)
- ELAD 680: Leading Curriculum Change for Student Achievement (3 credits)
- ELAD 690: School and Community Relations

Hybrid Courses with Newark Montclair Leadership Pipeline Program (NMLPP)

- ELAD 510: Effective Leadership in a Diverse Society: From Theory to Practice (3 credits)
- ELAD 670: Special Topics in Administration and Supervision

Awarded Grants

- Teaching Innovation Program 2023–2024
  - Theme: Learning Environments that Promote Belonging and Support Learning
  - Office of the Provost and Office for Faculty Excellence
- Career Development Grant 2023–2024
  - Financial support to acquire a Professional Certificate in Diversity, Equity, and Inclusion from NYU School of Professional Studies
  - Office of Sponsored Programs

Service to the University

- Undergraduate Syllabus Committee Member
- University Syllabus Committee Member
- Course Designer - ELAD 680 Leading Curriculum Change for Student Achievement (3 credits)

#### **Adjunct Lecturer**

Brooklyn College, City University of New York

Department of Secondary Education

Course

- SEED 1001: Critical Issues in US Education (3 credits)

#### **Course Instructor, Advisor, Field Supervisor**

Bank Street Graduate School of Education

York, NY

Department of Educational Leadership

Courses - Mathematics Education Program

- Advisement (12 credits)
- Processes for Professional Development and Supervision (3 credits)

Courses - Progressive Leaders Program

- Curriculum and Instruction for Leaders (3 credits)
- Processes for Professional Development and Supervision (3 credits)

Synchronous Courses - Progressive Leaders Online Program

- Advisement (12 credits)

2024–Present

2022–2024

Montclair, NJ

2023–2024

2023–2024

Fall 2025

Brooklyn, NY

2020–2022

New

- Leading Issues in Curriculum and Instruction for Leaders (3 credits)

Service to the University

- Council of Students Committee Member
- Faculty Advisory Committee Member
- Integrative Master's Project Advisor
- The Progressive Education Network of New York in Education (PENNY) Campus Liaison
- Union Treasurer
- Women of Color in Math Education Leadership Affinity Group, Creator and Faculty Advisor

**Adjunct Course Instructor, Advisor, Field Supervisor**

2017–2020

Bank Street Graduate School of Education

New York, NY

Department of Educational Leadership, Leadership in Mathematics Education Program

Courses

- Advisement (12 credits)
- Processes for Professional Development and Supervision (3 credits)
- Understanding Quantitative Data: Implications for Educational Leaders (3 credits)

**Adjunct Lecturer**

2017

Long Island University

Brooklyn, NY

Department of Teaching, Learning and Leadership

Course

- Lives of Adolescents through the Lens of Critical Youth Studies (3 credits)

**Adjunct Lecturer**

2013–2016

Brooklyn College, City University of New York

Brooklyn, NY

Department of Early Childhood/Art Education

Courses

- Research Methods in Early Childhood Education (3 credits)
- Mathematics for Teaching in Early Years (3 credits)

**Field Supervisor for Induction Year Teachers**

2014–2015

Hunter College, City University of New York

New York, NY

Math and Science Teacher Residency (MASTER) Program; Department of Special Education

**Adjunct Lecturer**

2011–2014

Queens College, City University of New York

Brooklyn, NY

Department of Elementary and Early Childhood Education

Courses

- Teaching Mathematics in Elementary School (3 credits)
- Geometry, Art & Mathematical Thinking (3 credits)

## CONTENT FOCUSED MATHEMATICS COURSES

### **Adjunct Course Instructor**

Bank Street Graduate School of Education  
York, NY

Department of Educational Leadership, Leadership in Mathematics Education Program  
Course

- Integrated Mathematics I (3 credits)

2017–2019

New

### **Adjunct Professor**

University of Delaware

Department of Mathematics

Course

- Mathematics for Teachers (4 credits)

2016–2017

Newark, DE

### **Adjunct Lecturer**

Medgar Evers College, City University of New York,

Department of Mathematics

Courses

- College Algebra and Trigonometry (4 credits)
- Developmental Mathematics (2 credits)

2014–2015

Brooklyn, NY

### **Adjunct Lecturer**

Berkeley College

Department of Mathematics

Course

- Developmental Mathematics (0 credits)

2014–2015

New York, NY

### **Adjunct Lecturer**

John Jay College, City University of New York

Department of Mathematics and Computer Science

Course

- Paced Modern Mathematics (4 credits)

2012–2013

New York, NY

## PROFESSIONAL EXPERIENCE IN K-12 EDUCATION

### **Founder, Principal**

B. Neil Solutions, LLC

Leads district/charter, nonprofit, and cultural-institution partnerships; conducts equity audits and program reviews; delivers implementation roadmaps and professional learning that improve instructional coherence, access, and belonging.

2013–Present

Nationwide

### **Educational Consultant, Math Instructional Coach**

Generation Ready

Designs and facilitates STEM professional-learning series and institutes; coaches leaders and teacher teams; partners with nonprofits and cultural institutions to contextualize HQIM and strengthen curriculum literacy.

2025–Present

NYC Metro Area

### **Educational Consultant, Math Instructional Coach**

STEM Strategies Group

Designs and facilitates math professional learning and coaching for grades 6–12; supports HQIM use, lesson internalization, and data-informed PLCs to advance equitable outcomes and student belonging.

2022–Present

NYC Metro Area

### **Multilingual Educational Consultant**

English Language Success Forum

Design and deliver professional learning for educators and leaders serving multilingual learners, and advise LEAs/SEAs nationwide on HQIM adoption and implementation so that curriculum and policy align with language development goals.

2023–Present

Nationwide

### **Mathematics Program Manager**

The Urban Assembly

Led the Algebra Success Program across a network of NYC schools, designing and facilitating professional learning in curriculum, pedagogy, and data use. Coordinated Instructional Rounds and coached school-based leadership teams to build PLC and feedback routines that strengthened coherence of mathematics instruction and assessment.

2017–2019

New York, NY

### **Associate Director, Mathematics**

University of Delaware

Built university and district partnerships aligned to state equity priorities. Designed and delivered training, coaching, and technical assistance for secondary math leaders and teachers, developing data-informed improvement plans that supported curriculum and assessment coherence and established tools for progress monitoring and action planning.

2016–2017

Newark, DE

### **Content and Bias Item Reviewer**

Smarter Balanced Mathematics Item Reviewer

Reviewed forthcoming national mathematics assessment items for content accuracy and cultural bias and recommended revisions to meet validity, reliability, and fairness standards. Cultural bias, ensuring the highest standards of fairness and accuracy in national educational evaluation.

2017

Chicago, IL

**Co-Founder** **2017**  
**Delaware Educators & Leaders of Color Council** Dover, DE  
Co-founded a statewide network that advances recruitment, retention, and professional learning for educators of color; organized convenings, partnerships, and mentoring to build capacity across districts.

**Assistant Principal of Mathematics** **2015–2016**  
Brooklyn Charter School Brooklyn, NY  
Led the K–5 mathematics program as an instructional and operations leader, setting vision, systems, and expectations for rigorous, culturally responsive teaching. Designed and facilitated professional learning, established observation and feedback routines, and coached teachers and teacher leaders while aligning curriculum and common assessments. Directed intervention schedules, testing logistics, and family engagement to sustain a coherent, grade-level program and build teacher capacity.

**Educational Consultant, Mathematics** **2014–2015**  
Teaching Matters, Inc. New York, NY  
Provided citywide mathematics instructional coaching in New York City public schools, designing model lessons, co-planning units, and running data meetings to strengthen curriculum alignment, assessment use, and teacher practice in federally funded Title I contexts.

**Mathematics Coordinator** **2014–2016**  
At Home in College: The Research Foundation, City University of New York New York, NY  
Led secondary mathematics and early-college pathway initiatives; designed and facilitated professional learning for teachers; coordinated partnerships and program logistics; and built tools for progress monitoring to improve student readiness for college-level work.

**Educational Consultant, Mathematics Instructional Coach** **2011–2014**  
Catapult Learning, LLC Brooklyn, NY  
Delivered mathematics coaching across public, private, and parochial schools, supporting lesson design, common assessments, and intervention planning; established observation–feedback routines and teacher learning cycles to improve equitable access to grade-level content.

**Education Coordinator, Mathematics** **2010–2011**  
Children Aid Society: The Carrera Program, Bronx Preparatory Charter School Bronx, NY  
Coordinated mathematics teaching and out-of-school learning; created individualized learning plans; aligned curriculum, tutoring, and enrichment; and partnered with families and staff to support students' academic growth and well-being in a culturally responsive environment.

**Classroom Teacher of Mathematics** **2003–2010**  
New York City Department of Education Grade 6  

- East New York Middle School of Excellence Grades 8, 9, 11
- School for Democracy and Leadership Grade 7
- Hermann Ridder Intermediate School 98

Mentored new teachers and served as data specialist, leading common assessment design and grade-team data meetings to improve instruction and family communication.

## HONORS

Baruch College, CUNY Distinguished Alumni Award	2024
Enhanced Chancellor Fellowship	2010–2015
The Graduate Center, City University of New York	
Writing Across the Curriculum Fellow	2014, 2015
New York City College of Technology, City University of New York	
Doctoral Student Research Travel Grant	2013, 2014
The Graduate Center, City University of New York	
Dean K. Harrison Scholarship Award	2012, 2013
The Graduate Center, City University of New York	
Educator Spotlight Award	2012
Catapult Learning, LLC	
Adele Spiegler Scholarship	2008–2010
Bank Street College of Education	
Fund for Teachers Research Grant	2007
New York City Department of Education	

## PROFESSIONAL MEMBERSHIPS

- American Educational Research Association | AERA
- Association of Mathematics Teacher Educators | AMTE
- Association of Teacher Educators | ATE
- Association for Supervision and Curriculum Development | ASCD
- National Association for African American Studies | NAAAS
- National Council of Supervisors of Mathematics | NCSM
- National Council of Teachers of Mathematics | NCTM
- North American Study Group on Ethnomathematics | NASGEm
- TODOS: Mathematics for All | TODOS