Benjamin P. Russo

Contact Information

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Department of Mathematics
Whitman Hall 180-I
Farmingdale State College SUNY

Education/ Employment

Assistant Professor September 2018 - present
Farmingdale State College SUNY
Visiting Assistant Professor August 2016 - August 2018
University of Connecticut
Ph.D in Mathematics May 2016
University of Florida
Advisor: Scott McCullough
M.S. in Mathematics May 2012
University of Florida
B.S. in Mathematics and Physics May 2010
University of Florida

Publications

The 3-isometric Lifting Theorem
(with Scott McCullough)
Integral Equations and Operator Theory, 84 (2016), no. 1, 69–87
Lifting Commuting 3-Isometric Tuples
Operators and Matrices, 11 (2017), no. 2, 397–433.
The Mittag Leffler Reproducing Kernel Hilbert Spaces of Entire and Analytic Functions
(with Joel Rosenfeld and Warren Dixon)
Journal of Mathematical Analysis and Applications, 463 (2018), no. 2, 576–592.

Conferences Attended

Southeastern Analysis Meeting, Virginia Tech (March 2013)
Southeastern Analysis Meeting, Clemson University (March 2014)
Southeastern Analysis Meeting, University of Georgia (March 2015)
Great Plains Operator Theory Seminar, Purdue University (May 2015)
Southeastern Analysis Meeting, University of South Florida (March 2016)
IWOTA, Washington University in St. Louis (July 2016)
Southeastern Analysis Meeting, University of Tennessee (March 2017)
AMS Special Session, University of Indiana (April 2017)
Hilbert Function Spaces, Gargnano, Italy (May 2017)
Northeastern Analysis Meeting, University of Albany, (October 2017)
AMS Sectional Meeting Special Session, Indiana University (April 2017)
AMS Special Session on Operators on Function Spaces, JMM (January 2018)

Talks

Graduate Mathematics Association, University of Florida (September 2014)
My Love/Hate Relationship with the Cantor Set
Southeastern Analysis Meeting, University of Georgia (March 2015)
The Equivalence of Lifting and Factorization for 3-Isometric Tuples
Great Plains Operator Theory Symposium, Purdue University (May 2016)
The Equivalence of Lifting and Factorization for 3-Isometric Tuples
Southeastern Analysis Meeting, University of South Florida (March 2016)
Multivariate Lifting Theorems with an Application
SIGMA Seminar, University of Connecticut (October 2016)
Dilations and Completely Positive Maps
Southeastern Analysis Meeting, University of Tennessee (March 2017)
A Generalization of the Fock Space
Hilbert Function Spaces, Gargnano, Italy (May 2017)
A Generalization of the Fock Space
UConn Math Club, University of Connecticut (October 2017)
The Game of Hex
Northeastern Analysis Meeting, University of Albany (October 2017)
A Generalization of the Fock Space
Mathematical Physics Learning Seminar, University of Connecticut (Feb 2018)
A Gentle Introduction to Quantum Information Theory
SIGMA Seminar, University of Connecticut (July 2018)
Introductions to Fractional Derivatives

Invited Talks

AMS Special Session on Operators, Function Spaces, and Models (January 2016)
Sub-Jordan Operator Tuples
IWOTA Special Session on Multivariable Operator Theory (July 2016)
Sub-Jordan Operator Tuples
AMS Sectional Meeting Special Session, Indiana University (April 2017)
A Generalization of the Fock Space
AMS Special Session on Operators on Function Spaces, JMM (January 2018)
A Generalization of the Fock Space
AMS Sectional Meeting Special Session, University of Delaware (September 2018)
C^*-algebras and the Category of Stochastic maps.
WINRS Special Session, University of Virginia (September 2018)
Fractional Derivatives and the Segal-Bargmann Space.
AMS Special Session on Multivariable Operator Theory, JMM (January 2019)
C^*-algebras and the Category of Stochastic Maps.

Teaching Experience

Courses taught at Farmingdale State College

MTH 130 - Calculus I with applications
MTH 151 - Calculus II
MTH 322 - Advanced Mathematical Analysis

Courses taught at University of Connecticut

MATH 1070 - Mathematics for Business and Economics
MATH 1131Q - Calculus I
MATH 2210Q - Applied Linear Algebra
MATH 2710 - Transition to Advanced Mathematics
MATH 3210 - Abstract Linear Algebra
MATH3150 - Analysis I

Courses taught at University of Florida

Instructor
MGF 1106 - Mathematics for Liberal Arts Majors
MAC 2312 - Analytic Geometry and Calculus II
MAP 2302 - Elementary Differential Equations

AIM Instructor (Assisting students Improving skills Maximizing potential)
MAC 1105 - Basic College Algebra

Online Instructor
MAC 1147 - Pre-Calculus and Trigonometry

Lecturer
MAC2313 - Analytic Geometry and Calculus III

Discussion Leader
MAC 1140 - Pre-calculus Algebra
MAC 1105 - Basic College Algebra
MGF 1106 - Mathematics for Liberal Arts Majors
MAC 2311 - Analytic Geometry and Calculus I
MAC 2312 - Analytic Geometry and Calculus II
MAC 2313 - Analytic Geometry and Calculus III

Course Development

Online Course Development for MAC 2313 at UF (Spring 2015 - Summer 2015)

Department Service

Graduate Student Mentor
Graduate Mathematics Association Webmaster (Spring 2013 - Fall 2014)
Graduate Analysis Seminar Organizer (Fall 2015)
Teaching Help Desk (Fall 2015)

Grants, Awards and Recognition

College of Liberal Arts and Sciences Travel Grant
Neil White Teaching Award Spring 2016
Letter of Recognition for Excellence in Teaching Spring 2017