J Theodore Cox

Curriculum Vitae

✉ *jtcox@syr.edu*

Employment

1986–	Professor of Mathematics, *Syracuse University*
1997–1998	Visiting Professor, *University of British Columbia*
1987–1988	Visiting Professor, *Cornell University*
1981–1986	Associate Professor, *Syracuse University*
1979–1981	Assistant Professor, *Syracuse University*
1977–1979	Assistant Professor, *University of Southern California*
1976–1977	Assistant Professor, *Georgia Institute of Technology*

Education

Ph.D.	Cornell University *1976*
B.S.	Harvey Mudd College *1972*

Research Area

Probability Theory

Honors

2013-2014	Fellow in Mathematics, Simons Foundation
1989	Elected Fellow, *Institute of Mathematics Statistics*

Grants

Simons Foundation

2013–2014 Fellow in Mathematics, Grant 267154

National Science Foundation

2012–2016	DMS-1208984
2008–2012	DMS-0803517
2005–2008	DMS-0505439
2002–2005	DMS-0204422
1999–2002	DMS-9971868
1996–1999	DMS-9626675
1996–1999	INT-9600698
1993–1996	DMS-9303233
1993–1994	INT-9301461
1990–1992	DMS-90004628
1986–1988	DMS-8601713

1984–1986 DMS-8401317

1981–1983 MCS-81021331

National Security Agency

2012–2012 H98230-12-1-0264

1992–1994 MDA-904-92-H3089

1988–1990 MDA904-90-H120

PhD Students

1999 Tom Pfaff (Ithaca College)

Publications

[77] JT Cox. "Densities of biased voter models converge to Feller's branching diffusion". *Markov processes and related fields* (2017), pp. 421–444.

[76] JT Cox and Yu-Ting Chen. "Weak atomic convergence of finite voter models toward Fleming-Viot processes". *Stochastic. Process. Appl.* (2017), to appear.

[75] JT Cox, Jihyeok Choi, and Yu-Ting Chen. "On the convergence of densities of finite voter models to the Wright-Fisher diffusion". *Ann. Inst. H. Poincaré Probab. Statist.* 52 (2016), pp. 286–322.

[74] JT Cox and Richard Durrett. "Evolutionary games on the torus". *Stochastic Process. Appl.* 29 (2016), pp. 2388–2409.

[73] JT Cox, Yuval Peres, and Jeffrey E Steif. "Cutoff for the Noisy Voter Model". *Ann. Appl. Probab.* 26 (2016), pp. 917–932.

[72] J Theodore Cox and Edwin A Perkins. "A complete convergence theorem for voter model perturbations". *Ann. Appl.Probab.* 24 (2014), pp. 150–197.

[71] J Theodore Cox and Rinaldo B Schinazi. "A stochastic model for the evolution of the influenza virus". *Markov processes and related fields* 20 (2014), pp. 155–166.

[70] JT Cox, R. Durrett, and E. Perkins. "Voter model perturbations and reaction diffusion equations". *Astérisque* 349 (2013).

[69] J.T. Cox and R.B. Schinazi. "A branching process for virus survival". *J. Appl. Probab.* 49 (2012), pp. 888–894.

[68] JT Cox. "Intermediate range migration in the two-dimensional stepping stone model". *Ann. Appl. Probab.* 20 (2010), pp. 785–805. DOI: 10.1214/09-AAP639.

[67] JT Cox, Nevena Marić, and Rinaldo Schinazi. "Contact process in a wedge". *J. Stat. Phys.* 139 (2010), pp. 506–517. DOI: 10.1007/s10955-010-9950-7.

[66] JT Cox, Mathieu Merle, and Edwin Perkins. "Coexistence in a two-dimensional Lotka-Volterra model". *Electron. J. Probab.* 15 (2010), no. 38, 1190–1266. DOI: 10.1214/EJP.v15-795.

[65] JT Cox and Rinaldo B. Schinazi. "Survival and coexistence for a multitype contact process". *Ann. Probab.* 37 (2009), pp. 853–876. DOI: 10.1214/08-AOP422.

[64] JT Cox and Edwin A. Perkins. "Renormalization of the two-dimensional Lotka-Volterra model". *Ann. Appl. Probab.* 18 (2008), pp. 747–812. DOI: 10.1214/07-AAP453.

[63] JT Cox and Edwin A. Perkins. "Survival and coexistence in stochastic spatial Lotka-Volterra models". *Probab. Theory Related Fields* 139 (2007), pp. 89–142. DOI: 10.1007/s00440-006-0040-3.

[62] JT Cox and Edwin A. Perkins. "Rescaled Lotka-Volterra models converge to super-Brownian motion". *Ann. Probab.* 33 (2005), pp. 904–947. DOI: 10.1214/009117904000000973.

[61] Iljana Zähle, JT Cox, and Richard Durrett. "The stepping stone model. II. Genealogies and the infinite sites model". *Ann. Appl. Probab.* 15 (2005), pp. 671–699. DOI: 10.1214/105051604000000701.

[60] JT Cox, D. A. Dawson, and A. Greven. "Mutually catalytic super branching random walks: large finite systems and renormalization analysis". *Mem. Amer. Math. Soc.* 171 (2004), pp. viii+97.

[59] JT Cox and Edwin A. Perkins. "An application of the voter model–super-Brownian motion invariance principle". *Ann. Inst. H. Poincaré Probab. Statist.* 40 (2004), pp. 25–32. DOI: 10.1016/S0246-0203(03)00046-3.

[58] JT Cox and Achim Klenke. "Rescaled interacting diffusions converge to super Brownian motion". *Ann. Appl. Probab.* 13 (2003), pp. 501–514. DOI: 10.1214/aoap/1050689591.

[57] JT Cox and Richard Durrett. "The stepping stone model: new formulas expose old myths". *Ann. Appl. Probab.* 12 (2002), pp. 1348–1377. DOI: 10.1214/aoap/1037125866.

[56] JT Cox and Achim Klenke. "Erratum: "Recurrence and ergodicity of interacting particle systems" [Probab. Theory Related Fields **116** (2000), no. 2, 239–255; MR1743771 (2001j:60181)]". *Probab. Theory Related Fields* 122 (2002), pp. 613–615. DOI: 10.1007/s004400200197.

[55] Maury Bramson, JT Cox, and Jean-François Le Gall. "Super-Brownian limits of voter model clusters". *Ann. Probab.* 29 (2001), pp. 1001–1032. DOI: 10.1214/aop/1015345592.

[54] JT Cox, Richard Durrett, and Edwin A. Perkins. "Rescaled voter models converge to super-Brownian motion". *Ann. Probab.* 28 (2000), pp. 185–234. DOI: 10.1214/aop/1019160117.

[53] J.T. Cox and J. Geiger. "The genealogy of a cluster in the multitype voter model". *The Annals of Probability* 28 (2000), pp. 1588–1619.

[52] JT Cox and Achim Klenke. "Recurrence and ergodicity of interacting particle systems". *Probab. Theory Related Fields* 116 (2000), pp. 239–255. DOI: 10.1007/PL00008728.

[51] JT Cox, Achim Klenke, and Edwin A. Perkins. "Convergence to equilibrium and linear systems duality". In: *Stochastic models (Ottawa, ON, 1998)*. Vol. 26. CMS Conf. Proc. Providence, RI: Amer. Math. Soc., 2000, pp. 41–66.

[50] JT Cox and Rinaldo B. Schinazi. "A stochastic spatial process to model the persistence of sickle-cell disease". *Ann. Appl. Probab.* 9 (1999), pp. 319–330. DOI: 10.1214/aoap/1029962744.

[49] Ted Cox, Richard Durrett, and Edwin A. Perkins. "Rescaled particle systems converging to super-Brownian motion". In: *Perplexing problems in probability*. Vol. 44. Progr. Probab. Boston, MA: Birkhäuser Boston, 1999, pp. 269–284.

[48] Maury Bramson, JT Cox, and Richard Durrett. "A spatial model for the abundance of species". *Ann. Probab.* 26 (1998), pp. 658–709. DOI: 10.1214/aop/1022855647.

[47] JT Cox, Andreas Greven, and Tokuzo Shiga. "Finite and infinite systems of interacting diffusions: cluster formation and universality properties". *Math. Nachr.* 192 (1998), pp. 105–124. DOI: 10.1002/mana.19981920107.

[46] Maury Bramson, JT Cox, and Andreas Greven. "Invariant measures of critical spatial branching processes in high dimensions". *Ann. Probab.* 25 (1997), pp. 56–70. DOI: 10.1214/aop/1024404278.

[45] Maury Bramson, JT Cox, and Richard Durrett. "Spatial models for species area curves". *Ann. Probab.* 24 (1996), pp. 1727–1751. DOI: 10.1214/aop/1041903204.

[44] JT Cox, Klaus Fleischmann, and Andreas Greven. "Comparison of interacting diffusions and an application to their ergodic theory". *Probab. Theory Related Fields* 105 (1996), pp. 513–528. DOI: 10.1007/BF01191911.

[43] JT Cox and R. Durrett. "Hybrid zones and voter model interfaces". *Bernoulli* 1 (1995), pp. 343–370. DOI: 10.2307/3318488.

[42] JT Cox, Andreas Greven, and Tokuzo Shiga. "Finite and infinite systems of interacting diffusions". *Probab. Theory Related Fields* 103 (1995), pp. 165–197. DOI: 10.1007/BF01204213.

[41] JT Cox. "On the ergodic theory of critical branching Markov chains". *Stochastic Process. Appl.* 50 (1994), pp. 1–20. DOI: 10.1016/0304-4149(94)90144-9.

[40] JT Cox. "Recent results on finite and infinite systems of interacting diffusions". *Resenhas* 1 (1994). Fifth Latin American Congress of Probability and Mathematical Statistics (Portuguese) (São Paulo, 1993), pp. 173–181.

[39] JT Cox and Andreas Greven. "Ergodic theorems for infinite systems of locally interacting diffusions". *Ann. Probab.* 22 (1994), pp. 833–853.

[38] JT Cox and Andreas Greven. "The finite systems scheme: an abstract theorem and a new example". In: *Measure-valued processes, stochastic partial differential equations, and interacting systems (Montreal, PQ, 1992)*. Vol. 5. CRM Proc. Lecture Notes. Providence, RI: Amer. Math. Soc., 1994, pp. 55–67.

[37] Maury Bramson, JT Cox, and Andreas Greven. "Ergodicity of critical spatial branching processes in low dimensions". *Ann. Probab.* 21 (1993), pp. 1946–1957.

[36] L. Buttell, JT Cox, and R. Durrett. "Estimating the critical values of stochastic growth models". *J. Appl. Probab.* 30 (1993), pp. 455–461.

[35] JT Cox et al. "Greedy lattice animals. I. Upper bounds". *Ann. Appl. Probab.* 3 (1993), pp. 1151–1169.

[34] JT Cox. "Some remarks on the theory of critical branching random walk". In: *Spatial stochastic processes*. Vol. 19. Progr. Probab. Boston, MA: Birkhäuser Boston, 1991, pp. 23–33.

[33] JT Cox and R. Durrett. "Nonlinear voter models". In: *Random walks, Brownian motion, and interacting particle systems*. Vol. 28. Progr. Probab. Boston, MA: Birkhäuser Boston, 1991, pp. 189–201.

[32] JT Cox, R. Durrett, and R. Schinazi. "The critical contact process seen from the right edge". *Probab. Theory Related Fields* 87 (1991), pp. 325–332. DOI: 10.1007/BF01312213.

[31] JT Cox and Andreas Greven. "On the long term behavior of finite particle systems: a critical dimension example". In: *Random walks, Brownian motion, and interacting particle systems*. Vol. 28. Progr. Probab. Boston, MA: Birkhäuser Boston, 1991, pp. 203–213.

[30] JT Cox and Philip S. Griffin. "How porous is the graph of Brownian motion?" *Trans. Amer. Math. Soc.* 325 (1991), pp. 119–140. DOI: 10.2307/2001662.

[29] JT Cox and Richard Durrett. "Large deviations for independent random walks". *Probab. Theory Related Fields* 84 (1990), pp. 67–82. DOI: 10.1007/BF01288559.

[28] JT Cox and A. Greven. "On the long term behavior of some finite particle systems". *Probab. Theory Related Fields* 85 (1990), pp. 195–237. DOI: 10.1007/BF01277982.

[27] JT Cox and David Griffeath. "Mean field asymptotics for the planar stepping stone model". *Proc. London Math. Soc. (3)* 61 (1990), pp. 189–208. DOI: 10.1112/plms/s3-61.1.189.

[26] JT Cox. "Coalescing random walks and voter model consensus times on the torus in $\mathbf{Z}^d$". *Ann. Probab.* 17 (1989), pp. 1333–1366.

[25] Maury Bramson, JT Cox, and David Griffeath. "Occupation time large deviations of the voter model". *Probab. Theory Related Fields* 77 (1988), pp. 401–413. DOI: 10.1007/BF00319297.

[24] JT Cox. "Some limit theorems for voter model occupation times". *Ann. Probab.* 16 (1988), pp. 1559–1569.

[23] JT Cox and Richard Durrett. "Limit theorems for the spread of epidemics and forest fires". *Stochastic Process. Appl.* 30 (1988), pp. 171–191. DOI: 10.1016/0304-4149(88)90083-X.

[22] JT Cox and David Griffeath. "Recent results for the stepping stone model". In: *Percolation theory and ergodic theory of infinite particle systems (Minneapolis, Minn., 1984–1985)*. Vol. 8. IMA Vol. Math. Appl. New York: Springer, 1987, pp. 73–83. DOI: 10.1007/978-1-4613-8734-36.

[21] Maury Bramson, JT Cox, and David Griffeath. "Consolidation rates for two interacting systems in the plane". *Probab. Theory Related Fields* 73 (1986), pp. 613–625. DOI: 10.1007/BF00324856.

[20] JT Cox and David Griffeath. "Critical clustering in the two-dimensional voter model". In: *Stochastic spatial processes (Heidelberg, 1984)*. Vol. 1212. Lecture Notes in Math. Berlin: Springer, 1986, pp. 59–68. DOI: 10.1007/BFb0076238.

[19] JT Cox and David Griffeath. "Diffusive clustering in the two-dimensional voter model". *Ann. Probab.* 14 (1986), pp. 347–370.

[18] JT Cox and David Griffeath. "Large deviations for some infinite particle system occupation times". In: *Particle systems, random media and large deviations (Brunswick, Maine, 1984)*. Vol. 41. Contemp. Math. Providence, RI: Amer. Math. Soc., 1985, pp. 43–54. DOI: 10.1090/conm/041/814701.

[17] JT Cox and David Griffeath. "Occupation times for critical branching Brownian motions". *Ann. Probab.* 13 (1985), pp. 1108–1132.

[16] JT Cox. "An alternate proof of a correlation inequality of Harris". *Ann. Probab.* 12 (1984), pp. 272–273.

[15] JT Cox and David Griffeath. "Large deviations for Poisson systems of independent random walks". *Z. Wahrsch. Verw. Gebiete* 66 (1984), pp. 543–558. DOI: 10.1007/BF00531890.

[14] JT Cox and Geoffrey Grimmett. "Central limit theorems for associated random variables and the percolation model". *Ann. Probab.* 12 (1984), pp. 514–528.

[13] JT Cox and Uwe Rösler. "A duality relation for entrance and exit laws for Markov processes". *Stochastic Process. Appl.* 16 (1984), pp. 141–156. DOI: 10.1016/0304-4149(84)90015-2.

[12] JT Cox and Richard Durrett. "Oriented percolation in dimensions $d \geq 4$: bounds and asymptotic formulas". *Math. Proc. Cambridge Philos. Soc.* 93 (1983), pp. 151–162. DOI: 10.1017/S0305004100060436.

[11] JT Cox and David Griffeath. "Occupation time limit theorems for the voter model". *Ann. Probab.* 11 (1983), pp. 876–893.

[10] JT Cox and Richard Durrett. "Some limit theorems for percolation processes with necessary and sufficient conditions". *Ann. Probab.* 9 (1981), pp. 583–603.

[9] J.T. Cox and G. Grimmett. "Central limit theorems for percolation models". *J.Stat. Phys.* 25 (1981), pp. 237–251.

[8] JT Cox and Harry Kesten. "On the continuity of the time constant of first-passage percolation". *J. Appl. Probab.* 18 (1981), pp. 809–819.

[7] JT Cox. "The time constant of first-passage percolation on the square lattice". *Adv. in Appl. Probab.* 12 (1980), pp. 864–879. DOI: 10.2307/1426745.

[6] JT Cox. "An alternate proof of a theorem of Kesten concerning Markov random fields". *Ann. Probab.* 7 (1979), pp. 377–378.

[5] JT Cox. "Further results on one-dimensional diffusions with time parameter set $(-\infty, \infty)$". *Ann. Probab.* 7 (1979), pp. 537–542.

[4] JT Cox. "The age functional for Markov chains". *Z. Wahrsch. Verw. Gebiete* 49 (1979), pp. 163–170. DOI: 10.1007/BF00534255.

[3] JT Cox. "An example of phase transition in countable one-dimensional Markov random fields". *J. Appl. Probab.* 14 (1977), pp. 205–211.

[2] JT Cox. "Entrance laws for Markov chains". *Ann. Probab.* 5 (1977), pp. 533–549.

[1] JT Cox. "On one-dimensional diffusions with time parameter set $(-\infty, \infty)$". *Ann. Probab.* 5 (1977), pp. 807–813.

Invited Conference Lectures

2017 May "Weak atomic convergence of finite voter models to Fleming-Viot processes", *2017 Southeast Probability Conference*, Duke University, Durham NC.

2014 Feb. "Convergence of voter model densities on finite graphs", Workshop *From interacting particle systems to population genetics*, Universität Erlangen-Nünberg, Erlangen.

2013 Aug. "Convergence of voter model densities on finite graphs", *Workshop on Random Trees, Centre de Recherches Mathematique, Montreal.*

Jun. "Survival and coexistence for a class of stochastic spatial competition models", *Recent Trends in Stochastic Analysis,* UBC, Vacouver.

Apr. "Stochastic processes on graphs" (Gehman Lecture), *MAA Seaway Section,* Fredonia, NY.

2012 Sep. "Convergence of voter model densities on finite graphs", *AMS Special Session on Probability Probability and Statistical Physics,* Rochester, NY.

2012 Apr. "Survival and coexistence for a class of stochastic spatial models", *Workshop on Spatial Models of Micro and Macro Systems,* Mathematical Biosciences Institute, Columbus.

2011 Mar. Minicourse on "Limit Theorems for Voter model perturbations",*Young European Probabilists Workshop IIIV 2011, Stochastic Models for Population Dynamics,* Eurandom, Eindhoven.

2010 Jun. "Limit Theorems for Voter model perturbations", *IMS 2010 Annual Meeting,* Gothenburg.

Apr. "Limit Theorems for Voter model perturbations", *4th Cayuga Triangle Probability Seminar,* Ithaca.

2009 Jun. "Intermediate range migration in the two-dimensional stepping stone model", *Summer Meeting, Statistical Society of Canada,* Vancouver.

2008 Jun. "Survival and coexistence for a competition model using super-Brownian motion (I,II)", *4th Cornell Probability Summer School,* Ithaca.

2007 Jun. "Convergence of interacting particle systems to super-Brownian motion", *Probability and Stochastic Processes Symposium,* Ottawa.

Mar. "Survival and coexistence for a stochastic Lotka-Volterra Model", *Seminar on Stochastic Processes,* Fields Institute, Toronto.

2005 Jul. "Measure-Valued Limits of Interacting Particle Systems", *Plenary Address, The Joint Meeting of the Chinese Society of Probability and Statistics and The Institute of Mathematical Statistics,* Beijing.

2004 Aug. "The Stepping Stone Model", *Workshop on stochastic processes in evolutionary theory and disease genetics,* Banff International Research Station, Banff.

2002 Jun. "Measure-valued limits of a Lotka-Volterra model", *Summer Meeting, Canadian Mathematics Society,* Québec.

Apr. "Super-Brownian limits of voter model clusters: I and II", *Sixth Annual Southeastern Probability Days,* Atlanta.

Apr. "Some new results for the stepping stone model", *Workshop on Spatially Distributed and Hierarchically Structured Systems,* CRM, Montreal.

1999 Mar. "Rescaled voter models and super-Brownian motion", *Workshop on Interactive Measure-Valued Processes,* Fields Institute, Toronto.

1998 Jun. "Rescaled voter models and super-Brownian Motion", *International Conference on Stochastic Models,* Ottawa.

Jan. "A spatial model for the abundance of species", *First Pacific Rim Conference on Mathematics,* Hong Kong.

1997 Dec. "A spatial model for the abundance of species,"*Workshop on Probability and Analysis,* Oberwolfach.

1995 Jul. "Local extinction of interacting diffusions", *IMS Workshop Directions in Probability,* Montreal.

Jul. "Species area curves", *Erlangen Probability Day,* Erlangen.

1994 Jan. "Recent results for systems of interacting diffusions", *Workshop on Mathematical Population Genetics,* IMA, Minneapolis.

1993 Jun. "Finite and infinite systems of interacting diffusions", *V CLAPEM,* São Paulo.

1992 Dec. "Finite and infinite systems of interacting diffusions", *Large Deviations Workshop,* Oberwolfach.

Nov. "The voter model – a simple interacting particle system", *MAA, Ithaca.*

Oct. "Critical spatial branching in low dimensions",*Workshop on Superprocesses and Interacting Particle Systems,* CRM, Montreal.

1991 Jul. "Interacting diffusions", *Workshop on Interacting Particle Systems,* MSI, Ithaca.

1989 Jun. "Critical branching in low dimensions", *AMS-SIAM Summer Seminar on Random Media,* Blacksburg.

Jan. "Critical branching random walks",*19th Annual Southern California Probability Symposium,* Los Angeles.

1988 Jul. "The long term behavior of some finite particle systems", *Oxford Workshop on Probability and its Applications,* Oxford.

1987 Aug. "Asymptotics for finite particle systems", *16th Conference on Stochastic Processes and their Applications,* Stanford

Jan. "A shape theorem for an epidemic model" *AMS Special Session on Probability and Analyss,* San Antonio.

1986 Feb. "Recent results for the stepping stone model", *Workshop on Percolation and Particle Systems,* IMA, Minneapolis.

1984 Sep. "Critical clustering in the two-dimensioinal voter model", *Stochastic Processes Conference,* German Cancer Research Center, Heidelberg.

1981 Aug. "Duality theory for entrance and exit laws", *IMS Summer Meeting,* Vail.

1979 Aug. "The time constant of first passage percolation", *AMS Special Session,* Duluth.

Jun. "Percolation processes", *IMS Special Session,* Los Angeles.

1977 Dec. "The age functional for Markov processes", *AMS Special Session,*Claremont.

1977 Dec. "Entrance laws for Markov processes", *Southern California Probability Symposium,* Los Angeles.

Colloquia/Seminar Talks

2016 Mar University of Rochester

Feb. Duke University

2014 May Gothenburg University

Apr Courant Institute, NYU

Feb Goethe-Universität, Frankfurt am Main

Feb Johannes Gutenberg-Universität Mainz

Jan Duke University

2012 Mar Arizona State University

2009 Oct Cornell University

2007 Mar Smith College

2006 Oct Rochester Institute of Technology

Mar. Cornell University

2005 May University of Colorado, Colorado Springs

2004 Dec Erwin Schrödinger Institute for Mathematical Physics, Vienna

Dec Universität Erlangen-Nürnberg
Sep Pacific Institute of Mathematics
2003 May University of Rochester
1999 May Weierstrass-Institute for applied Analysis and Stochastics, Berlin
Jun Universität Erlangen-Nürnberg
1998 Nov Cornell University
Apr University of British Columbia
Jan Kyoto University
Jan Nagoya University
Jan Tokyo University
1997 Dec Goethe-Universität, Frankfurt
Sep University of British Columbia
Apr University of Rochester
1996 Nov Cornell University
Jul University of British Columbia
1995 Jul Universität Erlangen-Nürnberg
1994 Dec University of Rochester
1993 Dec Cornell University
1992 Dec Universität Göttingen
May Universität Göttingen
1991 Nov University of Rochester
1990 Oct University of Wisconsin
Aug Universität Heidelberg
Mar University of Wisconsin
1989 Jul Universität Heidelberg
Sep University of Ottawa
1988 Oct York University
Jun Case Western Reserve University
1987 Nov Cornell University
Sep Cornell University
Mar Tufts University
1986 Jul Technische Universität, Berlin
Jun Universität Heidelberg
Mar Cornell University
Apr Cornell University
1984 Feb Cornell University
1983 Feb Courant Institute
1981 Dec Cornell University
Oct University of Rochester
1980 Nov Cornell University

Teaching

Recent Courses Taught

	Fall	Spring
2016–2017	MAT 521, MAT 526	
2015–2016	MAT 296, MAT 526	MAT 526, MAT 602
2014–2015	MAT 296, MAT 526	MAT 521, MAT 602
2013–2014	On leave	On leave
2012–2013	MAT 397, MAT 521	MAT 412, MAT 512
2011–2012	MAT 526, MAT 721	MAT 295, MAT 512
2010–2011	MAT 412, MAT 721	MAT 512, MAT 526
2009–2010	MAT 412, MAT 521	MAT 295, MAT 722
2008–2009	On leave	No classes
2007–2008	MAT 221, MAT 521	MAT 397 (2), MAT 722
2006–2007	MAT 412, MAT 521	MAT 525, MAT 722
2005–2006	MAT 485, MAT 721	MAT 121, MAT 526

Service

Mathematical Community

Associate Editor *Ann. Probab.* 1994-1999

Associate Editor *Electron. J. Probab.* 1999-2002

Editor in Chief *Electron. J. Probab.* 2002-2005

NSA Advisory Panel 07-08,08-09,09-10

NSF Advisory Panel 00,03,13,17

Reviewer NSA, NSF, NSERC, SNSF, US-Israel BSF grant proposals

Referee Various mathematics journals

External Examiner PhD Thesis Defense, G. Gauthier, Carleton University, 1995

Project Director USA/Brazil Cooperative Research Grant 96-99 (NSF)

Co-organizer "Topics in Modern Stochastic Analysis," Fields Institute, 2000

Organizer "3rd Cayuga Triangle Probability Meeting", 2009

Co-rganizer "Fingerlakes Probability Seminar", 2016

Member PIMS PTCS Fellowship Committee, 2015-2016

Member IMS Nominating Committee, 2015

Mathematics Department

Executive Committee *85-87, 88-90, 94-96, 03-04, 05-07, 09-11, 12-13,14-16, 17-*

Graduate Committee *98-99, 99-00, 00-01 (Chair), 07-08 (Chair)*

Undergraduate Committee *81-84*

PhD Qualifying Exam *83,89,90,93,96,03,09,12*

Undergraduate Advisor *81-83, 02-03, 10-12*

Mathematics Major Advisor *11-13*

Ad Hoc Committees *Reappointment (81,85,88,89); Promotion/Tenure (81,85,86,89,90, 93,94,95,03,10,12,14); Chair Search (02,05); Faculty Search (12,14,15)*

College/University

Chancellor's Citation Committee *89,90*

AS College Promotion/Tenure Committee *91-92, 96-97, 01-02, 02-03, 17-18*

United Way Campaign *93-94*

AS College Curriculum Committee *Fall 16*