

Professor Lyrical, Ed. D.

Office: Northeastern University, 360 Huntington Ave, Boston, MA 02115
Mail Stop: BV (20)
(617) 435-2605 p.plourde@northeastern.edu
Home: 140 Jaques Street, Unit C, Somerville, MA 02145
(617) 331-5790 Lyrical@ProfessorLyrical.com

SUMMARY: Scholar practitioner with over fifteen years of classroom teaching experience. Full time Assistant Teaching Professor at Northeastern University, employed for over six years teaching mathematics within an innovative model first year program, also the sole graduate mathematics methods instructor in the education department. Curriculum delivery informed by reality based pedagogy and theories, including Critical Race Theory, Hip Hop pedagogy and Inquiry Based Learning. A strong proponent of developing equity based classrooms and spaces with a focus on enhancing community engagement via social justice and responsiveness, and building shared common cultures. Dedicated to increasing STEM degree attainment with particular emphasis on underrepresented populations.

EDUCATION:

Ed. D. Higher Education, (April, 2016) Northeastern University, Boston, MA 02115

Specialization: Higher Education Administration

Dissertation Title: Increasing STEM degree attainment for underrepresented populations

Dissertation Committee Chair: Dr. Kimberly Nolan

M. S. Mathematics, (September, 2009) University of Massachusetts-Lowell, Lowell, MA 01852

Concentrations: Teaching

B. S. Business Administration, (May, 1993) University of Massachusetts-Lowell, Lowell, MA 01852

Concentrations: Marketing, Economics

RESEARCH INTERESTS:

- Increasing URM STEM degree attainment
- Teacher education (mathematics)
- Critical Race Theory/Critical Pedagogy
- Social Justice Activism and Education
- Building cultural capital in STEM/higher education for URM learners
- URMs in STEM/higher education
- Hip Hop pedagogy
- Applied mathematics and cryptology

LANGUAGES:

- Fluent in English. Conversational fluency in Spanish.

PROFESSIONAL EXPERIENCE:

Northeastern University (2010—present) Assistant Teaching Professor

ECN 1002, Principles of Microeconomics, 2 courses

ECN 2001, Statistics, 6 courses

EDU 4526, Teaching Mathematics (methods course), 1 course
 EDU 6129, Teaching Math (methods graduate course), 2 courses
 MTH 0102, College Mathematics 1, 2 courses
 MTH 0105, Introduction to Calculus, 1 course
 MTH 0108, Foundations of Mathematics, 14 courses
 MTH 0120, Prealgebra, 6 courses
 MTH 0130, Prealgebra, 1 course
 MTH 1001, College Algebra 1, 3 courses
 MTH 1100, College Algebra, 1 course
 MTH 2002, College Algebra 2, 7 courses
 MTH 2101, Precalculus, 5 courses
 MTH 3005, Calculus 1, 8 courses

Role and Responsibilities: Since the 2010-2011 academic year, have taught approximately sixty courses at Northeastern University, including two graduate education courses, eight economics based courses, and over fifty mathematics courses. Most of these courses have been taught for undergraduates enrolled in an innovative first year cohort model known as Foundation Year (FY). This model freshman cohort program provides wrap-around supports for students from Boston who are primarily graduates of Boston Public Schools, most of whom would not have been accepted into the university had they applied for acceptance into the mainstream undergraduate day school. Faculty in this model additionally provide guidance and life coaching for students typically possessing marginal levels of cultural capital required for successfully navigating academe. After completing this first year of college, students leave with enough college credits to be enrolled as sophomores and often transfer to other institutions (including several high achieving students continuing at Northeastern University on full scholarships for the rest of their undergraduate careers) Attend weekly student based (and administrative) faculty meetings, as well as help coordinate monthly community meetings and activities with our entire FY cohort student body on a regular basis. Responsible for hiring and supervising a multitude of tutors and teaching assistants. Each semester develop curriculum in partnership with colleagues, as well as course offerings, sequences, and scheduling. Speak internally/externally for a wide range of recruitment initiatives. Perform ongoing duties in an admissions/recruiting capacity: helping devise qualifications, acceptance protocols, and scoring formula towards admission decisions, as well as interviewing and pre-screening of potential candidates.

Lesley University, (2017) Adjunct Professor, Cambridge MA

Statistics, 3 credits (Spring 16)

Wentworth Institute of Technology, (2016) Adjunct Professor, Boston, MA

Discrete Mathematics, 3 credits (fall 16)

Bay State College, (2007—2016) Adjunct Professor, Boston, MA

Convention Planning & Promotion, 3 credits (spring 07)

Sports Entertainment, 9 credits/2 sections (fall 08, 09, summer 10)

Entertainment Management Internship Seminar, 7 credits/3 sections (fall 08, 09, spring 09)

Algebra, 6 credits (spring 09, winter 11)

Statistics, 12 credits/4 sections (spring 09, fall 09, fall 14 [online], spring 15 [online])

Music Industry, 3 credits (spring 10)
 Venue Management, 3 credits (spring 10)
 American Music in the 20th Century [online], 3 credits (spring 11)
 Entertainment Management Student Advisor (08)

Summary: Was hired to teach entertainment management courses, and soon after my first semester was hired to also work as a first year student advisor (for entertainment management majors)—something extremely rare for an adjunct. But due to in-depth understanding of the course offerings, scheduling concerns, and the college flow chart of prerequisites and courses required by degree, was given this responsibility for advising one fourth of the students in the program. Planned external events/concerts/record release parties with students in entertainment management program, including an album release party and full concert (with an event management class) for a self-funded and produced album (The College Project – Through the Eyes of Pupils) featuring 25 students across four different institutions.

Fisher College, (2009—2010) Adjunct Professor, Boston, MA

Algebra, 12 credits/4 sections (fall 09, spring 10)

New England Institute of Art, (2007—2012) Adjunct Professor, Brookline, MA

Algebra, 63 credits/21 sections (fall 07, 08, 09, 10, 12, spring 08, 09, 10, 11)
 Basic Math, 12 credits/3 sections (fall 07, spring 08)

Lasell College, (2006—2009) Adjunct Professor, Newton, MA

Event Planning (advanced), 9 credits/3 sections (fall 06, 07, 08)
 Event Planning & Entertainment Production, 9 credits/3 sections (spring 07, 08, 09)
 Geometry, 3 credits (spring 08)
 Hip Hop Lyricism and Culture, 3 credits (fall 08)
 Musical Comedy, 3 credits (fall 08)
 Music Appreciation II, 3 credits (spring 09)

Summary: Was hired to teach advanced event planning courses, which culminated with planning annual 100 person hospitality advisory board committee dinner with the students from the class and hospitality contacts in the Boston region. This event is the culminating project of the year for the hospitality courses and is a hallmark of the department; features students pitching themselves to representatives in the industry for internships and future career positions at a seated dinner reception with guest speakers and entertainment. Was featured on the cover of the College Magazine (Polished) for a feature article on the blended career or professor and artist.

Boston Culinary Institute, Le Cordon Bleu, (2008—2009) Adjunct Professor, Cambridge, MA

Basic College Math, no credit course/3 sections (summer 08)
 College Math, 20 credits/8 sections (summer 08, 09)

Benjamin Franklin Institute of Technology, (2006—2007) Adjunct Professor, Boston, MA

Algebra II/Trigonometry, 3 credits (fall 06)

Basic Math, 6 credits/2 sections (fall 06)
Statistics, 3 credits (spring 07)

Middlesex Community College, (2000, 2006—2007) Adjunct Professor, Bedford/Lowell, MA

Algebra (intermediate), 6 credits/2 sections (fall 2000, 06)
Basic Math, 3 credits (fall 06)
Algebra I/II, 8 credits/2 sections (fall 07)

Lowell Alternative High School Program, (1999—2006), Math/Business Teacher, Lowell, MA

Summary: Wrote business plan, conducted research, interviewed/hired staff, and opened Lowell Alternative High School Program as a free standing satellite program of Lowell High school, while teaching mathematics and computers to 100 at risk students per year. Regularly made presentations to the school committee, principal, department heads and community leaders.

RESEARCH, PUBLICATIONS, PRESENTATIONS, PERFORMANCES

Papers:

Plourde, P. (2013, April). Increasing STEM Degree Attainment for Under-represented Minorities. Paper presented at the Third Biennial Interdisciplinary Conference: Access and Privilege in Higher Education on Race Monmouth University, West Long Beach, New Jersey.

Plourde, P. (2013, September). Globalization of Education as a Neocolonialism Tool, Paper presented at the Second Annual Critical Ethnic Studies Annual Conference at the University of Illinois Chicago, Chicago, Illinois.

Book (Paperback):

Lyrical, P. (2013). Put em all to shame (the curriculum). Somerville, MA: D.i.M.E. Publishing. ISBN 978-1-619-27433-4

Presentations Given (Incomplete list):

Plourde, P. M., MIT Comparative Media Studies/Rhetoric Class Visit, "The use of Rhetoric in STEM," MIT- Department of Rhetoric w/ Dr. Andreas Karitsolis, MIT -Cambridge, MA Kendall Square (Classroom guest lecturer on rhetorical arguments in STEM discourse), MIT Building 14, Room 303 & MIT Media Lab, Third Floor 160 Memorial Drive. (February 18, 2016)

Plourde, P. M., Landmark College Academic Speaker Series (inaugural lecture), "Rapping with the Professor: The process of self-betterment, and redefining your own identity," [Video file]. Landmark College -The 2015-16 Academic Speaker Series is sponsored in part by GPI Construction, Green Mountain Tent Rentals, and The Richards Group, Landmark College. (February 8, 2016)

Plourde, P. M. (Panelist), Doctoral Residency Summer 2015, "Completing the Doctoral Thesis Proposal," Northeastern, Department of Education (Kelly Conn, Doctoral Advisor), Northeastern Univ. [Westin Copley Hotel (Boston)]. (July 28, 2015)

Plourde, P. M. (Presenter), Critical Ethnic Studies Conference, "Raptivism," Critical Ethnic Studies, York University, Toronto. (May 2, 2015)

- Plourde, P. M., Northeastern University, "Defining your identity through speaking your personal truth," Toastmasters NU Talk, Boston, MA, SNELL. (April 16, 2015)
- Plourde, P. M., Salem State University Hip Hop Summit, Panelist and Performer, Salem State University, Veteran's Hall, located in the Ellison Campus Center. (March 27, 2015)
- Plourde, P. M., Northeastern University, Texpo Keynote Address -Curry 333, "PROFESSOR LYRICAL: "A CONVERSATION ON ENGAGEMENT," Northeastern University, Boston, MA. (March 17, 2015)
- Plourde, P. M., UPCEA Annual Regional Conference, Closing Session Featured Speaker, "Harnessing the Power of Hip Hop in Higher Ed," PiscataquaRiver, Portsmouth, NH. (October 31, 2014)
- Lyrical, P., TEDx Piscataqua, "The Transformative Power of Hip Hop Culture," [Video file]. Professor Lyrical Tedx Talk, Portsmouth, NH. (May 9, 2014)
- Plourde, P. M., Metropolitan State University of Denver, Sankofa Lecture Series Featured Presenter, "Teaching STEM Effectively to Traditionally Under-represented Students in Higher Education with Pedagogy informed by Hip Hop Culture," Denver, CO. (September 26, 2013)

Media Publications Featuring Peter M. Plourde/Professor Lyrical (Incomplete list):

- Berrett, D. (2011). This professor can 'spit a 16' and then find its square root. *Chronicle of Higher Education*, 58(11), A18-A18.
- Carter, S (Executive Producer). (2009, October 3). Dogs 101 (Feature on rapper professor "Lyrical" and his dog "Dollar the Pug"): [Television broadcast]. Silver Spring, Maryland: Animal Planet.
- Delagarza, B. (Producer). (2011, June 21). *Chronicle*. "People to Watch Professor Lyrical: He's Teacher by Day, Rapper by Night" [Television broadcast]. Boston, M: WCVB-TV-5 (Boston ABC affiliate)/Chronicle/Hearst Television Inc. Retrieved from <https://www.youtube.com/watch?v=8y5cvNzIYjE>
- Douglas, J. (2014, March). The New Math: Calculus with a Hip-Hop Beat, *UML Alumni Magazine*, winter 2014: 52. Print.
- Earle, A. (2011, May). Students honored at stay in school assembly. Retrieved from <http://cache.nba.com/celtics/community/news/052611-stay-school-assembly.html>
- Gallerani, K. (2014, June 16). Math prof raps his message home at Silver Lake. *Kingston Reporter*. Retrieved from <http://kingston.wickedlocal.com/article/20140616/News/140617423/?Start=2>
- Johnson, J. (2014). Professor Lyrical speaks at Tedx event. *Northeastern University College of Professional Studies Faculty Newsletter*, Vol. 6, page 1.
- McQuaid, P. (2013, July 12). Lowell native gives math and music a good rap. *The Lowell Sun*. Retrieved from http://www.lowellsun.com/news/ci_23647356/lowell-native-gives-math-and-music-good-rap
- Poletta, B. (2011, November 4). AMS Math Digest: Summaries of Media Coverage of Math. Retrieved from <http://www.ams.org/news/math-in-the-media/mathdigest-md-201111-toc#201112-plourde>

Shemin, K. (2012, May). Second Life: Rapper. *Northeastern Magazine*, Spring 2012:12.
 Print. Retrieved from
<http://www.mydigitalpublication.com/publication/?i=105409&p=14>

Performances, Public Speaking, Hosting (Incomplete list):

Salem State University, –Hip Hop Conference, Speaking/Performing 04/08/16
 UTEC (Lowell, MA) –Lyricism contest, discussion and performance, Performance/Talk 01/20/16
 UTEC (Lowell, MA) –Lyricism discussion and performance, Performance/Talk 12/16/15
 Tech Boston Academy, Dorchester, MA –Presentation/Talk w/students 10/01/14
 UMass-Lowell -University Crossing –Performance 9/27/14
 Central Connecticut State University –Performance 9/11/14
 Northeastern Univ. (Boston) –Boston Celtics "Stay in School" event, Keynote/Performance 5/22/14
 Boston College –Hip Hop, It's History, It's Effects, Featured Panelist/Performer 5/08/14
 Emerson College –[Victory Stride, 60 Years of Civil Rights Progress](#), Featured Performer/Speaker 2/26/14
 UMass-Boston –Class Presentation w/Dr. Pacey Foster (Creative Markets and Hip Hop), Speaker 2/20/14
 Boston College –Black History Month (Hip Hop & Black History), Panel/Speaker 2/19/14
 Bristol Community College –Gateway Program Guest Speaking Event, Speaker/Performance 10/11/13
[Northeastern Univ. \(Boston\) –Incoming Student Event](#), Emcee/Host/Speaker/Performance 9/03/13
[Northeastern Univ. \(Boston\) –Boston Parks & Recreation Summer Concert](#), Emcee/Performance 7/22/13
[Northeastern Univ. \(Boston\) –Boston Celtics "Stay in School" event](#), Keynote/Performance 5/23/13
[MIT Media Lab –Museum of Science/Intel Computer Clubhouse](#), Speaker/Performance 10/12/12
[Northeastern Univ. \(Boston\) –Boston Celtics "Stay in School" event](#), Keynote/Performance 5/23/12
 SNHU Southern NH University –NHHEAF Destination College Keynote, Speaker/Performance 3/24/12
 New England Institute of Art (Boston) –College wax cylinder recording w/John Krivit, workshop 3/23//12
 Northeastern Univ. (Boston) –Sickle Cell Event w/ Prodigy of Mobb Deep, Host/Performance 11//10/11
 MCI Norfolk State Prison –La Familia and Young Father's Event, Speaker/Performance 10//29/11
 Northeastern University (Boston) –LASO.CVS @ AfterHours w/Yunel Cruz, Performance 10/28/11
 Northeastern University (Boston) –Color in Freedom, Speaker/Performance 8/21/11
 Possible Project (Cambridge) –High School student entrepreneurialism talk, Speaker/Performance 8/14/11
 Community Charter School of Cambridge –Career Glimpse, Speaker/Performance 8/11/11
[Northeastern U. \(Boston\) –Boston Celtics "Stay in School" event](#), Keynote/Performance 5/26/11
[SNHU Southern NH University –NHHEAF Destination College](#) Keynote/Performance 3/26/11
 New England Institute of Art (Boston), Speak/Performance 12/02/10
 Northeastern University (Boston) –Class Presentation w/Prof. Emmett Price, Speak/Performance 12/01/10
 Showa Institute of Japan (Boston), Speak/Performance 10/24/10
 Showa Institute of Japan (Boston), Speak/Performance 5/04/10
 Bay State College –Haley House (Dorchester), Performance/Benefit 4/22/10
 SNHU Southern NH University –NHHEAF Destination College Readiness, Speak/Performance 3/28/09
 Curry College –Healthy Choices W/District Attorney Keating, Speak/Performance 3/12/09
 Northeastern University –Sports in Society, Speak/Performance 5/07/08
 Harvard Grad School of Ed. –Black Student Union Youth Day, Speak/Performance 4/21/08
 SNHU Southern NH University –NHHEAF "How College Made the Difference," Panel/Performance 3/22/08
 Berklee College –Songwriting Department Guest Lecturer, Speak/Performance 2/19/08
 Harvard Grad School of Ed. –Black Student Union Youth Day, Speak/Performance 4/21/07
 Bristol Comm College –NE Mathematical Association of Two Year Colleges, Performance 4/20/07
 Bentley College –"The Business & Culture of Hip Hop," Speak/Performance 4/06/07
 Bentley College –"The Business & Culture of Hip Hop; Historical Context," Lecture/Performance 4/05/07
 Eastern Nazarene College –Youth Violence Prevention, Keynote/Performance 4/03/07
 Plymouth State College –8th NHHEAF Destination College, Panel/Performance 3/17/07
 Harvard Graduate School of Ed. –Screening of "Beyond Beats & Rhymes," Panel/Workshop 2/26/07
 Emmanuel College –Screening of "Beyond Beats & Rhymes," Panel/Performance 2/01/07
 Democracy Center Harvard –Screening of "Beyond Beats & Rhymes," Panel/Performance 1/23/07
 New England Institute of Art –IBS Intercollegiate Broadcasting System (IBS), Panel/Performance 11/04/06

PROFESSIONAL MEMBERSHIPS/CERTIFICATIONS:

- American Mathematical Society (AMS) (2012-2013, 2016—present)

- Mass Teaching Licensure (2000—provisional) Certified Business Instructor (5-12)

GRANT:

First in the World Grant—Northeastern University, Boston, MA. CPS/Lowell Institute

- Was part of a team of CPS professionals applying for this \$6,000,000 Department of Ed. grant to provide STEM content delivery in a creative format for traditionally underserved populations.
- My research and expertise in this content area was utilized in brainstorming sessions, meetings, and the actual write up of the application.
- After being awarded the grant, was subsequently hired for the 2015-2016 academic year as a board advisor during the development phase of the Lowell Institute (phase III), which will accept 2-year degree holders into this STEM based bachelor degree granting institution.

SERVICE ACTIVITIES:

- Presented at poster session held for incoming doctoral students for select dissertations chosen directly by doctoral advisors at Northeastern University 9/2016.
- Became a member of The Faculty Academic Council's Academic Programs Committee fall semester 2016.
- Attending Charlestown High School for the third consecutive year (2012-2015 as the sole representative from Northeastern University) in a recruiting mission to help explain the benefits of attending Northeastern/CPS/Foundation Year. Many students applied and several have been accepted.
- Became a faculty advisor to the NEU student organization "Global Potential" 9/2012.
- Guest presenter for Toastmasters
- Speaking, at the request of Professor Joe McNabb in the Doctoral of Education program, to 100 new doctoral students to alleviate their fears about the program and to extol the value of being involved in the university.
- Hosting the annual "Boston Celtics STAY IN SCHOOL EVENT" for the fourth straight year in the Matthews Arena, in conjunction with Northeastern's Sport in Society to over 1000 Boston Public School (BPS) students about the value of education.
- Was a guest speaker/performer in Professor John Wolfe's Diversity class summer 2014. Dr. Wolfe invited me to speak to his class and perform a piece I wrote for a presentation at Emerson College's Victory Stride, 60 Years of Civil Rights Progress. The audio for this performance can be heard here: <https://soundcloud.com/professorlyrical/raptivism>. Also was a guest in February of 2016, speaking on the implications of the verification of gravitational waves.
- Coordinated bringing Felix Arroyo Jr. as a guest speaker for our fall 2013 Foundation Year Cohort. Obtained personal approval from James Chiavelli (Director of Solutions Planning & Legal Counsel) to have him speak close to his Mayoral campaign.
- Coordinated bringing Professor Dr. Emmett Price as a guest speaker for our Foundation Year Cohort IV in the summer of 2012.
- Helped construct our math portion of a College Readiness project with the Edward M. Kennedy Academy for Health Careers. Additionally, I participated in the classroom lessons and presentations at this Boston high school after completing our initial planning phase with math faculty and staff.

- Emceeding and hosting a freshman orientation event (fall 2013), “Boston-Strong, Northeastern Proud,” for several thousand in the Matthews Arena to welcome the university’s new freshman class. This involved working with Gail Olyha (Associate Dean/Director, Off Campus Student Services) and James Chiavelli (Director of Solutions Planning & Legal Counsel), John Tobin, and leaders of the Boston Police department. Shared message for bridging the gap between the community and campus.
- Was also the entertainment for the event, performing for audience of 3000+. Later in the day, performed for Xplosaic on the main Quad stage with book signing after show in partnership with Tim Miesel, General Manager of campus store.

Team Teaching/Co-taught Courses:

- Fall of 2012, assisted Professor John Wolfe in his Psychology course by attending all of his class meetings to establish a basis for lessons that could be team taught, and expanded upon throughout the coming terms.
- Winter 2013, volunteered to co-teach an algebra course with Professor E. Silvani Vejar to help provide one-on-one instruction with students having difficulty with mathematics.
- In the spring of 2013, followed up our winter 2013 section of algebra by co-teaching a Statistics section with Professor Vejar.

Math Sequencing/Program of Offerings Document/Statistical Analysis:

- Winter of 2012, established a philosophical math framework for our scope and sequencing of our mathematics courses offered in Foundation Year. As well as led the recruiting efforts for an additional mathematics faculty member to teach these offerings.
- Have been part of the ongoing interview team each year, literally analyzing data on thousands of applicants and personally interviewing many of each year’s incoming potential cohort.
- Devised formula and model for accepting students based on certain metrics and interview criteria used in incoming freshman interviews.