0. Derek G. Corneil, Computer Science, University of Toronto, 1968
   Graph Isomorphism

1. Eshrat Arjomandi, Computer Science, University of Toronto, 1975
   A Study of Parallelism in Graph Theory

2. Grant Cheston, Computer Science, University of Toronto, 1976
   Incremental Algorithms in Graph Theory

3. Peter Gibbons, Computer Science, University of Toronto, 1976
   Computing Techniques for the Construction and Analysis of Block Designs
   co-supervisor: R. Mathon

4. Myra B. Cohen, Computer Science, University of Auckland, 2004
   Designing Test Suites for Software Interaction Testing
   co-supervisor: Warwick B. Mugridge

5. Xiao Qu, Computer Science & Engineering, University of Nebraska-Lincoln, 2010
   Configuration Aware Prioritization for Regression Testing

   Use of Constraint Solving for Testing Software Product Lines
   co-supervisor: Matthew B. Dwyer

7. Martin Tompa, Computer Science, University of Toronto, 1978
   Time-Space Tradeoffs for Straight-Line and Branching Programs
   co-supervisor: A. Borodin

   Efficient Algorithms for Multiple Access Channels
   co-supervisor: Richard Ladner

   Characterizations of Parallel Complexity Classes

10. John Muller, Computer Science, Georgia Institute of Technology, 1988
    Local Structure in Graph Classes

11. Rimli Sengupta, Computer Science, Georgia Institute of Technology, 1995

12. Subramanian Lakshmanan, Computer Science, Georgia Institute of Technology, 2004
    co-supervisor: Mustaque Ahamad

    Zero Knowledge Proofs and Secret Sharing Problems
    co-supervisor: Walter Larry Ruzzo

    Packet Routing in Multiprocessor Networks
|      | *Parallel Prefetching and Caching*  
|      | co-supervisor: Anna R. Karlin  
|      | *Search Algorithms for Biosequences Using Random Projection*  
| 17.  | **Yanni Sun**, Washington University in St. Louis, 2008  
|      | *Designing Filters for Fast Protein and RNA Annotation*  
| 18.  | **Arpith Jacob**, Washington University in St. Louis, 2010  
|      | *Parallelization of Dynamic Programming Recurrences in Computational Biology*  
|      | *Algorithms for Phylogenetic Footprinting*  
| 20.  | **Abdoulaye Biallo**, McGill University  
|      | *Inference of Insertions and Deletions for Ancestral Genome Reconstruction*  
|      | *Genome Rearrangement with Partially Assembled Genomes*  
| 22.  | **Dong Hyun Kim**, McGill University, 2012  
|      | *Deconvolution of PPI Networks: Approximation Algorithms and Optimization Techniques*  
|      | co-supervisor: Adrian Roshan Vetta  
|      | *Algorithms for Finding Regulatory Motifs in DNA Sequences*  
| 24.  | **Xin He**, University of Illinois at Urbana-Champaign  
|      | *Cis-Regulatory Evolution and Probabilistic Alignment*  
| 25.  | **Jaebum Kim**, University of Illinois at Urbana-Champaign  
|      | *Cis-Regulatory Evolution and Probabilistic Alignment*  
| 26.  | **Xu Ling**, University of Illinois at Urbana-Champaign  
|      | *Text Mining*  
| 27.  | **Majid Kazemian**, University of Illinois at Urbana-Champaign, 2012  
|      | *Cis-Regulatory Module Analysis: Inferring Regulatory Networks and Underlying Mechanisms*  
| 28.  | **Jin Kwak**, University of Illinois at Urbana-Champaign, 2012  
|      | *Computational Methods for Cancer Diagnosis and Prognosis from FT-IR Spectroscopy Data*  
|      | *Gapped Motif Discovery in Biosequences*  
|      | *Tools for Comparative Genomics and Proteomics*  
|      | co-supervisor: Benno Schwikowski  
| 31.  | **Nan Li**, Computer Science & Engineering, University of Washington, 2010  
|      | *AXES: a Workspace for Algorithmic Data-Mining of Electrophysiological Signals*  
|      | co-supervisor: Raimondo D’Ambrosio  

32. Xiaoyu Chen, Computer Science & Engineering, University of Washington, 2011
Computational Methods for Detecting Protein-binding Footprints and Assessing Multiple Genome Sequence Alignments
co-supervisor: William Stafford Noble

33. Charles Colbourn, Computer Science, University of Toronto, 1980
The Complexity of Graph Isomorphism and Related Problems

34. Aparna Ramanathan, Computer Science, University of Waterloo, 1986
Improving Bounds for All-Terminal Network Reliability

35. Ehab S. Elmallah, Computer Science, University of Waterloo, 1987
Decomposition and Embedding Problems for Restricted Networks

36. Chin (Alex) H. Lam, Computing Science, University of Alberta, 1995
Routing in Blocking and Non-blocking Multistage Networks for Parallel Systems

Admission Control of Delay Bounded Traffic

Non-bifurcated Routing and Scheduling in Wireless Mesh Networks

Resource Sharing and Reliability of Wireless Sensor Networks
co-supervisor: J. Harms

40. Wendy J. Myrvold, Computer Science, University of Waterloo, 1988
The Ally and Adversary Reconstruction Problems

41. John Boyer, Computer Science, University of Victoria, 2001
Simplified O(n) Algorithms for Planar Graph Embedding, Kuratowksi Subgraph Isolation and Related Problems

42. Sean Daugherty, Computer Science, University of Victoria, 2009
Independent Sets and Closed-Shell Independent Sets of Fullerenes

43. Aaron Williams, Computer Science, University of Victoria, 2009
Shift Gray Codes
co-supervisor: Frank Ruskey

44. Hosam M. F. AboElFotoh, Computer Science, University of Waterloo, 1988
Reliability of Radio Broadcast Networks: A Graph Theoretic Approach

45. Louis D. Nel, Computer Science, University of Waterloo, 1988
Network Reliability and Facility Location in Unreliable Networks

46. Anthony J. Gahlinger, Computer Science, University of Waterloo, 1990
Coherence and Satisfiability of Waveform Timing Specifications

47. David C. Bigelow, Pure Mathematics, University of Waterloo, 1990
Enclosings of Latin Squares and Triple Systems

48. Daryl D. Harms, Computing Science, Simon Fraser University, 1992
A Symbolic Algebra Environment for Research in Network Reliability
co-supervisor: A.L. Liestman

49. Violet R. Syrotiuk, Computer Science, University of Waterloo, 1992
Wang Tilings and Distributed Orientation on Torus Networks
co-supervisor: J.K. Pachl
50. **Andrew D. Myers**, Computer Science, University of Texas at Dallas, 2002  
   **Hybrid Media Access Control Techniques for Ad Hoc Wireless Networks**  
   co-supervisor: I. Chlamtac

51. **Kiran K. Vadde**, Computer Science, Arizona State University, 2005  
   **Network Protocols: Interactions and their Statistical Optimization**

52. **Minghao Cui**, Computer Science, Arizona State University, 2007  
   **Contention Resolution with Power Control in Wireless Medium Access**

   **Modelling and Monitoring Ad Hoc Networks**

54. **Suhaib A. Obeidat**, Computer Science, Arizona State University, 2008  
   **Cross-Layer Opportunistic Adaptation for Voice Communications over Wireless Ad Hoc Networks**

55. **Yuhan Moon**, Computer Science, Arizona State University, 2010  
   **Cooperative Multi-Channel MAC Protocols for Wireless Ad Hoc Networks**

56. **Kahkashan Shaukat**, Computer Science, Arizona State University, 2012  
   **Statistical Monitoring and Control of Locally Proactive Routing Protocols in MANETs**

   **Scheduled Medium Access Control in Mobile Ad Hoc Networks**  
   co-supervisor: C. J. Colbourn

58. **Doreen L. Erickson**, Computer Science, University of Waterloo, 1993  
   **Conflict-free Access to Parallel Memory Modules**

59. **Heidi J. Strayer**, Computer Science, University of Waterloo, 1995  
   **Bounding Flows, Distances and Reliability in Probabilistic Networks**

60. **Zhike Jiang**, Combinatorics and Optimization, University of Waterloo, 1995  
   **Rotational Steiner Triple Systems**

61. **Yeow Meng Chee**, Computer Science, University of Waterloo, 1996  
   **Turan-type Problems in Group Testing, Coding Theory and Cryptography**

62. **Son Hoang Dau**, School of Physical and Mathematical Sciences, Nanyang Technological University, 2012  
   **On Index Coding with Side Information**  
   co-supervisor: San Ling

63. **Liang Feng Zhang**, School of Physical and Mathematical Sciences, Nanyang Technological University, 2012  
   **A Study of Private Information Retrieval and Related Primitives**  
   co-supervisor: Huaxiong Wang

64. **Xingli Wang**, School of Physical and Mathematical Sciences, Nanyang Technological University, 2012  
   **Discrete-Geometric Functions Associated to Polyhedral Cones and Point Sets**  
   co-supervisor: Sinai Robins

65. **Han Mao Kiah**, School of Physical and Mathematical Sciences, Nanyang Technological University, 2013  
   **Reliable Communications over Power Lines through Coded Modulation Schemes**
Pairwise Balanced Designs and Related Codes
67. Robert P. Gallant, Combinatorics and Optimization, University of Waterloo, 1997
Tight Orthogonal Main Effect Plans
68. Robert A. Walker II, Computer Science, Arizona State University, 2005
Covering Arrays and Perfect Hash Families
69. Renée C. Bryce, Computer Science, Arizona State University, 2006
Algorithms for Covering Arrays
70. Dean S. Hoskins, Computer Science, Arizona State University, 2006
Covering Arrays and Optimal Designs
71. Toni R. Farley, Computer Science, Arizona State University, 2009
Network Reliability and Resilience
72. Peyman Nayeri, Computer Science, Arizona State University, 2011
Post-Optimization: Necessity Analysis for Combinatorial Arrays
co-supervisor: Goran Konjevod
73. Maurice M. Carey, Computer Science, Arizona State University, 2013
The Classification of Domain Concepts in Object-Oriented Systems
co-supervisor: Goran Konjevod
Scheduled Medium Access Control in Mobile Ad Hoc Networks
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74. Mark Keil, Computer Science, University of Toronto, 1983
Decomposing Polygons into Simpler Components
75. Tzvetalin Vassilev, Computer Science, University of Saskatchewan, 2005
Optimal Area Triangulation
76. Robin Dawes, Computer Science, University of Toronto, 1983
Constructions of Minimally k-connected Graphs
77. Fahir Ozer Ergincan, Computer Science, Queen’s University, 1994
Bus interconnection networks
78. Joe Peters, Computer Science, University of Toronto, 1983
Time-Accuracy Trade-offs for Hard Maximization Problems
co-supervisor: A. Borodin
79. David Peters, School of Computing Science, Simon Fraser University, 1995
Bounds for Communication Problems in Interconnection Networks under a Linear Cost Model
80. Peter Gvozdjak, School of Computing Science, Simon Fraser University, 2000
Modeling Communications in Low-Earth-Orbit Satellite Networks
81. Lorna Stewart, Computer Science, University of Toronto, 1985
Permutation Graph Structure and Algorithms
82. Ramesh Sankaranarayana, Computing Science, University of Alberta, 1994
Well-covered Graphs: Some New Sub-classes and Complexity Results
83. **Nesrine Abbas**, Computing Science, University of Alberta, 1995
   *Graph Clustering: Complexity, Sequential and Parallel Algorithms*

84. **David Morgan**, Computing Science, University of Alberta, 2006
   *Dynamic Adjacency Labelling Schemes*

   *Results on Set Representations of Graphs*

86. **Jim Diamond**, Computer Science, University of Toronto, 1986
   *Edge Deletion in Labelled Graphs*
   co-supervisor: A. Mendelzon

   *A Theory of Generalized Graph Colouring*

88. **Carl Hickman**, Mathematics and Statistics, Dalhousie University, 2001
   *Roots of Chromatic and Independence Polynomials*

   *Independence Polynomials of Circulant Graphs*

90. **Danielle Cox**, Mathematics and Statistics, Dalhousie University, 2013
   *On Network Reliability*

91. **Alan Wagner**, Computer Science, University of Toronto, 1987
   *Embedding Trees in the Hypercube*
   co-supervisor: E. Hehner

92. **Halsur Sreekantaswamy**, Computer Science, University of British Columbia, 1994
   *An Integrated Approach to Programming and Performance Modeling of Multicomputers*
   co-supervisor: Samuel Chanson

93. **Jan (Matt) B. Pedersen**, Computer Science, University of British Columbia, 2003
   *Multi-level Debugging of Parallel Message Passing Programs*

94. **Bradley Penoff**, Computer Science, University of British Columbia, 2011
   *Transport Level Features for Commodity Clusters*

95. **Humaira Kamal**, Computer Science, University of British Columbia, 2013
   *FG-MPI: Fine-Grain MPI*

96. **Hazel Everett**, Computer Science, University of Toronto, 1990
   *Visibility Graph Recognition*

97. **Laurent Dupont**, Université Nancy 2, 2004
   *Paramétrage quasi-optimal de l’intersection de deux quadriques : théorie, algorithme et implantation*
   co-supervisors: Sylvain Lazard and Sylvain Petitjean

98. **Xavier Goaoc**, Université Nancy 2, 2004
   *Structures de visibilité globales : taille, calcul et dégénérescences*
   co-supervisor: Sylvain Lazard

99. **Guillaume Batog**, Nancy Université, 2011
   *Problèmes classiques en vision par ordinateur et en géométrie algorithmique*
revisités via la géométrie des droites
co-supervisor: Sylvain Petitjean

100. **Marc Glisse**, Nancy Université, 2007
*Combinatoire des droites et segments pour la visibilité 3D*
co-supervisor: Sylvain Lazard

*Événements visuels de convexes et limites d’ombres*
co-supervisor: Xavier Goaoc

102. **Linquiao Zhang**, McGill University, 2009
*On the three-dimensional visibility skeleton: implementation and analysis*
co-supervisors: Sylvain Lazard and Sue Whitesides

103. **Faithful Cheah**, Computer Science, University of Toronto, 1990
*A Recognition Algorithm for II-graphs*

104. **Leizhen Cai**, Computer Science, University of Toronto, 1992
*Tree Spanners: Spanning Trees that Approximate Distances*

105. **Gara Pruesse**, Computer Science, University of Toronto, 1993
*Transposition Generation of the Basic Words of an Antimatroid*
co-supervisor: F. Ruskey, University of Victoria

106. **Mike Hutton**, Computer Science, University of Toronto, 1997
*Characterization and Parameterized Generation of Digital Circuits*
co-supervisor: J. Rose

107. **Paul Kearney**, Computer Science, University of Toronto, 1997
*The Relationship between a Phylogeny and its Ordinal Assertions*

108. **Mingchu Li**, Mathematics, University of Toronto, 1998
*Hamiltonian Properties of Claw-free Graphs*
co-supervisor: E. Mendelsohn

109. **David Neto**, Computer Science, University of Toronto, 1999
*Efficient Cluster Compensation for Lin-Kernighan Heuristics*

110. **Anna Bretscher**, Computer Science, University of Toronto, 2004
*LexBFS based Recognition Algorithms for Cographs and Related Families*

111. **Natasa Przulj**, Computer Science, University of Toronto, 2005
*Analyzing Large Biological Networks: Protein-protein Interaction Example*
co-supervisor: I. Jurisica

112. **Vesna Memisevic**, Computer Science, UC Irvine, 2010
*Uncovering Biological Knowledge from Network Structure*

113. **Oleksii Kuchaiev**, Computer Science, UC Irvine, 2010
*Modeling and Alignment of Biological Networks*

114. **Tijana Milenkovic**, Computer Science, UC Irvine, 2010
*From Topological Network Analyses and Alignments to Biological Function, Disease, and Evolution*

115. **Omer Yaveroglu**, Department of Computing, Imperial College London, 2014
*Graphlet Correlations for Network Comparison and Modelling: World Trade Network Example*
   *Uncovering Disease Associations via Integration of Biological Networks*

117. **Richard Krueger**, Computer Science, University of Toronto, 2005
   *Graph Searching*

118. **Marc Tedder**, Computer Science, University of Toronto, 2011
   *Applications of Lexicographic Breadth First Search to Modular Decomposition, Split Decomposition, and Circle Graphs*

119. **Yiannis Papoutsakis**, Computer Science, University of Toronto, 2012
   *Tree Spanners of Simple Graphs*

120. **Steven Chaplick**, Computer Science, University of Toronto, 2012
   *Path Graphs and PR-trees*

121. **Jérémie Dusart**, Université Paris, Diderot (Paris 7), 2014
   *Graph Searches with Applications to Cocomparability Graphs*
   co-supervisor: Michel Habib

This list was constructed by Lorna Stewart, with information supplied by many – thank you!
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