

Scott Zrebiec
Texas A&M University
Email: zrebiec@math.tamu.edu

Education

University of Colorado, B.A. Mathematics May 2000
Minor: Chemistry
Johns Hopkins University, Ph.D. Mathematics May 2007
Advisor: Bernie Shiffman

Appointments:

Graduate Teaching Assistant 2001-2007
Visiting Assistant Professor 2007-Present

Publications:

S. Zrebiec, The zeros of flat Gaussian random holomorphic functions on C^n , and hole probability, *Michigan Math. J.* 55 (2007), no. 2, 269-284.
B. Shiffman, S. Zelditch, S. Zrebiec, Overcrowding and hole probabilities for random zeros on complex manifolds. *Indiana Univ. Math. J.* 57 (2008), no. 5, 1977-1997.

Submitted Publications:

S. Zrebiec, Real random Bargman-Fock Functions with few zeros, E-print Archive, ArXiv:math.CV/0807.0604, (2008)

Technical Articles:

S. Zrebiec, *The hole probability for Gaussian random $SU(2)$ polynomials*, E-print Archive, ArXiv:math.CV/0610686, (2006).
S. Zrebiec, *The hole probability for Gaussian random $SU(m+1)$ polynomials*, E-print Archive, ArXiv:math.CV/0610686, (2007).

Synergistic Activities

Conferences and Workshops attended:

“Asymptotic and Effective Results in complex Geometry,” JHU Spring 2004
“Harmonic Analysis, Ergodic Theory and Probability,” Stanford, the Clay Mathematics Institute and the NSF Winter 2004
“Complex Analysis, Differential Geometry, and Partial Differential equations,” Columbia Summer 2005
“Random Analytic Functions,” AIM Winter 2006
Joint meetings of the AMS Winter 2007
The geometry of holomorphic and algebraic curves in complex algebraic varieties, CRM Summer 2007
Pacific Rim Complex Geometry Conference Summer 2007
Enumeration and bounds in real alg. Geometry, EPFL Summer 2008
Mittag Leffler Institute Summer 2008
MRC: Computational algebra and convexity Summer 2008

Talks given:

<i>Graduate Seminar</i> , Johns Hopkins University: “The zeros of random holomorphic Polynomials”	Fall 2004
<i>Analysis Seminar</i> , Johns Hopkins University: “The zeros of Gaussian random holomorphic functions on C^n and hole Probability”	Fall 2005
<i>Several Complex Variables Seminar</i> , Texas A and M: “The zeros of Gaussian random holomorphic functions on C^n and hole Probability	Spring 2006
YMNA: poster session, joint meetings of the AMS:	Winter 2007
<i>Centre de Recherches mathematiques</i> : “Large deviations in the distribution of the zeros of a random $SU(m+1)$ polynomials”	Spring 2007
<i>Pacific rim conference on Complex Geometry</i> : “Large deviations in the distribution of the zeros of a random $SU(m+1)$ polynomials and random Flat functions”	Summer 2007
<i>Several Complex Variables Seminar</i> , Texas A and M: “Overcrowding and hole probabilities for random zeros on complex manifolds”	Fall 2008

Teaching Experience

As a visiting assistant professor at Texas A&M, I have taught the following courses:

<i>Business Mathematics II</i>	Fall 2007
<i>Differential Equations</i>	Spring 2008, Spring 2009
<i>Calculus I</i>	Fall 2008

As an instructor at Johns Hopkins University, I have taught the following courses:

<i>Calculus I</i>	Summer 2003
<i>Differential Equations with Applications</i>	Summer 2004, Summer 2005

As a teaching assistant at Johns Hopkins University, 2001-2006 I ran recitations for the following courses:

<i>Honors Analysis</i>	<i>Calculus I (Biological and Social Sciences)</i>
<i>Calculus I, II, and III</i>	<i>Differential Equations with Applications</i>
<i>Analysis</i>	

Professional service:

Reviewer for MathSciNet, 2008-present.

Organized the Several complex variables Seminar at Texas A&M, January 2009-present

Elected to the Graduate Representative for the JHU Mathematics Department Steering Committee, 2002–2003, where I brought graduate concerns and needs to the faculty.

Chair, Graduate Student Seminar, Johns Hopkins University, 2003-2004, and Spring 2005. As Chair I organized and arranged speakers which included faculty and students within our department as well as individuals from other universities and the private sector.

Teaching Assistant, Johns Hopkins University, 2001–2006.

Instructor, Johns Hopkins University, Summers of 2003-2005

Memberships:

American Mathematical Society	2001–present
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References: Available upon request