

BRIDGET LOONEY

Curriculum Vitae

May 1, 2025

Montclair State University
Department of Teaching and Learning
1 Normal Avenue
Montclair, New Jersey 07043
looneyb@montclair.edu

4 Spanish Wells Street
Toms River, New Jersey 08757
862-215-2726

EDUCATION

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| 2022 | Ph.D., Teacher Education and Teacher Development, Montclair State University, Montclair, NJ
Advisors: Drs. Michele J. Knobel (deceased, 2021) and Reva Jaffe-Walter
Dissertation: <i>"How Am I a Maker Making a Makerspace?" A Focus on Teachers in Practice Self-Authoring as Makers in Constrained K-8 Spaces</i> |
| 2014 | Ed.S., Educational Leadership, Management, and Policy, Seton Hall University, South Orange, NJ |
| 1997 | M.A. Early Childhood and Elementary Education, Teachers College, Columbia University, New York, NY |
| 1993 | B.A., Fine Arts, minor in Psychology, New York University, New York, NY |

UNIVERSITY EMPLOYMENT

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| 2021- | Induction Coach
Transformative Education Network
Center of Pedagogy
College of Education and Engaged Learning
Montclair State University, Montclair, NJ |
| 2023 | Adjunct Instructor (Jan.-May)
Education Department
Drew University, Madison, NJ |
| 2019- | Adjunct Instructor
Department of Teaching and Learning
College for Education and Engaged Learning
Montclair State University, Montclair, NJ |
| 2015-2019 | Doctoral Fellow
Teacher Education and Teacher Development
College for Education and Engaged Learning
Montclair State University, Montclair, NJ |

PEER-REVIEWED PUBLICATIONS

Submitted for Publication

Books

Looney B. *Maker pedagogy: A Paradigm for Teaching, Learning, and Leading in the Modern School.* (under contract with Emerald Publishing).

Journal articles

Looney, B. *The 3D Printer Is the Object to Think With.*

Conference Proceedings

Olson, E; Greenstein, S.; Bonneau, A.; **Looney, B.**; Frimpong, M. (under review). *Situated and enactive perspectives on the formative potential of agentic games in identity re/formation.*

Published

- 2024 Greenstein, S., **Looney, B.**, Kerr, I., Yu, K., Olson, E., & Pomponio, E. (2024). Teaching for Deep Creativity through Qualitative Geometry: The Case of Opal, Age 5. In Kosko, K. W., Caniglia, J., Courtney, S. A., Zolfaghari, M., & Morris, G. A. (Eds.). *Proceedings of the 46th Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education: Kent State University*, 461-466.

GRANTS AND SPONSORED RESEARCH ACTIVITY

- 2023 Research Team Member (Principal Investigators: Steven Greenstein and Iain Kerr) Summer Grant Proposal Development Award, Montclair State University Nurturing Creativity and Innovation through Qualitative Mathematics \$4,000

PEER-REVIEWED RESEARCH PRESENTATIONS

- 2025 Olson, E; Greenstein, S.; Bonneau, A.; **Looney, B.**; Frimpong, M. (to appear). Situated and enactive perspectives on the formative potential of agentic games in identity re/formation. Selected for presentation at the 47th Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education: State College, PA, October 26–29.
- 2024 Greenstein, S., **Looney, B.**, Kerr, I., Yu, K., Olson, E., & Pomponio, E. Teaching for Deep Creativity through Qualitative Geometry: The Case of Opal, Age 5. Selected for presentation at the 46th Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education: Cleveland, OH, November 7-10.

- 2023 **Looney B.** In Successful Makerspaces, Teachers Use Maker Practices to Foreground Equity and Inclusion. Selected for presentation at AERA, Chicago, IL, April 13-16.
- 2020 **Looney B.** From the Teachers' Perspective: Negotiating the Collaborative Nature of Maker Education in a K-12 Setting. Selected for presentation at AERA, San Francisco, CA, April 17-21 (Canceled).
- 2019 **Looney B.** How Three 4-8th Grade Teachers in New Jersey Suburban Schools Are Thinking About and Implementing Making With Students. Selected for presentation at Connected Learning Summit, October 2-5.
- 2019 **Looney B.** How Are Three Teachers in New Jersey Thinking About and Implementing Making With Students? Selected for presentation at Montclair State University Student Research Symposium, April 27.
- 2018 **Looney B.** Investigating the Integration of 3D Printing Technologies in K-12 Schools. Selected for presentation at AERA, New York, NY, April 13-17.

INVITED TALKS AND PRESENTATIONS

- 2024 **Co-Presenter:** Enhancing Teaching Practices Using AI Tools, Montclair State University, Montclair, NJ, [Presentation Link](#), March 22.
- 2024 **Co-Presenter:** Improving the Teaching and Learning of Elementary Mathematics Through Digital Fabrication, Fab Foundation, [Presentation Link](#), February 27.
- 2023 **Presenter:** Empowering Educators: AI for Teacher Education and Building Confidence in the Classroom, Montclair State University, Montclair, NJ, September 22.

RESEARCH, WORKING GROUP, AND RELATED EXPERIENCE

- 2024 Enactivism in Mathematics Education Research (EMERGe) Affinity Group (An international, multi-institutional research collaboration)
- 2023 Faculty Collaborator (Principal Investigators: Mel Zrada, TCNJ and Michael Jabot, SUNY-Fredonia) *A Data Visualization Experience for Preservice Teachers (ADVizE)*

UNIVERSITY TEACHING EXPERIENCE

Montclair State University

Early Childhood and Elementary Education 300: Scientific Inquiry in Elementary School 1
Secondary and Special Education 210: Public Purposes of Education
Early Childhood and Elementary Education 417/427: Explorations of STEM in Early Childhood and Elementary Classrooms (Teacher Education Program)

Secondary and Special Education 452: Advanced Seminar in Inclusive Pedagogies (Teacher Education Program)(Co-Instructor)

Secondary and Special Education 451: Seminar in Inclusive Pedagogies (Teacher Education Program)(Teaching Assistant)

Drew University

Education 220: Equity, Justice, and Education in the United States (developed and taught)

TEACHING AREAS

Teacher Education

Educational Foundations

Educational Leadership

Early Childhood and Elementary STEM

Early Childhood and Elementary Curriculum and Instruction

N-12 TEACHING AND LEADERSHIP EXPERIENCE

School Leadership

2013-2014	Administrator Intern for NJ Principal and Superintendent Certification (full-time) Westfield Public Schools Westfield, NJ
2008-2013	Curriculum Coordinator, Lower School (grades N-5) Ranney School Tinton Falls, NJ
1999-2008	Social Studies Coordinator, Primary School (grades PreK-3) Montclair Kimberley Academy Montclair, NJ
1999-2008	Social Studies Curriculum Team Leader, Primary School (<i>CTLs were responsible for PreK-12 vertical curriculum alignment</i>) Montclair Kimberley Academy Montclair, NJ
1999-2008	<i>MKA Writing Challenge</i> Coordinator, Primary School Montclair Kimberley Academy Montclair, NJ
2001-2003	Third Grade Team Leader Montclair Kimberley Academy Montclair, NJ

School Teaching

2020-2021	First Grade Teacher (Hybrid: in-person and online) Millburn Township Public Schools Millburn, NJ.
2016	Basic Skills Intervention Instructor (grades 1-5) – Long-term Substitute Westfield Public Schools Westfield, NJ.
2015	First Grade Teacher – Maternity Leave Replacement Westfield Public Schools Westfield, NJ.
1998-2008	Third Grade Teacher Montclair Kimberley Academy Montclair, NJ.
1997-1998	Instructional Aide-Autism Inclusion Greenwich Public Schools Greenwich, CT.
1995-1996	Student Teacher New York City Public Schools (Central Park East 1 School and P.S. 87) New York, NY.

Teaching Certifications

New Jersey Elementary School Teacher in Grades K-6 Standard (Permanent)

OTHER K-12 RELATED EXPERIENCE

2015	Curriculum Developer (Remote) Amplify Education Brooklyn, NY
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TEACHING AND LEADERSHIP IN INFORMAL SETTINGS

2024, Summer	Camp Director iD Tech Camps Montclair State University location Montclair, NJ
2023, Summer	Research Collaborator and Instructor Stretchy Minds Summer Workshops for Teachers and Students MIX Lab

Montclair State University, Montclair, NJ

1999-2004 Outdoor Educator
Montclair Kimberley Academy
Montclair, NJ

AWARDS AND HONORS

2015-2019 Montclair State University Doctoral Fellowship
2013 Ranney School, Tinton Falls, NJ, Distinguished Service Award
2003 Montclair Kimberley Academy, Montclair, NJ PAMKA Grant
(Parent association grant for professional development)
2002 Montclair Kimberley Academy, Montclair, NJ, Headmaster's Award for
Distinguished Service
2000 Montclair Kimberley Academy, Montclair, NJ, Unsung Hero Award

SERVICE

Reviewer, PME-NA (North American Chapter of the International Group for the Psychology of
Mathematics Education) (2024)
Alumni Council Committee Leader, Teachers College, Columbia University (2006-2011)

PROFESSIONAL DEVELOPMENT

PME-NA Annual Meeting (2024)
Interdisciplinary Research and Teaching: Presentation on interdisciplinary engagement among
faculty with Kate Temoney, Montclair State University, and Pauline Gagnon, University of West
Georgia (2024)
AERA-ICPSR PEERS Data Hub webinar: Webinar on Equity in K-12 STEM Education:
Framing Decisions for the Future—Research Considerations (2024)
Journal Article Writing Group, Sprague Library, Montclair State University (ongoing)
Montclair State University Induction Coach professional development (ongoing)
Montclair State University Office for Faculty Excellence professional development and writing
groups (ongoing)
EduFAB Summit (2024)
Stretchy Minds Summer Workshop (Montclair State University): Professional Development and
Research Project: Nurturing Creativity with Topology in Early Childhood and Elementary
Mathematics (2023)
ADVizE Faculty Training Institute and Research Project (TCNJ): Integrating Data Literacy and
Visualization Experiences into STEM Methods Courses (2023)
Teacher Preparation for Comprehensive Literacy Instruction, Teachers College, Columbia
University (2023)
AERA Annual Meetings (2016-2023)
Connected Learning Summit (2019 and 2022)
New Jersey Sustainability Summit (2022)
Workshop on the Stanford Education Data Archive (SEDA) (2021)

AERA-PEERS Data Hub Workshop: Workshop on Quantitative & Computational Methods (2021)
AERA-OECD Forum: Measuring Teaching at a Global Scale—Policy Perspectives on the Global
Teaching InSights Video Study (2020)
Stimulating Research and Innovation for Preservice Education of STEM Teachers in High-Need
Schools, Noyce Regional Dialogue, American Association for the Advancement of Science
(2017)

PROFESSIONAL AFFILIATIONS

The North American chapter of the International Group for the Psychology of Mathematics
Education (PME-NA)
American Educational Research Association
Connected Learning Alliance
National Council of Teachers of Mathematics
International Literacy Association