Curriculum Vitae
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EDUCATION: Ph.D. University of Illinois at Urbana-Champaign, 1981
B.S. *Summa cum Laude*, Princeton University, 1976

PROFESSIONAL EMPLOYMENT:

Chair, Syracuse University Department of Mathematics, July 2005-July 2008
Professor, Syracuse University, 1991-present
Associate Professor, Syracuse University, 1986-1991
Assistant Professor, Syracuse University, 1984-1986
H.C Wang Assistant Professor, Cornell University, 1983-84
H.C. Wang Research Instructor, Cornell University, 1981-83
Visiting Lecturer, University of Illinois, 1981-82

HONORS: Sloan Foundation Fellowship, 1985-1987

GRANTS: NSF Grant MCS 79-02581 (summer salary), May-August 1982
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NSF Grant DMS 85-03775 June 1985-August 1986
NSF Grant DMS 87-00802 June 1987-August 1988
NSF Grant DMS 87-00928 June 1989-August 1990

PROFESSIONAL OFFICES:

Associate Chair, Mathematics Department, 2007-2011
Chair, Mathematics Department, 2005-2007
Associate Chair, Mathematics Department, 1993-1996
Associate Editor, Annals of Probability, 1991-1996

PAPERS:

1. BROWNIAN MOTION WITH PARTIAL INFORMATION, *Trans. Amer. Math. Soc.* **271** (1982), 719-731.

2. AREA INTEGRALS AND SUBHARMONIC FUNCTIONS, *Indiana Math. J.* **33** (1984), 289-303.
3. (with M. Cranston) THE LIFETIME OF CONDITIONED BROWNIAN MOTION, *Z. fur Wahrscheinlichkeitstheorie* **65** (1983) ,1-11.

4. ON FOURIER MULTIPLIER TRANSFORMATIONS OF BANACH~VALUED FUNCTIONS, *Trans. Amer. Math. Soc*. **285** (1984), 739-757.

5. EXIT TIMES OF N-DIMENSIONAL RANDOM WALKS, *Z. fur Wahrscheinlichkeitstheorie* **67** (1984), 213-233.

6. A SKOROHOD--LIKE REPRESENTATION IN INFINITE DIMENSIONS, Lecture Notes in Math. **1153** (1985), 359-368, Springer Verlag, New York.

7. THE SIZE OF AN ANALYTIC FUNCTION AS MEASURED BY LEVY'S TIME CHANGE, *Ann. Probab*. **13** (1985), 1003-1005.

8. STABLE-BOUNDED SUBSETS OF L-alpha AND SAMPLE UNBOUNDEDNESS OF SYMMETRIC STABLE PROCESSES, *J. Funct. Anal*. **60** (1985), 265-279.

9. (with M.S. Taqqu) DECOUPLING INEQUALITIES FOR MULTILINEARFORMS IN INDEPENDENT SYMMETRIC RANDOM VARIABLES, *Ann. Probability* **14** (1986), 943-954.

10. (with M.S. Taqqu) DYADIC APPROXIMATION OF DOUBLE INTEGRALS WITH RESPECT TO SYMMETRIC STABLE PROCESSES, *Stochasic Processes and their Applications* **22** (1986), 323-331

11. (with M.S. Taqqu) DECOUPLING OF BANACH-VALUED MULTILINEAR FORMS IN INDEPENDENT SYMMETRIC BANACH-VALUED RANDOM VARIABLES, *Probability Theory and Related Fields* **75**(1987), 499-507.

12. A TWO-PARAMETER MAXIMAL ERGODIC THEOREM WITH DEPENDENCE, *Ann Probab*. **15** (1987), 1569-1585.

13. TWO PARAMETER STRONG LAWS AND MAXIMAL INEQUALITIES FOR U- STATISTICS, *Proc. Royal Soc. Edinburgh* **107**A (1987), 133-151.

14. ON THE STRONG MAXIMAL FUNCTION AND REARRANGEMENTS, *Studia Math*. **88** (1988) No.1, 85-102

15. (with E. Rieders) THE TWO-PARAMETER STRONG LAW FOR PARTIALLY EXCHANGEABLE ARRAYS, *Almost Everywhere Convergence* **1** (1989), 281-295, Academic Press.

16. A CONFORMAL INEQUALITY RELATED TO THE CONDITIONAL GAUGE THEOREM, *Trans. Amer. Math. Soc*. **318** (1990), 721-733.

17. DECOUPLING AND STOCHASTIC INTEGRATION IN UMD BANACH SPACES, *Probability and Mathematical Statistics*. **10** (1989), 283-295.

18. THE TWO-SIDED STEFAN PROBLEM WITH A SPATIALLY DEPENDENT LATENT HEAT, *Trans. Amer. Math. Soc*., **326** (1991),669-699.

19. (with P. Griffin) ON THE POSITION OF A RANDOM WALK AT THE TIME OF FIRST EXIT FROM A SPHERE, *Ann. Probab*., **20** (1992), 825-854.

20. (with P. Griffin and G. Verchota) CONDITIONED BROWNIAN MOTION IN SIMPLY CONNECTED PLANAR DOMAINS, *Ann. Inst. Henri Poincare* **29** (1993), 229-249.

21. (with P. Griffin) GAMBLER'S RUIN AND THE FIRST EXIT POSITION OF RANDOM WALK FROM LARGE SPHERES, *Ann probab*. **22**(1994), 1429-1472.

22. (with P. Griffin)Lp --BOUNDEDNESS OF THE OVERSHOOT IN MULTIDIMENSIONAL RENEWAL THEORY, *Ann. Probab*. **23**(1995), 2022-2056.

22. LAWS OF LARGE NUMBERS FOR SOME NON-REPETITIVE SEQUENCES, 1991, Manuscript

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24. AN INEQUALITY RELATED TO THE BIRTHDAY PROBLEM, 2001, http://barnyard.syr.edu/bd.pdf

25. REMARK ON AVERAGE VELOCITY, 2002, http://barnyard.syr.edu/velocity.pdf

26. THE PENDULUM PERIOD EXPANSION VIA CANONICAL PERTURBATION THEORY, 2003, http://barnyard.syr.edu/pendulum.pdf

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28. (with D.G. Ray, R.D. Yanai, and R.D. Nyland), Growing-Space Relationships in Young Even-Aged Northern Hardwood Stands Based on Individual-Tree and Plot-Level Measurements, *North. J. Appl. For.**28(***2011), 27-35

29. THE KEPLER PROBLEM: ORBIT CONES AND CYLINDERS, 2011, http://barnyard.syr.edu/stuff/orbits.pdf

30. NOTE ON THE PARALLELOGRAM LAW, 2013, http://barnyard.syr.edu/parallelogram.pdf

31. DEBRUIJN STRINGS, DOUBLE HELICES, AND THE EHREHFEUCHT-MYCIELSKI MECHANISM, 2013, http://barnyard.syr.edu/EM2.pdf

32. HARVESTING LUNAR ECCENTRICITY? , 2014, http://barnyard.syr.edu/eccentric.pdf

33. THE ASSOCIATIVE LAW AND RIEMANN'S THEOREM, 2014, http://barnyard.syr.edu/Riemann.pdf

34. NOTE ON SEGMENTED SERIES, 2015, http://barnyard.syr.edu/Segment.pdf

35. COMPLEMENTS ON SIMPLE LINEAR REGRESSION, 2015, http://barnyard.syr.edu/Regression.pdf

36. THE BIRTHDAY PROBLEM WHEN BIRTHDAYS ARE DEPENDENT, 2015, http://barnyard.syr.edu/bday.pdf

37. REMARKS ON DECOUPLING INEQUALITIES FOR RANDOM MULTILINEAR FORMS, 2015, http://barnyard.syr.edu/decouple.pdf

38. SLANT ASYMPTOTES AND THE LEGENDRE TRANSFORM, 2015, http://barnyard.syr.edu/slant.pdf

39. REPAIRING THE DISCONTINUOUS FUNCTION, 2016 http://barnyard.syr.edu/baire.pdf