

## EDUCATION

### **Columbia University**

Ph.D. in Mathematics Education, February 2013

Dissertation Title: Proof and Reasoning in Secondary School Algebra Textbooks

Dissertation Advisor: Erica Walker

### **Teacher's College Columbia University**

Master of Arts in Mathematics Education, May 2006

### **New York University, College of Arts and Science**

Bachelor of Arts in Mathematics, May 2002

Graduated Cum Laude

## EXPERIENCE

### **EDUCATIONAL CONSULTANT (9/13 – Present)**

- Design custom professional development to meet the varied needs of schools, districts, administrators, teachers, and organizations
- Provide consultation to teachers, school leaders and administrators around an array of pedagogical issues and initiatives
- Provide individualized academic coaching for new and experienced teachers
- Map standards
- Design, analyze, and audit curriculum
- Conduct research

### **FICYCLE: FINANCIAL LIFECYCLE MATHEMATICS (5/18 – Present)**

Director of Education

- Develop innovative secondary mathematics curriculum focused on teaching financial literacy through the lens of mathematics
- Manage education program at Financial Life Cycle Mathematics
- Oversee professional development program
- Train teachers in financial literacy and provide professional development on teaching financial literacy as a secondary mathematics course
- Engage in research and assist in measuring impact of curriculum
- Present work and findings at various professional conferences and workshops

### **TEACHER'S COLLEGE**

Student Teaching Supervisor (9/18 – Present)

- Mentor student teachers preparing for certification in Mathematics Grade 7-12
- Conduct school visits and provide on-site support.
- Act as a bridge between academic course work and student teaching

Peace Corps Mentor (9/21 – Present)

- Mentor Jaffe Fellows, Returned Peace Corps Volunteers, as they become New York City public school teachers in high needs schools
- Conduct school visits and provide on-site support

### **FORDHAM UNIVERSITY**

Visiting Professor of Mathematics Education in Graduate School of Education (9/16 – 8/18)

- Served as the Program Director of the Adolescent Mathematics Education program
- Advised teacher candidates and doctoral candidates
- Developed SPA assessments accreditation of Mathematics Education Program
- Served as Principle Investigator for the NSF Robert Noyce Mathematics Grant

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- Wrote curriculum for and taught: CTGE 5402 Teaching and Learning Assessment & Planning, CTGE 5227 Teaching Children Mathematics, CTGE 5286 Teaching & Assessing Mathematics to Adolescents, CTGE 5287 Seminar in Adolescent Mathematics Education, CTGE 5176 Teaching Math and Science in Inclusive Adolescent Classrooms

**NEW YORK CITY DEPARTMENT OF EDUCATION – NEW DESIGN HIGH SCHOOL**

Mathematics Department Chair / Instructional Coach / Mathematics Teacher (9/03 – 6/16)

- Facilitated and planned department meetings and professional development
- Developed and implemented an innovative 4-year curriculum (Grades 9-12) to meet the needs of a diverse population with varied skill levels
- Conducted one-on-one coaching with all math department members
- Interviewed and hired prospective teachers and student teachers
- Mentored teachers and supervised student teachers
- Administered peer tutoring program
- Reviewed and selected math department materials
- Oversaw standardized mathematics assessments and scoring
- Created and implemented school-wide milestone assessments
- Served on Professional Development Committee and developed professional development program
- Lead teacher for math classes for students with special needs
- Supervised and advised students in Design for Life (advisory) program

**PUBLICATIONS**

Marley-Payne, J., & Dituri, P. & Davidson, A. (2020). Best Practices in Financial Education: Incorporating Mathematics. Consumer Interests Annual, 66.

Davidson, A., Dituri, P. & Marley-Payne, J. (2019). Combining Financial Education with Mathematics Coursework: Findings From a Pilot Study. Journal of Financial Counseling and Planning, 30(2), 313-322.

Marley-Payne, J., & Dituri, P. (2019). Spreadsheets as an Effective Use of Technology in Mathematics Education. Spreadsheets in Education, 10138.

Dituri, P. (2013). Proof and Reasoning in Secondary School Algebra Textbooks (Doctoral Dissertation). Retrieved from ProQuest. (UMI No. 3553994)

**PROFESSIONAL PRESENTATIONS**

Dituri, P. (2021) *Log In! Exploring Logarithms through Experimentation and Play*. NCTM 2021 Virtual Annual Meeting.

Davidson, A., Dituri, P., Marley-Payne, J. (2021) *Informed Investing: Using Math to Evaluate GameStop*. NCTM 2021 Virtual Annual Meeting.

Dituri, P. (2021) *The Financial Life-Cycle: Using Math to Teach Financial Understanding*. Making Math Moments Summit.

*Contact me for a comprehensive list of professional presentations.  
I have participated in over 30+ professional presentations over the course of my career.*

**RELATED ACTIVITIES**

- Serve as a reviewer for the Journal of Spreadsheets in Education (2018), PRIMUS (2018), School Science and Mathematics (2019) and Journal of Mathematics Education at Teacher's College (2018, 2019, 2020)
- Served on the National Board for Professional Teaching Standards Committee to evaluate and write the Early Adolescence through Young Adulthood Mathematics Standards (2008-2010)

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BROOKLYN, NY

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### **HONORS & RECOGNITION**

- Three-Time Math for America Master Teacher (2007-2011, 2011- 2015, 2016)
- Big Apple Awards Finalist (2014)
- Teachers College Columbia University Blackwell Scholarship Recipient (2006-2007)
- NYU President's Service Award (2002)
- NYU Honors Scholar (2002)
- IBM Thomas J. Watson Research Center Honors Scholar (1998)
- Pace University Math Contest 1<sup>st</sup> Place Winner (1998)

### **LANGUAGES**

Basic spoken competence in Italian, research fluent certified in German and Spanish