“A year of unprecedented growth and talent. We welcome the next wave of U of T computer science faculty. Together we will address and solve some of society’s most pressing challenges, building on our research strength and the collaborative approaches U of T is known for.”

Ravin Balakrishnan
Professor & Chair

Faculty Appointments
2017-18

SYED ISHTIAQUE AHMED
Assistant Professor
Department of Computer Science
- PhD, Stanford University
- Assistant Professor, Computer Science
December 2017

ALÁN ASPURU-GUZIK
Professor and Canada 150 Research Chair
Department of Chemistry
Department of Computer Science
- PhD, University of California, Berkeley
- Professor, University of Toronto
- Quantum information, Machine Learning and Robotics for Chemistry: Developing and employing machine learning and robotics tools to accelerate the discovery process of new molecules and materials; Developing quantum computing algorithms to improve our ability to simulate complex chemical processes on quantum computers.

JIMMY BA
Assistant Professor
Department of Computer Science
- PhD, University of Toronto
- Postdoc, Massachusetts Institute of Technology
- Deep learning and reinforcement learning: algorithms for neuromorphic computing, deep reinforcement learning, understanding neural networks.

FANNY CHEVALIER
Assistant Professor
Department of Computer Science
Department of Statistical Sciences
- PhD, Université de Bordeaux
- Postdoc, University of Toronto and OCAD U
- Data Visualization and Analytics: Developing tools for the interactive visual exploration of complex data structures, and custom interfaces.

TOVI GROSSMAN
Assistant Professor
Department of Computer Science
- PhD, University of Toronto
- Distinguished Research Scientist, Autodesk Research
- Human-Computer Interaction: Interaction, tutorials, 3D user interfaces, sketch-based animation.

MARZYEH GHASSEMI
Assistant Professor
Department of Computer Science
- PhD, Massachusetts Institute of Technology
- Postdoc, Massachusetts Institute of Technology
- Computational Medicine: Developing and applying machine learning algorithms towards prediction and stratification of relevant human risks.

HENRY YUEN
Assistant Professor
Department of Computer Science
Department of Mathematics
- PhD, Massachusetts Institute of Technology
- Postdoc, University of California, Berkeley
- Quantum Computing and Cryptography: Interactive protocols for quantum information processing, privacy and security in a quantum world, quantum complexity theory.

FAN LONG
Assistant Professor
Department of Computer Science
- PhD, Massachusetts Institute of Technology
- Software engineering, systems security.

ARVIND GUPTA
Professor
Department of Computer Science
- PhD, University of Toronto
- Theoretical Computer Science and Innovation Policy: Algorithmic bioinformatics, graph theory, models for innovation, high education policy, science and technology policies.

MURAT A. ERDOĞDU
Assistant Professor
Department of Computer Science
Department of Statistics
- PhD, Stanford
- Postdoc, Microsoft Research
- Machine Learning: Optimization algorithms for machine learning problems, high-dimensional statistics, graphical models.

YANG XU
Assistant Professor
Department of Computer Science
University College, Cognitive Science
- PhD, Carnegie Mellon University
- Postdoc, University of California, Berkeley
- Computational Cognitive Science: Language and cognition, word meaning, historical semantic change, cross-linguistic semantics, linguistic relativity, lexicon, probabilistic models, machine learning, computational linguistics.

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