

Newsletter June 2019 - May 2020

PROMOTIONS

- ◆ The Department congratulates Lea Popovic on her promotion to Full Professor as of June 1, 2019.
- ◆ Congratulation to Lisa Kakinami who has been granted tenure and promoted to Associate Professor effective June 1, 2019. As well, Lisa has been re-appointed as a Fellow of the Science College from June 1, 2019 to May 31, 2022.

HIRES

- ◆ The Department welcomes Simone Brugiapaglia as a tenure-track hire in Data Science effective August 1, 2019. Over the summer, Simone was awarded an *IMA (Institute of Mathematics and its Applications) Leslie Fox Prize* for Numerical Analysis.
- ◆ Congratulations to Dimiter Dryanov and Ildiko Pelczer who have been renewed for a 2nd year as LTAs effective May 15, 2019.
- ◆ Welcome to Tristan Freiberg, Elio Mazzeo, Nataliia Rossokhata who were hired in the position of LTA effective August 1, 2019. Dr. Rossokhata has previously been an LTA as well as a part-time instructor in the Department.
- ◆ Welcome to Bonnie Janicki who is the Interim Undergraduate Program Assistant.

DEPARTMENTAL NEWS

- ◆ Debbie Arless is back as Graduate Program Assistant after a year with the Student Success Centre. Many thanks to Carmen Buffone for her hard work and dedication while filling in for Debbie and learning the complex tasks involved in this job.
- ◆ Congratulation to Giovanni Rosso who received a 2020 *University Research Award*. This award carries the title of *Concordia University Research Fellow* for the Award in Category A – exceptional and highly-promising research achievement by an early-career faculty member who has demonstrated potential to assume a leadership role during the first five years at Concordia.
- ◆ Simone Brugiapaglia has been elected to serve on the Faculty Research Committee from June 1, 2020 to May 31, 2022.
- ◆ Yogen Chaubey has been elected to serve on the SGS Various Awards Committee from June 1, 2020 to May 31, 2022.

- ◆ Alina Stancu has been elected to serve on the NSERC Doctoral Committee and the NSERC Master's Committee from June 1, 2020 to May 31, 2022.
- ◆ Our Centre of Actuarial Excellence designation, awarded by the Society of Actuaries, was successfully renewed in 2019 for another 5 years. This designation promotes our Actuarial program, ensuring students that we provide an education above regular standards.
- ◆ Congratulations to Frédéric and his wife as they welcomed their second child – Philippe – on March 12th.
- ◆ *The Montreal Math Circle* is a joint project of Concordia's Department of Mathematics and Statistics. Two in-person sessions of 16 classes attracting at total of 50 students were held. The third session was cancelled due to the COVID pandemic.

STUDENT ACHIEVEMENTS

We are extremely proud of our student achievements. Congratulations to all!

Undergraduate Awards

- ◆ The *Arts and Science Dean's Scholar Awardees* for 2018-19 were given in fall 2019 to:
 - Ankur Banerjee (BA - Major Mathematics and Statistics, Minor Computer Science)
 - Ruben Calzadilla-Badra (BSc – Specialization Pure and Applied Mathematics)
 - Aileen Dela Cruz Galutira (BSc - Major Mathematics and Statistics, Minor Analytic Economics)
 - David Gray (BA - Joint Major Mathematics and Statistics and Computer Applications, Extended Credit Program)
 - David Hemmings (BSc - Specialization Mathematical and Computational Finance, Minor Computer Science)
 - Ali Kadum (BSc - Joint Major Mathematics and Statistics and Computer Applications)
 - Cesare Spinoso-Di Piano (BSc - Joint Major Mathematics and Statistics and Computer Applications)
- ◆ Cesare Spinoso-Di Piano (BSc - Joint Major Mathematics and Statistics and Computer Applications) was awarded the *Bank of Montreal Undergraduate Scholarship and Bursaries*.
- ◆ Recipients of *la Bourse d'études Hydro Québec de l'Université Concordia* are:
 - Leander Hewitt (BSc - Major Mathematics and Statistics)
 - Kyle McRae (BSc - Specialization Statistics (Co-op))
 - Anja Spasojevic (BSc - Joint Major Mathematics and Statistics and Computer Applications)
 - Stephanie Spina (BSc - Specialization Statistics (Co-op))
 - Rocco Trinci (BSc - Specialization Statistics (Co-op))
- ◆ Cameron Gallinger (BSc - Honours Pure and Applied Mathematics) was a recipient of the *Brenda Carter and David Wheeler Memorial Award*.
- ◆ Mathematics and Statistics students who had achieved a last annual grade point average (GPA) of at least 3.75 are on the 2019-20 *Dean's List*. Their names are published on:
<https://www.concordia.ca/artsci/about/awards.html#deanlist>
- ◆ A *Campaign for the New Millennium Scholarship* was awarded to Ruben Calzadilla-Badra (BSc – Specialization Pure and Applied Mathematics) and Yako Kato (BSc – Honours Pure and Applied Mathematics) for the second consecutive year.

- ◆ The *Chevalier-Demers Family Bursary* was awarded to Vicky Paquette (BSc - Specialization Actuarial Mathematics).
- ◆ Congratulations to Jacob Blair, Daniel Sylvestre, Catherine Dagenais-Roberge, and Ioannis Volakakis for winning the *2020 Munich Re Cup*. This national actuarial case competition provides an excellent opportunity for students to experience the challenge of solving complex real-world situations faced by the insurance industry. This is the third time in 6 years that our representatives win the competition.
- ◆ A *Concordia Shuffle Scholarship* was awarded to Anila Giang (BA - Specialization Actuarial Mathematics/ Finance (Co-op)) and Marco Mignacca (BSc - Specialization Pure and Applied Mathematics).
- ◆ Ankur Banerjee (BA - Major Mathematics and Statistics) received a *Concordia Staff-Endowed Scholarship Bursary*.
- ◆ The *Economical Insurance Award* is the highest-value undergraduate scholarship for actuarial students. Sophie Giubilaro (BA - Specialization Actuarial Mathematics/Finance).
- ◆ The *Harry and Grace Colle Scholarship* was awarded to Shuk-Yung Chan (BA - Specialization Actuarial Mathematics)
- ◆ Wasim Boughattas (BSc - Specialization Actuarial Mathematics (Co-op)) was awarded an *Irshad Family Entrance Bursary in Actuarial Mathematics*.
- ◆ Max Mehta (BSc - Specialization Actuarial Mathematics/ Finance (Co-op)) received the *John N. and Sophia Economides Scholarship in the Natural Sciences*.
- ◆ The *Laurie Brodrick Scholarship* was awarded to Amélie Lemay (BSc - Specialization Actuarial Mathematics)
- ◆ A *Loyola Foundation Inc. Entrance Scholarship* was awarded to Ethan Wong (BA – Honours Actuarial Mathematics).
- ◆ Bozhi Sun (BSc - Specialization Mathematical and Computational Finance) won the *Meyer Segal High School – Scholarship*.
- ◆ A *Nicolas Racz Memorial Scholarship* was awarded to Zi Jian Chen (BSc - Specialization Actuarial Mathematics/ Finance (Co-op)).
- ◆ Ryan Olianski (BA - Specialization Actuarial Mathematics) received a *Paccaya Award*.
- ◆ A *Peter Harasty Entrance Bursary* was awarded to Zayneb Mehdi (BSc - Specialization Statistics).
- ◆ The *Robert V. Tucker Memorial Award* is intended to encourage and reward promising full-time students Bachelor of Science program, with a Specialization in Actuarial Mathematics. Nailah Sheikh was the recipient of this award.
- ◆ Jieping Ding (BA - Joint Major Mathematics and Statistics and Computer Applications) received the *Roslyn and Harry Pinker Bursary*.
- ◆ The *T. D. Dwivedi and S. N. Mishra Statistics Scholarship* was awarded to William Ngo (BSc – Specialization in Statistics Co-op and a Minor in Computer Science). The scholarship was established and awarded this second time using proceeds from the Statistics 2011 Canada conference and other major contributions.

- ◆ Chad Levett (BA - Specialization Actuarial Mathematics/Finance) and Matel-Alexandru Ivanescu (BSc - Specialization Actuarial Mathematics) are recipients of the *Vincent, Olga, and Denis Nicolas-Diniacopoulos Scholarship*.
- ◆ The *Russell Breen Scholarship* was awarded to Ariane Sours (BSc - Major Mathematics and Statistics).

Graduate Awards

- ◆ Laura Broley (PhD - Mathematics) received the *Accelerator Award for 2019-20*.
- ◆ Devrim Turan (BSc - Honours Pure and Applied Mathematics) was a recipient of the *Brenda Carter and David Wheeler Memorial Award*.
- ◆ A *Carolyn and Richard Renaud Graduate Teaching Assistantship* was given to Sofia Tarricone (PhD – Mathematics Physics). Sofia was also awarded a Concordia International Tuition Award of Excellence.
- ◆ A *Concordia International Tuition Award of Excellence* was awarded to PhD students:
 - Kehinde Ajibade (Statistics)
 - Debopriya Basu (Statistics)
 - Marta Benozzo (ALGANT)
 - Meraj Hosseini (Analysis)
 - Emanuel Osei Mireku (Actuarial & Financial Mathematics)
 - Aparna Rajput (Applied Mathematics)
 - Sofia Tarricone (Mathematical Physics)
 - Jim van der Valk Bouman (ALGANT)
- ◆ A *Concordia Merit Scholarship* was awarded to Habib Alizadeh (MSc - Number Theory – ALGANT student), Martin Čech (PhD – Number Theory), Arihant Jain (MSc - Number Theory), Chun Ho Lau (PhD – Analysis), and Neha Nanda (MSc – Number Theory).
- ◆ Martin Čech (PhD – Number Theory), Behrooz Falahat (PhD – Analysis), Hassan Harb (Mathematical Physics), Chun Ho Lau (PhD – Analysis), Shayeef Murshid (PhD – Number Theory), and Ju-Feng Wu (PhD – Number Theory) received a *Concordia University Graduate Fellowship*. Ju-Feng also received a *Concordia International Tuition Award of Excellence*.
- ◆ The *Faculty of Arts and Science (FAS) Graduate Fellowships* were awarded to:
 - MSc students
 - Marta Benozzo (ALGANT)
 - Zinatu Ibrahim (Actuarial & Financial Mathematics)
 - Lingfeng Lu (Analysis)
 - Neha Nanda (Number Theory)
 - Dhruva Rasesh Kelkar (ALGANT)
 - Qianyi Zhao (Actuarial & Financial Mathematics).
 - PhD students
 - Martin Cech (PhD – Number Theory)
 - Ramin Eghbalzadeh (Actuarial Mathematics)
 - Behrooz Falahat (Analysis)
 - Hassan Harb (Mathematical Physics)
 - Aparna Rajput (Dynamical Systems)
 - Ju-Feng Wu (Number Theory)

- ◆ David Ayotte, a newly admitted PhD student in 2019-20, received an *FRQNT (Fonds de recherche du Québec Nature et Technologies) Doctoral Fellowship*. His area of research is Number Theory and he will be supervised by Giovanni Rosso.
- ◆ Alexandre Carbonneau (PhD – Actuarial and Financial Mathematics) - won the *Jacques Goulet Graduate Scholarship in Actuarial Mathematics 2019-20*.
- ◆ The University selected newly admitted student Emily Wright (MSc – Mathematical Finance) and Oliver Russell (MSc – Probability) to be recipients of an *NSERC (Natural Sciences and Engineering Research Council of Canada) Canada Graduate Scholarship (CGS) Master's awards*. Oliver also received a *Concordia University Graduate Doctoral Fellowship*.
- ◆ The *Nick Herscovics Memorial Scholarship* for 2019-20 was given to Dalia El-Farawi (MSc – Mathematics Education).
- ◆ Mehrad Alavipour (MSc - Mathematical Physics) was given an *Out-Of-Province Fee Remission*.
- ◆ The *Power Corporation of Canada Graduate Award* was given to Qianyi Zhao (MSc - Actuarial and Financial Mathematics).