

CURRICULUM VITAE

BERNARD L. DILLARD, ED.D.

PROFESSOR OF MATHEMATICS

FASHION INSTITUTE OF TECHNOLOGY
SCHOOL OF LIBERAL ARTS AND SCIENCES
DEPARTMENT OF SCIENCE AND MATHEMATICS

227 WEST 27TH STREET
NEW YORK, NY 10001
bernard_dillard@fitnyc.edu

Research Experience and Interests

Dr. Dillard boasts experience with utilizing Confirmatory Program Evaluation (CPE) to methodically assess programs by analyzing the predictive effects of programmatic components onto established outcomes. His experience with CPE, which employs techniques grounded in path analysis and multiple regression analysis, has helped to ascertain which elements within certain STEM initiatives are salient predictors of stipulatory outcomes. His ongoing interests include increasing the level of competence among college students as related to financial literacy and making formidable statistical content more understandable to audiences outside of academe.

Work Experience

2025–present	Fashion Institute of Technology Professor (with tenure) Department of Science and Mathematics
2014–2025	Fashion Institute of Technology Associate Professor (with tenure) Department of Science and Mathematics
2010–2013	Fashion Institute of Technology Assistant Professor (with tenure) Department of Science and Mathematics
2007–2009	Fashion Institute of Technology Instructor Department of Science and Mathematics
2006	Fashion Institute of Technology Adjunct Instructor Department of Science and Mathematics
2005	The RAND Corporation, <i>Arlington, VA</i> Graduate Student Summer Associate National Security Research Division
2001	AT&T Shannon Laboratories, <i>Florham Park, NJ</i> Graduate Research Summer Intern Algorithms and Optimization Department

1997–2000	Morehouse College Program Coordinator, STEM Precollege Pipeline Program Department of Physics <i>Liaised with selected students and teachers in the Atlanta Public Schools and Department of Defense-sponsored program, hosted by Morehouse College.</i>
1995–1997	Renfroe Middle School, Decatur, Georgia Teacher <i>Taught sixth-grade reading and mathematics. Engaged in team-taught instructional models, stressing reading across the curriculum and integration of special-needs students with general student population.</i>

Education

Temple University, Philadelphia, PA
Ed.D. in Educational Leadership (Advisor: W. Joel Schneider)

University of Maryland, College Park, MD
M.S. in Applied Mathematics

Emory University, Atlanta, GA
M.A.T. in Educational Studies

Morehouse College, Atlanta, GA
B.A. in English Language and Literature, Magna Cum Laude

Patent

Dillard, B.L. Motion-Activated Light with Extendible Lighting Members. Patent granted: January 7, 2025. Patent number: US 12,188,643 B1.

Publications

Books

Dillard, B.L. (2024). *Moneymatics: Where Money and Mathematics Meet* (2nd ed.). Kendall Hunt Publishing Company. (First edition published in 2018).

Dillard, B.L. (2019). *Two 'Til Midnight: A Novel*. BerNerd Publishing.

Gibson, H.R. & **Dillard, B.L.** (2016). *Elementary Statistics* (4th ed.). Kendall Hunt Publishing Company. (Co-author for editions 3 and later. Third edition published in 2012).

Dillard, B.L. (2012). *Lemonade: Inspired by Actual Events*. BerNerd Publishing.

Journals, Reviews, and Proceedings

Dillard, B.L. “On Revisiting the Name of the Chi-squared Test for Homogeneity of Proportions,” *International Journal of Scientific Research Publications*, Volume 15, Issue 9 (September 2025), pp. 1–3.

- Dillard, B.L.** "STEM Support for Students with Disabilities," *European Modern Studies Journal*, Volume 8, Number 2 (May 2024), pp. 338–342.
- Dillard, B.L.** "Financial Literacy: The Child Left Behind," *International Journal of Multidisciplinary Research and Growth Evaluation*, Volume 3, Issue 3 (May-June 2022), pp. 264–267.
- Dillard, B.L.** "Navigating Virtual Turbulence During the Pandemic," *International Journal of Scientific and Research Publications*, Volume 11, Issue 10 (October 2021), pp. 152-160.
- Dillard, B.L.** "Skewed to the Write: Bolstering Student Comprehension in Introductory Statistics Courses," *Journal of Modern Education Review*, Volume 7, Number 7 (July 2017), pp. 445–454.
- Dillard, B.L.** "Do the Write Thing," In *Proceedings of the Joint Statistical Meetings, Chicago, IL*, (2016), pp. 222–233.
- Dillard, B.L.** Review of *The Improbability Principle: Why Coincidences, Miracles, and Rare Events Happen Every Day*, by David Hand. *The American Statistician*, Volume 69, Number 2 (May 2015), pp. 151–152.
- Dillard, B.L.** "The Glass is Still Half Full: On Maintaining Positive Perspectives," *Schepp Connections*, Volume 1, Number 16, (2014), pp. 23–28.
- Dillard, B.L.** "Hey, Who Turned Out the Lights?," *CHANCE MAGAZINE*, Volume 23, Number 2 (2010), pp. 28–37.
- Dillard, B.L.** and Galit Shmueli. "Wavelet-Based Monitoring for Disease Outbreaks and Bioterrorism: Methods and Challenges," *Interstat*, Volume 3, (2010), Web.
- Applegate, D., Buriol, L., **Dillard, B.L.**, Johnson, D., and Shor, P. "The Cutting Stock Approach to Bin Packing: Theory and Experiments," In *Proceedings from ALENEX: The Fifth Workshop on Algorithm Engineering and Experiments*, Baltimore, MD, Ladner, R.E. (Ed.). (2003), pp. 1–15.

Conference Presentations & Related Talks

Research Presentations

- Dillard, B.L. "Skewed to the Write: Bolstering Student Comprehension in Introductory Statistics Courses," invited to present at the International Journal of Arts of Sciences Conference, Montreal, Canada, June 7, 2019.
- Dillard, B.L. "Making Mathematics Relevant: Integrating Personal Finance into the College Classroom," invited to present at the International Journal of Arts of Sciences Conference, Paris, France, June 18, 2018.
- Dillard, B.L. "Moneymatics: Bridging the Gap Between My Money and My Mathematics," invited to present at the 56th Annual Financial Literacy and Economic Conference, Brooklyn, NY, October 6, 2017.

Dillard, B.L. “Do the Write Thing,” invited to present at the National Council of Teachers of Mathematics Regional Conference and Exposition, Philadelphia, PA, November 2, 2016.

Dillard, B.L. “Do the Write Thing: Bolstering Student Comprehension in Introductory Statistics Courses,” invited to present at the Joint Statistical Meetings, Section on Statistical Education, Chicago, IL, August 1, 2016.

Dillard, B.L., “The Write Thing to Do: Strengthening Student Comprehension in Undergraduate Statistics Classes,” invited to present at the 49th Annual New York State Mathematics Association of Two-Year Colleges Conference, Kingston, NY, April 8, 2016.

Dillard, B.L. “Wavelet-based Monitoring Methods for the Rapid Detection of Bioterrorist Attacks,” invited to present at the Joint Statistical Meetings, Section on Statistics in Defense and National Security, Minneapolis, MN, August 11, 2005.

Dillard, B.L. “Detecting Bioterrorist Attacks by Monitoring Non-Traditional Data Streams Using Wavelets,” invited to present at the 10th U.S. Army Conference on Applied Statistics, Atlanta, GA, October 22, 2004.

Facilitations and Other Presentations

Dillard, B.L. “Family Lessons About Money: Real Stories Live,” GreenPath Financial Wellness, A Podcast-Style Webinar with Q & A, 2021.

Dillard, B.L. “A Discussion about *Two 'Til Midnight: A Novel*,” Zoom into Books, A Virtual Presentation with Q & A, 2021.

Dillard, B.L. “It’s Financially Lit: Breaking the Chains of Financial Literacy,” Getting Out and Staying Out (GOSO) Program, Program for 16-to-24-Year-Old Former Inmates at Rikers Island, New York, NY, 2020.

Dillard, B.L. Chair, “Unit Roots, Change Points, Goodness of Fit, Other Time Series Modeling Issues,” Joint Statistical Meetings, Chicago, IL, 2016.

Dillard, B.L. Presider, “Randomization-Based Inference: The New Statistics!,” New York State Mathematics Association of Two-Year Colleges 49th Annual Conference, Kingston, NY, 2016.

Teaching Experience

Fashion Institute of Technology (Past 15 years)

MA 300 Online, The Mathematics of Financial Life Management	Fall 2025 Summer 2025 Spring 2025 Fall 2024 Summer 2024	Spring 2024 Fall 2023 Spring 2023 Fall 2022 Spring 2022
MA 300, The Mathematics of Financial Life Management	Spring 2025 Fall 2023	Fall 2020 Spring 2020

	Spring 2023 Fall 2022 Spring 2022 Fall 2021 Spring 2021	Fall 2019 Spring 2019 Fall 2018 Spring 2018 Fall 2017
MA 321 Online, Data Analysis for Business Applications	Fall 2024	
MA 321, Data Analysis for Business Applications	Fall 2025 Spring 2025 Fall 2024 Fall 2020 Fall 2017 Fall 2014 Spring 2014	Fall 2011
MA 222, Statistical Analysis	Fall 2022 Spring 2022 Fall 2021 Fall 2019 Spring 2017 Spring 2016 Fall 2015	Fall 2014 Spring 2013 Spring 2012
MA 392, The Mathematics of Personal Finance (Honors)	Spring 2019 Fall 2016 Spring 2013	
MA 311, Mathematical Modeling for Business Applications	Fall 2016 Fall 2013 Fall 2012	
MA 161, Mathematical Ideas	Spring 2021 Spring 2020 Spring 2016 Fall 2013 Fall 2012 Fall 2011	
MA 003, Algebra Review	Spring 2017 Fall 2015 Spring 2012	
MA 080, Fundamentals of Math (renamed Fall 2021 from Basic Math)	Fall 2021 Spring 2021 Fall 2020 Spring 2020 Fall 2019	
MA 002, Developmental Math II	Spring 2018 Fall 2017 Spring 2017 Spring 2016 Fall 2014 Spring 2014	
MA 001, Developmental Math I	Fall 2017 Fall 2016 Fall 2014	

MA 005, Developmental Math for Fashion Merchandising Management	Spring 2014
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FIT Contributions

College Talks and Panels

Dillard, B.L. "Sabbatical Speaker Luncheon," Presented to Faculty and Administration, November 14, 2024.

Dillard, B.L. "Experts Talk: The Age of AI in Writing and Speaking Pedagogy," Presented to Faculty as Part of the Writing and Speaking Studio Series, September 28, 2023 and October 26, 2023.

Dillard, B.L. "Civility and Conflict in *Two 'Til Midnight: A Novel*," Presented in Conjunction with Civility Week Activities, October 23, 2019.

Dillard, B.L. "So, You Wanna Publish a Textbook, Eh?" Presented at a Faculty-to-Faculty (F2F) Professional Development Event, November 2, 2017.

Dillard, B.L. "The Faculty of the Future Showcase Series: Professional Activities," Panelist, February 24, 2017.

Dillard, B.L. "A Look at the Role of the Syllabus: Your Class, Your Government," Presented at It's Your First Day of Class, an F2F Professional Development Event, January 26, 2016.

Dillard, B.L. "A Way to Choose a Stock: The Math Behind the Scenes," Presented at Academic Open Mic, The National Opera Center, October 13, 2015.

Dillard, B.L. "The Re-emergence of Self-Publishing: The Dawn of a New Day," Presented to Faculty, Staff, and Students, November 13, 2014.

Dillard, B.L. "Academic Integrity, Intellectual Property, and Plagiarism," Table Host for Student/Faculty Roundtable Luncheon, November 4, 2014.

Dillard, B.L. "Time Management," Table Host for Student/Faculty Roundtable Luncheon, April 3, 2014.

Dillard, B.L. "Personal Goal-Setting and Confidence-Building," Panelist for Black Retail Action Group, February 27, 2014.

Dillard, B.L. "Making Your Syllabus Work for You," Presented at It's Your First Day of Class, an F2F Faculty Professional Development Event, August 23, 2013.

Dillard, B.L. "Interested in Being Published?," Presented with Praveen Chaudhry, Jennifer Miller, and Bill Mooney, March 22, 2012.

Dillard, B.L. "Advisement, Grading, and Homework," Table Host for Student/Faculty Roundtable Luncheon, November 16, 2010.

Workshop Organization and Facilitation

Dillard, B.L. "Excelling with Excel: A Workshop on Grading." Creator and Facilitator of Workshop Series for Full- and Part-time FIT Faculty, 2014-2018.

Grant Activity

Author, Diversity Grant (Collaborators: Taur Orange, EOP and Yasemin Celik Levine, Presidential Scholars Program), "An Evening with the Central Park Five: Looking Back to Look Forward," 2016-2017. Awarded \$5000.

College Committee Work and Related Activity

Member, Faculty Senate (FS) Sabbaticals and Release Time for Research Committee, 2023-2025 and 2021-2022
Member, FS Nominations and Elections Committee, 2018-2019
Member, Executive Committee, 2015-2018
Secretary, Faculty Senate, 2015-2018
Member, Scholarship and Creative Activities Committee, SUNY Chancellor's Award for Excellence in Teaching, 2017
Member, FS Continuing and Professional Studies Committee, 2014-2016
Member, Search Committee, Dean of Liberal Arts, 2016
Member, Faculty Excellence Awards Committee, 2013-2016
Member, Diversity Council, 2013-2015
Member, FS Committee to Evaluate Administrative Personnel, 2012-2013
Member, FS Counseling Committee, 2011-2012
Member, FS Admissions and Registration Committee, 2010-2011
Contributor, Writing Studio Administrative Review, 2011

School of Liberal Arts and Department

Course Coordinator, Statistical Analysis (MA 222), 2025-present
Course Coordinator, The Mathematics of Financial Life Management (MA 300), 2017-present
Course Coordinator, MA 311: Mathematical Modeling for Business Applications, 2014-present
Course Coordinator, MA 321: Data Analysis for Business Applications, 2014-present
Member, Departmental Tenure and Promotions Committee, 2021-2022
Chair, Mathematics Full-Time Search Committee, 2018-2019
Computer Science Full-Time Search Committee, 2017-2018
Author, Science and Math Department Orientation Handbook, 2016
Chair, Mathematics Full-Time Search Committee, 2013-2014
Lead, Departmental Peer-to-Peer Observation Form Revamp, 2013

Curricular Development

Author, MA 300 Online, The Mathematics of Financial Life Management, 2022
Author, MA 300, The Mathematics of Financial Life Management, 2017
Author, MA 499, Independent Study in Mathematics, 2016
Co-author, SS 444, Presidential Scholars Senior Seminar, 2015
Author, MA 392, The Mathematics of Personal Finance (Honors), 2011

Co-author, MA 321, Data Analysis for Business Applications, 2011

Awards

FIT Sabbatical Leave, Spring 2024

SUNY Chancellor's Award for Excellence in Teaching, 2022–2023

Winner of the Next Generation Indie Book Award in the African-American category,

Two 'Til Midnight: A Novel by B.L. Dillard, 2020

FIT Faculty Excellence Award, 2018–2019

FIT Release Time for Research Grant, 2018

FIT Sabbatical Leave, Spring 2015

Winner of the Global Ebook Award in the Autobiography/Memoirs Non-Fiction

Category, *Lemonade: Inspired by Actual Events* by B.L. Dillard, 2013

Community Service

Member, Board of Trustees, Life Enrichment Ministries, Atlanta, GA, 2000–present.

Guest Speaker in Select Elementary School Classes, “All You Have To Do is Dream Big!,”

Birds and Bots: Promoting Learning and Interest in Mathematics for Black and Latinx

Children Through Culturally Relevant Daily Robot Coding Activities. In Partnership with

Teachers College, Columbia University, 2025.

Organizer, *The Mentoring Legacy Experience*, An Initiative Pairing Former and Current Track and

Field Athletes at Morehouse College, 2019, 2021–2023.

Workshop Creator and Presenter, *It's Financially Lit!*, Getting Out and Staying Out (GOSO)

Program, A Reentry Program for 16-to-24-Year-Old Former Inmates at Rikers Island, 2020.

Volunteer Math Tutor, GOSO Program, 2017–2018.

Mentor, Gates Millennium Scholars Program, 2015.

Editorial Activities

Referee

Journal of Education and Learning, 2018–present

Thought & Action, 2016–2018

In the News, Interviews, & Related Media

In the News

Featured Author, Kendall Hunt Publishing Newsletter, 2018

Finalist, *A World Without Teachers* Filmmaking Competition, Sponsored by Project Ed, 2015

“Summer Associate Alumni Spotlight: Bernard Dillard,” RAND Alumni Association

Newsletter, Issue 64, 2015

Featured Author, *Lemonade: Inspired by Actual Events*, Check It Out Section in *NYSUT*

United, February 2014

Featured Author, *Lemonade: Inspired by Actual Events*, Alumni Ink Section in *EMORY*

Magazine, 2013

Interviews and Related Media

Special Guest, A Chat with the Author, Skype Meeting with Makeda Book Club, Reactions to
Lemonade: Inspired by Actual Events, 2013

Special Guest, AJS Ministries, Blog Talk Radio Show, Discussions in *Lemonade: Inspired by
Actual Events*, 2013

Special Guest, Creative Colorful People, Radio Podcast Themes in *Lemonade: Inspired by
Actual Events*, 2013