

CONTACT INFORMATION	Mathematics Department Emory University Atlanta GA USA 30322	office: 404 727 7957 fax: 404 727 5611 email: dwightduffus@emory.edu
ACADEMIC POSITIONS	Goodrich C. White Professor of Mathematics (2002-present); Chair (1991-2005) Professor, Emory University (1990-2002) Associate Professor, Emory University (1985-1990) Assistant Professor, Emory University (1979-1985) Postdoctoral Fellow, Vanderbilt University (1978-1979)	
EDUCATION	Ph. D. (1978) University of Calgary; Thesis – <i>Toward a Theory of Partially Ordered Sets</i> M. Sc. (1976) University of Calgary; Thesis – <i>The Covering Graph of a Lattice</i> B. A. Hons. (1974) University of Saskatchewan – Regina	
RESEARCH INTERESTS	Ordered combinatorial and algebraic structures Theory of graphs and relations	
AWARDS AND GRANTS	NSF OUE Grant (2011) STEP - Gateways to Success in Science, Mathematics and Computer Science (Senior Personnel) NSF DMS Grant (2011) \$20,000; 15 th International Conference on Random Structures and Algorithms (24-28 May 2011) Emory University Subvention Fund (2011) \$14,625; 15 th International Conference on Random Structures and Algorithms (24-28 May 2011) Goodrich C. White Professorship, Emory College (2002) NSF International Programs Grant (2000-2003), \$20,000(co-PI; V. Rodl PI) Emory University Research Committee (1994-95) \$10,000; 7 th International Conference on Random Structures and Algorithms (16-20 May 1995) NSF DMS Grant (1995) \$12,000; Seventh International Conference on Random Structures and Algorithms (16-20 May 1995) NSA Mathematical Sciences (1995) \$8,000; Seventh International Conference on Random Structures and Algorithms (16-20 May 1995) NSF International Programs Grant (1994-1998) \$27,400 (co-PI; V. Rodl PI) ONR Research Grant N00014-91-J-1150 (1990-1995) \$175,685 Emory Williams Teaching Award, Emory University (1986) ONR Research Contract N00014-85-K-0769 (with P. Winkler; 1985-1990) \$241,502 NSF DMS Grant 8302054 (with P. Winkler; 1983-1984) \$80,000 NSF-CBMS Regional Conference Grant DMS 8403620 (with R. J. Gould and P. Winkler; 1984) NSERC Canada Postdoctoral Fellowship (1978-1979) Governor General's Medal, Canada (1974)	

- Path length in the covering graph of a lattice, *Discrete Math* **19** (1977) 139-158 (I. Rival)
- A logarithmic property for ordered sets, *Canad J Math* **30** (1978) 797-807 (I. Rival)
- Structure results for function lattices, *Canad J Math* **30** (1978) 393-400 (B. Jonsson and I. Rival)
- Exponents of finite simple lattices, *J London Math Soc* **17** (1978) 203-211 (B. Davey, R. W. Quackenbush and I. Rival)
- Separable subsets of a finite lattice, *J Combin Theory Ser A* **25** (1978) 188-192 (I. Rival)
- Crowns in dismantlable partially ordered sets, *Colloq Math Janos Bolyai* (Proc Colloq Keszthely, 1978) 271-291 (I. Rival)
- Retracts of partially ordered sets, *J Aust Math Soc A* **27** (1979) 495-506 (I. Rival)
- A theorem on partially ordered sets of order-preserving mappings, *Proc Amer Math Soc* **76** (1979) 14-16 (R. Wille)
- Retracts and the fixed point problem for finite partially ordered sets, *Canad Math Bull* **23** (1980) 231-236 (W. Poguntke and I. Rival)
- Weak embeddings of distributive lattices, *Algebra Universalis* **10** (1980) 258-259 (I. Rival)
- Spanning subsets as retracts of partially ordered sets, *Discrete Math* **32** (1980) 1-7 (M. Simonovits and I. Rival)
- Structure theory for ordered sets, *Discrete Math* **32** (1981) 53-118 (I. Rival)
- Complete ordered sets with no infinite antichains, *Discrete Math* **32** (1981) 39-52 (M. Pouzet and I. Rival)
- Dimension and automorphism groups of lattices, *Algebra Universalis* **12** (1981) 279-289 (L. Babai)
- Automorphism groups of function lattices, *Colloq Math Janos Bolyai* (Proc Colloq Esztergom, 1977) **29** (1977) 203-207 (R. Wille)
- Forbidden subgraphs and the Hamiltonian theme, *The Theory and Application of Graphs* (ed. G. Chartrand) New York (1981) 297-316 (R. J. Gould and M. S. Jacobson)
- Exponentiation and duality, *Ordered Sets* (ed. I. Rival) Boston (1982) 43-95 (B. A. Davey)
- Matching in modular lattices, *J Combin Theory Ser A* **32** (1982) 303-314
- Minimizing setups for cycle-free ordered sets, *Proc Amer Math Soc* **85** (1982) 509-513 (I. Rival and P. Winkler)
- Graphs orientable as distributive lattices, *Proc Amer Math Soc* **88** (1983) 197-200 (I. Rival)
- Powers of ordered sets, *Order* **1** (1984) 83-92

- Representing ordered sets by chains, *Order: Description and Roles* (Proc Conf on Ordered Sets and Their Applications, Arbresle, 1983) (ed. M. Pouzet and D. Richard) Amsterdam (1984) 81-98 (M. Pouzet)
- Automorphisms and fixed points of ordered sets, *Algebra Universalis* **19** (1984) 366-369
- On the chromatic number of the product of graphs, *J Graph Theory* **9** (1985) 487-495 (B. Sands and R. E. Woodrow)
- Matching in modular lattices (Unsolved Problem Section), *Order* **1** (1985) 411-413
- Minimal k -saturated and color critical graphs of prescribed minimal degree, *J Graph Theory* **10** (1986) 55-67 (D. Hanson)
- Fixed points of products and the strong fixed point property, *Order* **4** (1987) 221-231 (N. Sauer)
- Lexicographic matchings cannot form Hamiltonian cycles, *Order* **5** (1988) 149-161 (B. Sands and R. Woodrow)
- Coloring chains, *Order* **6** (1989) 69-89 (R. Bonnet and R. Woodrow)
- Maximal chains and antichains in Boolean lattices, *SIAM Journal Discrete Math* **3** (1990) 197-205 (B. Sands and P. Winkler)
- Partitioning a power set into union-free classes, *Discrete Math* **88** (1991) 113-119 (M. Aigner and D. J. Kleitman)
- Two-colouring all two-element maximal antichains, *J Combin Theory Ser A* **57** (1991) 109-116 (B. Sands, N. Sauer and R. Woodrow)
- On the number of k -realizations of an ordered set, *Order* **7** (1990) 267-273 (P. Winkler)
- Fibres and ordered set coloring, *J Combin Th Ser A* **58** (1991) 158-164 (H. Kierstead and W. T. Trotter)
- Coloring ordered sets to avoid monochromatic maximal chains, *Canad J Math* **44** (1990) 91-103 (V. Rodl, B. Sands and R. Woodrow)
- Enumeration of order preserving maps, *Order* **9** (1992) 15-29 (V. Rodl, B. Sands and R. Woodrow)
- An explicit 1-factorization in the middle of the Boolean lattice, *J Combin Th Ser A* **65** (1994) 334-342 (H. Kierstead and H. Snevily)
- Shift graphs and lower bounds on Ramsey numbers $r_k(k+1; r)$, *Discrete Math* **137** (1995) 177-187 (H. Lefmann and V. Rodl)
- On the computational complexity of ordered subgraph recognition, *Random Structures Algorithms* **7** (1995) 223-268 (M. Ginn and V. Rodl)
- A categorical version of Hedetniemi's conjecture, *Discrete Math* **152** (1996) 125-139 (N.

Sauer)

Products of chains with monochromatic maximal chains and antichains, *Order* **13** (1996) 101-117 (T. Goddard)

The complexity of the fixed point property, *Order* **13** (1996) 209-218 (T. Goddard)

On endomorphisms of partially ordered sets, *Combin Probab and Comput* **7** (1998) 33-46 (T. Luczak, V. Rödl, A. Ruciński)

Biased positional games on hypergraphs, *Studia Sci Math Hung* **34** (1998) 141-149 (T. Luczak, V. Rödl)

An inequality for the sizes of prime filters of finite distributive lattices, *Discrete Math* **201** (1999) 89-99 (B. Sands)

An ordered set of size \aleph_1 with monochromatic maximal chains, *Order* **17** (2000) 227-238 (T. Goddard)

Minimum-sized fibres in distributive lattices, *J Aust Math Soc* **70** (2001) 337-350 (B. Sands)

Some progress on the Aharoni-Korman conjecture, *Discrete Math* **250** (2002) 79-91 (T. Goddard)

Distributive lattices with the splitting property, *Algebra Universalis* **49** (2003) 13-33 (B. Sands)

Splitting numbers of grids, *Electron J Combin* **12** (2005) R17: 31 pp. (B. Sands)

Chromatic numbers and graph products, *Discrete Math* **300** (2005) 91-99 (N. Sauer)

Chromatic numbers and homomorphisms of large girth hypergraphs , *Topics in Discrete Mathematics: Algorithms and Combinatorics* **26** (2006) 455-471 (V. Rödl, B. Sands and N. Sauer)

Antichains in the homomorphism order of graphs, *Comment Math Univ Carolin* **48** (2007) 571 - 583 (P.L. Erdős, J. Nešetřil and L. Soukup)

Retracts of posets: the chain-gap property and the selection property are independent, *Algebra Universalis* **59** (2008) 243 - 255 (C. Laflamme and M. Pouzet))

On the size of maximal chains and the number of pairwise disjoint maximal antichains, *Discrete Math* **310** (2010) 2883 - 2889 (Bill Sands)

Introductory life sciences mathematics and quantitative neuroscience courses, *CBE - Life Sciences Education* **9** (2010) 370 - 377 (Andrei Olifer)

Maximal independent sets in bipartite graphs obtained from Boolean lattices, *Europ J Combin* **32** (2011) 1 - 9 (P. Frankl and V. Rödl)

Some quotients of chain products are symmetric chain orders, *Electronic J Combinatorics* **19(2)** (2012) #P46 (J. McKibben-Sanders and K. Thayer)

Convex sublattices of a lattice and a fixed point property, *Contributions to Discrete Mathematics* **8(1)** (2013) 1 - 30 (C. Laflamme, M. Pouzet and R. E. Woodrow)

Maximal independent sets in the covering graph of the cube, *Discrete Appl Math* **161(9)** (2013) 1203 - 1208 (P. Frankl and V. Rödl)

Symmetric chain decompositions of quotients by wreath products *Electronic J Combinatorics* **22(2)**(2015) #P2.35 (Kyle Thayer)

The minimum number of edges in uniform hypergraps with Property O, *Combin. Probab. Comput.* **27** (2018) 531 - 538 (W. Kay and V. Rödl)

The width of downsets, *Eur. J. Combin.* **79** (2019) 46 - 59 (D. Howard and I. Leader)

Extremal problems for Boolean lattices and their quotients (extended abstract), *Proceedings ALGOS 2020* <https://algos2020.loria.fr/>

MANUSCRIPTS
IN PREPARATION

Automorphisms and endomorphisms of finite ordered sets (T. Luczak)

Interval covers of finite distributive lattices (Bill Sands)

Sunflowers in Boolean lattices (Tom Trotter)

OTHER
PUBLICATIONS

Matchings and Hamiltonian cycles in some families of symmetric graphs, *Emory University Mathematics and Computer Science Dept Reports* (1986)

Obituary: Ivan Rival, *Order* **20** (2004) 173-183

Review of E. Harzheim's *Ordered Sets*, *SIAM Review* **48** (2006) 160-163

Automorphisms and endomorphisms of ordered sets [extended abstract], Easychair Conference System, *Order, Algebra and Logics* 12-16 June 2007, Paper#91

INVITED
LECTURES

Algebras, Graphs and Ordered Sets (ALGOS) 2020 (August 2020): "Extremal problems for Boolean lattices and their quotients"

SIAM Discrete Mathematics Conference, Denver CO (June 2018): "The width of downsets in Boolean lattices"

The Beauty of Discrete Mathematics, The University of Montreal (October 2017): "The width of downsets"

BLAST 2017, Vanderbilt University, Nashville TN (August 2017): "Symmetry in quotients of partially ordered sets"

Department Colloquium - Georgia State University, Atlanta GA (April 2017): "Boolean lattices and chain products"

SIAM Discrete Mathematics Conference, Minneapolis MN (June 2014): “Symmetric chains in quotients of products and abelian quotients”

Paul Erdős Lecture Series - Erdős 101, The University of Memphis, Memphis TN (March 2014): “Symmetric chains in quotients of Boolean lattices”

AMS Fall Sectional Meeting, The University of Louisville, Louisville KY (October 2013): “Symmetric chains in quotients of chain products”

SIAM Discrete Mathematics Conference, Dalhousie University, Halifax Canada (June 2012): “Symmetric chain decompositions of quotients of chain products by wreath products”

AMS Fall Sectional Meeting, Wake Forest U (September 2011): “Quotients and symmetric chain decompositions”

SIAM Discrete Mathematics Conference, Austin TX (June 2010): “On the size of maximal chains and the number of pairwise disjoint maximal antichains”

2009 Clemson Mini-conference on Discrete Mathematics and Algorithms, Clemson SC (October 2009): “Maximal chains and antichains in finite partially ordered sets”

The 14th International Conference on Random Structures & Algorithms, Poznań, Poland (August 2009): “Twenty years of mathematics and life with Professor Rödl”

AMS Spring Sectional Meeting, U Illinois (March 2009): “Maximal independent sets in adjacent levels of the cube”

R. E. Woodrow 60th Birthday Conference, U Calgary (December 2008): “Maximal antichains and independent sets”

SIAM Discrete Mathematics Conference, U Vermont, Burlington VT (June 2008): “Maximal antichains in finite partially ordered sets”

International Conference on Order, Algebra and Logics, Vanderbilt University (June 2007): “Endomorphisms and automorphisms of ordered sets”

Mathematics Puzzles and Puzzling Mathematics, DIMACS, Rutgers (June 2007): “Maximal antichains in the hypercube and maximal independent sets in the middle two levels”

SIAM Discrete Mathematics Conference, U Victoria BC Canada (June 2006): “Endomorphisms and automorphisms of finite partially ordered sets” – Organizer of minisymposium: *Finite Partially Ordered Sets*

Workshop em Fundamentos da Ciência da Computação: Algoritmos Combinatórios e Estruturas Discretas, IMPA, Rio de Janeiro (April 2006): “Endomorphisms and automorphisms of ordered sets”

Workshop on Graphs, Morphisms and Applications, Centre de Recerca Matemàtica, UA Barcelona (September 2005): “Chromatic numbers and homomorphisms of large girth hypergraphs”

Tenth North Carolina Meeting on Graphs, Combinatorics and Computing, Appalachian

State University (April 2005)” “Combinatorial Problems in Lattice Theory”

Ninth Erdos Lecture, The University of Memphis (February 2005): “Endomorphisms and Automorphisms of Ordered Sets: Enumeration Problems”

Clemson University REU, Clemson (June 2004): “Chains and antichains in hypercubes”

SIAM Conference on Discrete Mathematics, Nashville (June 2004): “Order preserving maps and automorphisms of ordered sets”

CMS Winter Meeting, Special Session on Lattice Theory and Universal Algebra, Vancouver (December 2003): “A Lattice Theoretic Approach to Union-Closed Set Systems”

Workshop on Combinatorics, Algorithms and Applications, Ubatuba, Brazil (September 2003): “An Order Theoretic Approach to Union-Closed Set Systems”

Workshop on Combinatorics, Algorithms and Applications, Ubatuba, Brazil (September 2003): “Set Systems as Lattices”

MAA/SIAM Joint Meeting, Clemson University, Clemson (March 2003): “Splitting Numbers of Distributive Lattices and Grids”

IMPA Workshop on Combinatorics, IMPA, Rio de Janiero (March 2002): “Antichains and Fibres in Partially Ordered Sets”

AMS Winter Meeting, San Diego (January 2002): “Splitting Numbers of Distributive Lattices”

14th Cumberland Conference, Memphis State University (May 2001): “Antichains in Finite Distributive Lattices”

Horizons in Combinatorics, Vanderbilt University (May 2001): “Characertizing Distributive Lattices with the Splitting Property”

Workshop on Graph Colouring and Homomorphisms, Simon Fraser University (July 2000): “Birkhoff’s Conjecture for Homomorphisms of Ordered Sets”

Vanderbilt Ordered Set Workshop, Vanderbilt University (May 2000): “Lattices Arising in Hedetniemi’s Conjecture on Coloring Graph Products”

NSF 1999 DREI Program, Rutgers University (August 1999): “Maximal Chains and Antichains in Distributive Lattices”

Annual SIAM Conference; Minisymposium on Partially Ordered Sets, Atlanta (May 1999): “Frankl’s Conjecture, Distributive & Geometric Lattices”

AMS Special Session on Graphs and Combinatorics, Wake Forest University (October 1998): “Filter Sizes in Distributive Lattices”

11th Cumberland Conference, ETSU (May 1998): “Set Systems and Distributive Lattices”

AMS Special Session on Graph Theory, Memphis TN (March 1997): “Aharoni’s Conjecture

and Partially Ordered Sets”

AMS Special Session on Partially Ordered Sets, San Diego CA (January 1997): “Lattices Arising in Investigations of Hedetniemi’s Conjecture”

ORDAL, University of Ottawa (August 1996): “On the Complexity of the Fixed Point Property”

SIAM Discrete Mathematics Meeting Johns Hopkins University (June 1996): “Order Preserving Maps on Partially Ordered Sets: Enumeration Problems”

Conference on Modern Algebra and its Applications, Vanderbilt University (May 1996): “On the Complexity of the Fixed Point Property”

AMS Special Session on Ordered Structures, Greensboro NC (November 1995): “On the Complexity of Several Order Theoretic Problems”

Ninth Clemson Conference on Discrete Mathematics, Clemson University (September 1994): “The Complexity of Ordered Subgraph Recognition”

Research Day on Endomorphisms of Ordered Sets, University of Ottawa: “The Strong Fixed Point Property and Noncomplemented Lattices”

Sixth Cumberland Conference on Graph Theory and Computing Memphis, Memphis (May 1993): “Complexity Problems for Ordered Graphs and Ordered Sets”

Combinatorics and Ordered Sets Oberwolfach (October 1991): “On Partitioning all Maximal Chains of a Partially Ordered Set”

NATO Conference on Combinatorics, Logic and Set Theory Banff (April-May 1991): “Two-Coloring Ordered Sets to Avoid Monochromatic Maximal Chains”

Capitol City Conference on Combinatorics and Theoretical Computer Science, Washington DC (1989): “Cutsets and Fibres in

Second Cumberland Conference on Application of Graph Theory to Computer Science, Memphis TN (1989): “Partitioning Power Sets into Union-free Classes”

Combinatorics and Ordered Sets, Oberwolfach (1988): “Fibres in Boolean Algebras”

Algorithms and Order, University of Ottawa (NATO Institute 1987): “Matchings and Hamiltonian Cycles in Hypercubes” and “The Strong Fixed Point Property”

The Combinatorics of Ordered Sets Oberwolfach (1985): “Gap and Selection Properties for Ordered Sets”

Graphs and Order, Banff (1984): “The Role of Gaps in Order Theory”

Ordered Sets and Their Applications, Arbresle (1982): “Retracts of Finite Dimensional Lattices”

Symposium on Ordered Sets, Banff (1981): “Exponentiation of Ordered Sets”

The Combinatorics of Ordered Sets, Oberwolfach (1980): “Matching in Modular Lattices”

PROFESSIONAL
SERVICE
1990 - PRESENT

Editor-in-Chief *Order*: Research journal published by Springer [January 2007 – December 2015]

Editorial Board *Order* [1985–present]

Editor of memorial volume *Order* [2002–2004]

External Tenure and Promotion Reviews [1997–present]

NSF, NSERC, and/or NSA Grant Reviews [1991–present]

NSF Review Panel, *Mathematical Sciences and their Applications throughout the Curriculum* [Spring 1994]

Organizing Committee Co-chair for *Random Structures & Algorithms XIV* [2010-2011]

Program Committee member for *ROGICS 2008, First International Conference on Relations, Orders and Graphs: Interaction with Computer Science*, 12 - 15 May 2008, Mahdia, Tunisia

Organizing Committee member for *New Directions in Algorithms, Combinatorics and Optimization*, 5 - 9 May 2008, Atlanta GA

Organizing Committee Co-chair for *Random Structures & Algorithms VII* [1993–1995]

SIAM Annual Meeting and Discrete Mathematics Meetings, Minisymposium Organizer [1990, 2006]

DEPARTMENT
ADMINISTRATION
1991 - PRESENT

Discrete Mathematics Hiring Committee Chair [2018-present]

Undergraduate Committee [2013-present]

Ad Hoc Planning Committee Chair [2013-2014]

Discrete Mathematics Hiring Committee Chair [2013-2014]

Emory Mathematics Fellows Committee Chair [2011-2012]

N16 Faculty Hiring Committee [2008 - 2010]

N16 Emory Fellows Search Committee chair [2008-2009]

Acting Chair [1991-1992]; Chair [1992-2005]

Director of Graduate Studies [1991-1992]

Faculty Hiring Committee Chair [1992–2002; 2008-2009]

COLLEGE AND
UNIVERSITY
ADMINISTRATION
1991 - PRESENT

ECAS Committee on Curriculum, Assessment and Educational Policy [2017 - 2020]
ECAS Tenure and Promotion Committee [2016 - 2019]; Chair [2018 - 2019]
ECAS Faculty Senate [2015 - 2017]
ECFS Research, Scholarship and Creativity Working Group [2015 - 2016]
Emory College Governance Committee [2012-2015]
Steering Committee STEP Grant - Gateways to Success in Science, Mathematics and Computer Science [2011-2014]
Internal Review Committee, the Emory College Center for Mind, Brain and Culture [Fall 2011]; chair
Presidential Advisory Committee [2007 - 2010]
Emory College Ad Hoc Financial Advisory Committee [2008 - 2009]
Gustafson Seminar, faculty participant [Spring 2006 - Fall 2007]
Search Committee, Emory College Dean [Spring 1996–Spring 1997]
Search Committee, Vice-Provost, Information Technology Division [Spring 1998–1999]
Search Committee, Executive Vice President for Finance and Administration [2002–2003]
Search Committee, Emory University CIO [2004–2005]
Graduate School of Arts and Science, Executive Council [member 1997–2001 and 2005–2009; chair 1999–2001]
GSAS, Advisory Council [1996–2003]
GSAS, Physical, Materials and Computational Sciences Planning Group [Spring 1995–1999]
Emory College Education Abroad Committee [2008 – 2011]
Emory College Science 2000 Planning Group [1994–1999]
Building Committee *Mathematics & Science Center* [1999–2002]
Emory College Budget and Planning Committee [member 1991–1994; chair Spring 1991, Fall 1993]
Emory College Executive Committee [Fall 1993]
Emory College Tenure and Promotion Committee [1990–1993; Fall 1995; Spring 1998]
Emory College Task Force on Admissions and Financial Aid [1992–1993]
Emory College Curriculum Review Committee, chair of Quantitative Methods Subcommit-

tee [1994–1995]

Emory College Honors Ceremony speaker [Spring 1999]

Emory College Faculty Science Council, Executive Committee [member 1998–2003; 2004–present; chair 2002–2003]

Co-Chair, Department of Economics [1998–2000]

SACS Review Fiscal Review Subcommittee, Emory University [1991–1993]

Provost’s Committee on Statistics/Biostatistics at Emory University [1995–1997]

University Priorities Committee [advisory to the Provost], Emory University [1994–1999]

Advisory Board Member, *Academic Exchange* [1999–2002]

Council on Information Resources and Technology, Emory University [member 2000–2002; executive committee member 2000–2002]

Research at Emory Commission [2000–2003]

Faculty Counselor, Emory University Board of Trustees Investment Committee [2003–2006]

Faculty Council of Emory University [Presidential appointee] [2004–2005]

Future of the University Committee [*ad hoc* committee of the Faculty Council], Emory University [2003–2005]

Benefits Review Committee [*ad hoc* committee of the University Senate], Emory University [2003–2005]

DOCTORAL
STUDENTS

Miltos Gikas, *Fixed points and structural problems in ordered sets*, Emory University (Summer 1986)

David Robinson, *Combinatorics of subset and subspace lattices*, Emory University (Spring 1989)

Sylvia Williamson, *Fixed point properties and related conditions on ordered sets*, Emory University (Spring 1992)

Mark Ginn, *On the computational complexity of ordered subgraph recognition*, Emory University (Spring 1994 - co-advisor V. Rödl)

Ted Goddard, *Ordered sets: colorings and complexity*, Emory University (Spring 1996)

Michelle Wagner, *Derandomization of the Blow Up Lemma*, Emory University (Summer 1999 - co-advisor V. Rödl)

William Kay, *Extremal problems for graphs and hypergraphs*, Emory University (Spring 2017 - co-advisor V. Rödl)