Curriculum Vitae of Michael J. Puls

Business Address:

Department of Mathematics
John Jay College, (CUNY)
524 West 59th Street
New York, NY 10019
212-484-1178 (Office)
mpuls@jjay.cuny.edu

Education:

BS (Computer Science)	Cleveland State University	August 1987
MA (Mathematics)	Miami University (OH)	May 1989
PhD (Mathematics)	Virginia Polytechnic Institute and State University	May 1995

Honors and Grants:

1987	Cum Laude
1994	Outstanding G.T.A. Mathematics Department
2003	Faculty Scholars award, Eastern Oregon University (EOU)
2004	Faculty Scholars award, EOU
2006	Faculty Scholars award, EOU
2008	PSC-CUNY Grant "The p-harmonic boundary of finitely generated groups"
2009	NSF "Scholarship program at John Jay for Computer Science, Mathematics and Forensic Science". Amount $600,000
2009	PSC-CUNY Grant "The p-harmonic boundary of finitely generated groups"
2010	PSC-CUNY Grant "The p-harmonic boundary of finitely generated groups"
2012	PSC-CUNY Grant "The Pompeiu problem and Discrete groups"
2013	PSC-CUNY Grant "Pompeiu problems and discrete groups"
2013	NSF "The John Jay Forensic Science and Computer Science Scholarship Program". Amount $632,000

Employment:

2014-present	Professor, John Jay College, CUNY
2011-2014	Associate Professor, John Jay College, CUNY
2007-2010	Assistant Professor, John Jay College, CUNY
2002-2007	Assistant Professor, Eastern Oregon University
1998-2002	Assistant Professor, New Jersey City University
1997-1998	Mathematics Instructor, VPI & SU
1996-1997	Term Assistant Professor, Cleveland State University
1995-1996	Mathematics Instructor, VPI & SU
1989-1995	Teaching Assistant, VPI & SU
1988-1989	Teaching Assistant, Miami University

Teaching Experiences:
Developed Mathematica, Matlab, Maple and Excel labs for various mathematics courses

Service: **John Jay**
Mathematics & Computer Science Department Personal and Budget Committee.
Search Committee member for math instructor positions, Spring 2013
Developmental Math Coordinator Search Committee member, Spring 2012
Deputy Chairperson Department of Math & CS, Fall 2011-Present
New Courses subcommittee, 2010-2012
UCASC, 2010-2012
Judge, NYC High School Math Fair 2009
Mathematics Department Curriculum Committee 2008-Present
Judge, NYC High School Math Fair 2008

Before John Jay
Departmental Assessment Coordinator 2005-2007
Academic Standards Committee 2005-2007
Honors Committee Spring 2005-2007
High School Math Contest, 2002-2007
Chair, Search Committee for Visiting Assistant Math Professor Spring 2006
Girls in Science Fall 2005
Chair, Search Committee for Math Resource Position Spring 2005
EOU mini-conference organizing committee Spring 2005
First Year Experience Committee Spring 2005
Reader for the writing proficiency exam Spring 2005, Winter 2006
Future Business Leaders of America organizing committee 2004-05
Assembly Athletic committee 2004-05
Academic Standards Committee hearings panel Fall 2004
Search committee for part time CS/MM positions Summer 2004
General Studies Course Review committee 2000-2002
Faculty Advisor-Mathematics Department College Bowl Team 2000
Chair, Mathematics Curriculum Committee 1999 -2002
Coordinator-Mathematics Tutoring Lab 1999
Chair, Mathematics Department Election Committee 1999
Math Department Search Committee 1999
NJCU Academic Foundations Committee 1998-2000
Coordinator-Mathematics Tutoring Lab 1997
Emerging Scholar Program 1997
Mathematics Instructor-Health Futures, Summer 1997
Advisor-Enrichment Program in Calculus 1996-1997

Member Graduate School Honor Court 1992-1995

Invited One Hour Talks:
Mathematics Department Colloquium, Cleveland State University, Winter 1997
Mathematics Department Colloquium, Virginia Tech, Spring 1997
Magnus Group Theory Seminar, City University of New York, Fall 1999
Mathematics Department Colloquium, Cleveland State University, Fall 2004
Mathematics Department Colloquium, Montclair University, Fall 2004
Mathematics Department Colloquium, Virginia Tech, Spring 2008
Analysis Seminar, Virginia Tech, Spring 2008
Research Experiences for Undergraduates Program (REU), SUNY-Potsdam, Summer 2008
Riemannian Geometry Seminar, City University of New York, Fall 2008
REU Program, SUNY-Potsdam, Summer 2009
Riemannian Geometry Seminar, City University of New York, Summer 2009
REU Program, SUNY-Potsdam, Summer 2010
Mathematics Department Colloquium, Syracuse University, Fall 2010
REU program, SUNY-Potsdam, Summer 2011
REU program, SUNY-Potsdam, Summer 2012
REU program, SUNY-Potsdam, Summer 2013
REU program, SUNY-Potsdam, Summer 2014
REU program, SUNY-Potsdam, Summer 2015
Fourier Analysis-Physics Seminar, City University of New York, Fall 2015
Nonlinear Analysis Seminar, City University of New York, Fall 2015
REU program, SUNY-Potsdam, Summer 2016

Contributed Talks:
Southeast Analysis Conference, Virginia Tech, Blacksburg, 1994
Mid Atlantic Algebra Conference, Virginia Tech, Blacksburg, 1995
Mathematical Association of America, New Jersey Section meeting, Trenton, 1999
Mathematical Association of America, Pacific Northwest Section Meeting, Ashland Oregon, 2006
Mathematical Association of America, Pacific Northwest Section Meeting, McMinnville Oregon, 2007
Mathematical Association of America, New Jersey Section Meeting, Wayne New Jersey, Spring 2008
American Mathematical Society, Eastern Section Meeting, Washington D.C., Spring 2012

Review and referee activities:
Write reviews of mathematical research papers for Zentralblatt Math and Mathematical Reviews
Refereed papers for Publicationaes Mathematicae Debrecen, the Bulletin of the London Mathematical Society, ANALYSIS, IEEE Signal Processing Letters,

Opuscula Math., Nonlinear Analysis Series A: Theory, Methods & Applications, Potential Analysis, Communications of the Korean Mathematical Society, Monatsh Math.

External reviewer of Elizabeth City University's DOE grant on computers and calculus, Summer 02

Papers:

Michael Puls, Zero divisors and $L^p(G)$, Proc. Amer. Math. Soc. 126 1998, 721-728.

Peter Linnell and Michael Puls, Zero divisors and $L^p(G)$, II, New York J. Math. 7(2001), 49-58.

Michael Puls, Group cohomology and L^p-cohomology of finitely generated groups, Canad. Math. Bull. Vol. 46 (2), 2003, 268-276.

Michael Puls, The first L^p-cohomology of some finitely generated groups and p-harmonic functions, Journal of Functional Analysis, 237 (2006), 391-401.

Michael Puls, The first L^p-cohomology of some groups with one end, Archiv der Mathematik, 88 (2007), 500-506.

Michael Puls, Graphs of bounded degree and the p-harmonic boundary, Pacific J. Math, 248(2) (2010), 429-452.

Michael Puls, The p-harmonic boundary for quasi-isometric graphs and manifolds, Rocky Mountain J. Math, Vol 42, Number 5, 2012, 1615-1632.

Mark Grinshpon, Peter Linnell and Michael Puls, Dimensions of l^p-cohomology groups, Houston J. Math., Vol 38 (1), 2012, 265-273.

Michael Puls, Some results concerning the p-Royden and p-harmonic boundaries of a graph of bounded degree. Ann. Acad. Sci. Fenn. Math., Vol 37, 2012, 81-90.

Michael Puls, The Pompeiu problem and discrete groups, Monatsh. Math., Vol 172 (3), 2013, 415-429.

Michael Puls, The p-harmonic boundary and D_p-massive subsets of a graph of bounded degree, Bull. Aust. Math. Soc., Vol 89 (1), 2014, 149-158.

Marcello Lucia and Michael Puls, The p-Royden and p-harmonic boundaries for metric measure spaces, Anal. Geom. Metr. Spaces, Vol 3, 2015, 111-122.

Peter Linnell, Michael Puls and Ahmed Roman, *Linear Dependency of translations and square integrable representations*, accepted Banach J. Math. Anal.

Michael Puls, Metric measure spaces and l^p-cohomology (in preparation)

Master Theses Directed:

M. Winds, "Professional Development and the State of Technology in the United States Middle Schools", New Jersey City University, December 1999

S. Nyrako, "The Influence of the Home Environment and Attitude on Mathematical Achievement", New Jersey City University, May 2000

N. Taddeo, "A Comparative Study of Teaching Methods between American and Japanese Mathematics Teachers", New Jersey City University, May 2001
N. McCarthy-Helbourg, "Block Scheduling provides the Structure Necessary to Meet the National Council of Mathematics Standards at the Middle School Level.", New Jersey City University, May 2002

Independent Study:

C. Ali, Fractals, Fall 1999
Y. Zhang, Real Variables, Spring 2001
C. Cox, Charter Theory, Spring 2006
J. Hilyard, Combinatorial group theory, Spring 2007