

**CONVOCATION  
COLLATION DES GRADES**

**2022**

*fall  
automne*



**McGill**

**FALL / AUTOMNE**

OCTOBER 26 / 26 OCTOBRE 2022 - 10 AM / 10 H



# FACULTIES FACULTÉS

**Faculty of Dental Medicine  
and Oral Health Sciences**

**Faculty of Engineering:**

Peter Guo-hua Fu School of  
Architecture  
School of Urban Planning

**Faculty of Medicine and  
Health Sciences:**

Ingram School of Nursing  
School of Communication Sciences  
& Disorders  
School of Physical & Occupational  
Therapy  
School of Population & Global Health  
School of Biomedical Sciences

**Faculty of Science:**

Bieler School of Environment  
School of Computer Science

**School of Continuing Studies**

**Faculté de médecine dentaire  
et des sciences de la santé orale**

**Faculté de génie :**

École d'architecture Peter Guo-hua Fu  
École d'urbanisme

**Faculté de médecine et des  
sciences de la santé :**

École de sciences infirmières Ingram  
École des sciences de la communication  
humaine  
École de physiothérapie et  
d'ergothérapie  
École de santé des populations et  
de santé mondiale  
École des sciences biomédicales

**Faculté de sciences :**

École de l'environnement Bieler  
École d'informatique

**École d'éducation permanente**





# OFFICERS OF CONVOCATION

## DIGNITAIRES DE LA COLLATION DES GRADES

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**CHEFS DU PROTOCOLE**

Professeur Brendan Gillon  
Professeure Edith Zorychta





## PRINCIPAL'S MESSAGE MESSAGE DU PRINCIPAL

**C**ongratulations to our newest alumni! I am delighted to join you in celebration of your convocation.

Arriving at this milestone was no small feat; it required great diligence, determination, and resilience. This has been especially true over the last few years, as you have adapted to the many challenges of the pandemic. All of us at McGill are so proud of the strength and agility that you have shown. We must also thank everyone who has helped you get where you are today. This is a significant moment for them as well.

I trust that McGill has provided you with the capacity to dive deeper, the skills to take on future challenges, and many opportunities that have opened doors. Please continue nurturing your curiosity and passion for learning; doing so will undoubtedly serve you well in a rapidly evolving world.

Today, you join a network of more than 300,000 people from more than 185 countries connected through their alma mater. McGill's alumni are committed to applying their knowledge and skills to make the world a better place. As you begin a new chapter in your lives, I hope that you are bringing with you many fond memories and friendships that will last a lifetime. I look forward to hearing where the future takes you, please keep in touch!

PROFESSOR CHRISTOPHER P. MANFREDI

**F**élicitations à nos nouveaux diplômés! Je suis ravi de me joindre à vous en ce jour de collation des grades.

L'obtention de votre diplôme est un exploit digne de mention qui témoigne de votre ardeur au travail, de votre détermination et de votre résilience. Cet exploit est d'autant plus méritoire qu'au cours des dernières années, vous avez dû composer avec les aléas de la pandémie. Votre ténacité et votre capacité d'adaptation vous honorent : la grande famille mcgilloise est fière de vous. Permettez-moi, par ailleurs, de remercier les personnes qui ont été à vos côtés tout au long de vos études. C'est un jour important pour elles également.

J'espère que l'Université McGill vous a donné la capacité d'aller au fond des choses, les compétences qu'il faut pour relever les plus grands défis et les possibilités qui vous ont ouvert les portes de votre avenir. De grâce, continuez de cultiver votre curiosité et votre passion du savoir : elles seront très certainement des plus précieuses dans notre monde en perpétuel changement.

Vous rejoignez aujourd'hui un réseau de plus de 300 000 personnes réparties dans au-delà de 185 pays, toutes unies par une même alma mater. Les diplômés de l'Université McGill ont à cœur de mettre leur savoir et leurs compétences au service d'un monde meilleur. J'espère que vous entamez ce nouveau chapitre de votre vie la tête remplie de souvenirs heureux et le cœur riche d'amitiés impérissables. Je suis impatient de voir où l'avenir vous mènera, alors donnez de vos nouvelles!

PROFESSEUR CHRISTOPHER P. MANFREDI



HONORARY DEGREE OF  
**DOCTOR OF  
SCIENCE**

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**DOCTORAT ÈS  
SCIENCES**  
*HONORIS CAUSA*





## STEPHEN ALAN EMTAGE

**B.Sc., M.Sc. (McGill University)**

**B. Sc., M. Sc. (Université McGill)**

**S**tephen Alan Emtage came to McGill in 1983 from his native Barbados as an undergraduate scholarship student. When he left the University, he had not only earned two degrees, but had established himself as one of the pioneering innovators of the Internet age.

Although the Internet was still largely in its infancy, there were already millions of files hosted on servers around the world. The problem, Mr. Emtage realized, was the absence of a simple way to quickly explore this growing wealth of information. He came up with the idea to index the Internet and created *Archie*—which we now recognize as the world’s first search engine.

After graduation, Mr. Emtage and Mr. Peter J. Deutsch cofounded *Bunyip Information Systems, Inc.*, the world’s first company dedicated to Internet information services. He went on to play a leading role in the evolution of Web technologies.

Mr. Emtage has also proven himself a visionary when it comes to realizing the Internet’s potential to advance social good. In the 1990s, his Web development company, *Mediapolis* while primarily working for a range of clients from startups to multinational corporations, dedicated significant resources, free of charge, enabling most of the major LGBT organizations in the United States to create and maintain an Internet presence.

In 2017, Stephen Alan Emtage became the first Barbadian, and the first person from the Caribbean, inducted into the Internet Hall of Fame.

**S**tephen Alan Emtage est débarqué à McGill en 1983 après avoir quitté sa Barbade natale pour faire ses études de premier cycle universitaire. Lorsqu’il a quitté l’Université, il avait certes obtenu deux diplômes universitaires, mais aussi il s’était imposé comme l’un des pionniers de l’innovation de l’ère Internet.

À l’époque, même si Internet en était à ses tout premiers balbutiements, des millions de fichiers se trouvaient déjà hébergés sur des serveurs dans le monde entier. C’est M. Emtage lui-même qui a soulevé l’absence d’un moyen simple d’explorer rapidement cette richesse croissante d’informations. L’idée lui est venue d’indexer Internet et de créer *Archie*, soit le premier moteur de recherche au monde que nous reconnaissons maintenant.

Après avoir obtenu son diplôme, M. Emtage et M. Peter J. Deutsch ont cofondé *Bunyip Information Systems, Inc.*, la première société au monde dédiée aux services d’information sur Internet. Il a ensuite joué un rôle prépondérant dans l’évolution des technologies Web.

M. Emtage s’est également révélé un visionnaire en ce qui concerne la réalisation du potentiel d’Internet pour faire progresser le bien social. Dans les années 1990, bien que sa société de développement *Web Mediapolis* travaillait principalement avec un vaste éventail de clients allant des entreprises en démarrage aux multinationales, des ressources importantes et gratuites ont été consacrées à de grandes organisations LGBT aux États-Unis pour leur permettre d’être présentes sur la Toile.

En 2017, Stephen Alan Emtage est devenu le premier Barbadien, et même la première personne des Caraïbes, intronisé au Temple de la renommée d’Internet.



## MESSAGE FROM THE PRESIDENT OF THE M.A.A. MESSAGE DU PRÉSIDENT DE L'A.D.M.

**D**ear Members of the Class of 2022,  
Congratulations on reaching this important milestone in your academic journey. I hope you feel tremendous pride in having overcome the unexpected disruptions of recent times and persevered through your studies.

My own time at McGill exposed me to a diverse community of students and educators, and opened my mind to a variety of views, a time I look back upon fondly. As you start your next chapter, I hope that you remain an active participant in your future, where you continue to seize opportunities for growth and the achievement of your goals, through the knowledge, skills and values I believe you gained from your time at McGill University.

Congratulations again on becoming a member of the McGill Alumni Association.

JOEY ODMAN, B.ENG.'11

*With 300,000 alumni around the globe, McGill is always nearby. Keep connected to classmates, a mentor or future employer at [McGillConnect.ca](https://mcgillconnect.ca)*

**C**hers diplômés de la promotion de 2022,  
Félicitations! Vous venez de franchir une étape importante de votre parcours universitaire. J'espère que vous êtes fiers d'avoir surmonté les difficultés imprévues auxquelles nous avons récemment fait face et d'avoir fait preuve de persévérance dans vos études.

Mon passage à McGill m'a fait découvrir une communauté diversifiée d'étudiants et d'enseignants, et m'a ouvert de nouvelles perspectives. J'en garde de précieux souvenirs. À l'heure où vous vous apprêtez à écrire un nouveau chapitre de votre vie, j'espère que vous continuerez de participer activement à votre avenir et de saisir les occasions de progresser et d'atteindre vos objectifs grâce aux connaissances, aux compétences et aux valeurs acquises au cours de votre passage à l'Université McGill.

Je vous félicite de nouveau pour votre adhésion à l'Association des diplômés de McGill.

JOEY ODMAN, B. ING. 2011

*Grâce à son réseau de 300 000 diplômés aux quatre coins de la planète, McGill n'est jamais loin. Trouvez vos futurs collègues, employeurs ou mentors sur le portail [McGillConnect.ca](https://mcgillconnect.ca).*



## WORDS OF ADVICE FROM OUR ALUMNI

### DES CONSEILS DE NOS DIPLÔMÉS

**B**efore moving to Canada to attend McGill University, Joey was living as an expat in the UAE. Following his degree in Mechanical Engineering, he completed GE's leadership program across Canada, the US and the UK. Today, he works for Rio Tinto's Strategy & Investment Analysis team in Montreal.

**Q: What is your best memory of McGill?**

**A:** *Without a doubt the camaraderie we shared in the faculty. With students coming from every corner of the world, it was amazing to see that, come crunch time, we all supported one another.*

**Q: What words of advice do you offer to the graduating class?**

**A:** *Your degree is only an entry ticket into your first post-grad endeavour. What will accompany you throughout your career and take you to new heights, is the impression you leave on others.*

**Q: Complete this sentence: As a McGill graduate...**

**A:** *No task is unachievable; you have been proving this for the last four years!*

JOEY KAIRALA, B.ENG. '15

Your McGill network is always nearby at [McGillConnect.ca](https://mcgillconnect.ca).

**A**vant de s'installer au Canada pour étudier à l'Université McGill, Joey était expatrié aux Émirats arabes unis. Après l'obtention de son diplôme en génie mécanique, il a suivi le programme de leadership de GE au Canada, aux États-Unis et au Royaume-Uni. Aujourd'hui, il travaille au sein de l'équipe responsable de la stratégie et de l'analyse des investissements de Rio Tinto, à Montréal.

**Q: Quel est votre plus beau souvenir de McGill?**

**R:** *Je dirais sans hésiter que c'est l'esprit de camaraderie qui régnait à la Faculté. Il y avait des étudiants des quatre coins du monde, et dans les moments les plus intenses, nous nous soutenions vraiment les uns les autres.*

**Q: Quel conseil donneriez-vous aux nouveaux diplômés**

**R:** *Votre diplôme ne vous donnera accès qu'à votre premier projet après vos études. C'est l'impression que vous produirez sur les autres qui vous suivra tout au long de votre carrière et vous propulsera vers de nouveaux sommets.*

**Q: Terminez la phrase suivante : En tant que diplômé de McGill...?**

**R:** *Rien n'est impossible; vous en avez fait la preuve durant les quatre dernières années!*

JOEY KAIRALA, B. ING. 2015

Votre réseau mcgillois est à votre portée à [McGillConnect.ca](https://mcgillconnect.ca).







## **PHIL GOLD, C.C., G.O.Q., F.R.C.P.(C), F.R.S.C., M.A.C.P.**

**B.Sc., MD.CM., M.Sc., Ph.D. (McGill University)**

**B. Sc., MD.CM., M. Sc., Ph. D. (Université McGill)**

**O**ver the course of his more than 60-year career at McGill, from his time as an undergraduate until his retirement last year, Professor Phil Gold distinguished himself as an extraordinary teacher, researcher, mentor, and leader.

McGill has a long, storied history of medical research breakthroughs—so it is no small praise to say that Dr. Gold’s discovery of the carcinoembryonic antigen (CEA) protein, a reliable indication of the presence of cancer, ranks among the greatest. The resulting CEA blood test remains the world’s most frequently used test for the diagnosis and management of cancer. In 1978, Dr. Gold became the inaugural director of the McGill Cancer Centre, which would evolve into the first university-based Department of Oncology in North America, and now includes the world-class Rosalind and Morris Goodman Cancer Research Centre.

As a teacher and mentor, he inspired, guided and supported generations of scholars, physician scientists and discovery-researchers, making sure every individual had the tools necessary to reach their goals. During his decades as a physician at the Montreal General Hospital, he treated his patients with that same respect and attention, from his early days as a Junior Assistant to his tenure as Physician-in-Chief.

Known for always meeting a grimace with a smile, Phil Gold built a reputation for kindness, caring, generosity and humility—and for approaching every situation with four simple, yet sincere, words: “How can I help?”

**D**epuis ses débuts comme jeune étudiant jusqu’à sa retraite l’an dernier, le Professeur Phil Gold compte plus de 60 ans de carrière à McGill au cours de laquelle il s’est distingué en tant qu’enseignant, chercheur, mentor et leader extraordinaire

Entre autres, il a découvert l’antigène carcinoembryonnaire (ACE), une protéine qui indique avec fiabilité la présence d’un cancer. McGill étant forte d’une longue et riche histoire de percées médicales, la découverte du Dr Gold figure en outre parmi les plus importantes, ce qui constitue toute une réussite. L’analyse sanguine pour mesurer l’ACE est non seulement devenue le premier test pour détecter le cancer, mais il demeure le test le plus fréquemment utilisé au monde pour le diagnostic et la prise en charge du cancer. En 1978, le Dr Gold est devenu le premier directeur du Centre de cancérologie de McGill, lequel est éventuellement devenu le premier département d’oncologie universitaire en Amérique du Nord, et comprend aujourd’hui le Centre de recherche sur le cancer Rosalind et Morris Goodman.

En tant qu’enseignant et mentor, il a inspiré, guidé et soutenu des générations de chercheurs, de médecins scientifiques et de chercheurs axés sur la découverte, s’assurant que chacun disposait des outils nécessaires pour atteindre ses objectifs. Il a traité ses patients avec tout autant de respect et d’attention à l’Hôpital général de Montréal où il a été médecin des dizaines d’années durant, d’abord comme jeune assistant pour devenir ensuite médecin en chef.

Tout sourire devant l’adversité, la réputation du Phil Gold repose sur sa gentillesse, son empathie, sa générosité et son humilité — ainsi que pour aborder chaque situation avec quatre mots simples, mais sincères : « Comment puis-je aider? »



ORDER OF  
**CEREMONY**

DÉROULEMENT DE LA  
**CÉRÉMONIE**



★ **PRESIDING**

The Chancellor Emeritus

★ **MUSICAL PRELUDE**

Please remain seated during the prelude.

★ **CEREMONIAL PROCESSION**

The musicians will signal the arrival of the Chancellor and other members of the platform party. Please rise and remain standing until after the singing of the University Song.

Members of the ceremonial procession will include, depending on the circumstances:

Marshals

Faculty members

Members of the University Senate

Members of the Board of Governors

Honorary degree Candidate

Award winners

Secretary-General

Registrar

Provost and Vice-Principal Academic

Chair of the Board of Governors

Principal and Vice-Chancellor

Chancellor

★ **THE UNIVERSITY SONG**

Hail! Alma Mater

Hail! Alma Mater, we sing to thy praise;

Loud in thy honour our voices we raise.

Long through the ages remain, if God will,

Queen of the Colleges, dear old McGill.

★ **LAND ACKNOWLEDGEMENT**

★ **CHANCELLOR EMERITUS ADDRESS**

The Honourable Michael A. Meighen

★ **INTERIM PRINCIPAL'S ADDRESS**

Professor Christopher P. Manfredi

★ **PRÉSIDENCE**

Le chancelier émérite

★ **PRÉLUDE MUSICAL**

Veuillez demeurer assis pendant le préluide.

★ **CORTÈGE D'HONNEUR**

Les musiciens annonceront l'entrée du chancelier et des autres membres du cortège d'honneur. Veuillez vous lever et demeurer debout jusqu'à la fin de l'hymne de l'Université.

Selon les circonstances, le cortège d'honneur sera composé des personnes suivantes :

Les chefs du protocole

Les membres du corps professoral

Les membres du Sénat de l'Université

Les membres du Conseil des gouverneurs

Les récipiendaires d'un doctorat

*honoris causa*

Les lauréats d'un prix

La secrétaire générale

La registraire

Le vice-principal exécutif et vice-principal aux études

Le président du Conseil des gouverneurs

La principale et vice-chancelière

Le chancelier

★ **L'HYMNE DE L'UNIVERSITÉ**

Hail! Alma Mater

Hail! Alma Mater, we sing to thy praise;

Loud in thy honour our voices we raise.

Long through the ages remain, if God will,

Queen of the Colleges, dear old McGill.

★ **RECONNAISSANCE DES TERRES**

★ **DISCOURS DU CHANCELLIER ÉMÉRITE**

L'honorable Michael A. Meighen

★ **DISCOURS DU PRINCIPAL INTÉRIM**

Professeur Christopher P. Manfredi





★ **PRESENTATION OF THE MORTY YALOVSKY LIFETIME ACHIEVEMENT AWARD FOR EXCELLENCE IN ACADEMIC LEADERSHIP**

Dr. Samuel Benaroya, F.R.C.P. (C)  
*Faculty of Medicine & Health Sciences*  
Introduced by:  
Professor Angela Campbell, *Co-Acting-Provost & Vice-Principal Academic*

★ **PRESENTATION OF THE MCGILL UNIVERSITY MEDAL FOR EXCEPTIONAL ACADEMIC ACHIEVEMENT**

Dr. Phil Gold, C.C., G.O.Q., F.R.C.P. (C),  
F.R.S.C., M.A.C.P.  
*Faculty of Medicine & Health Sciences*  
Introduced by:  
Professor David Eidelman, *Dean*  
*Faculty of Medicine & Health Sciences*

★ **CONFERRING OF HONORARY DEGREE Doctor of Science, *honoris causa***

Mr. Stephen Alan Emtage  
Introduced by:  
Professor Bruce Lennox, *Dean*  
*Faculty of Science*  
Hooded by:  
Professor Paul Kry  
*School of Computer Science*

★ **CONVOCATION ADDRESS**

Dr. Stephen Alan Emtage

★ **CONFERRING OF DEGREES**

Professor Angela Campbell

★ **CONFIRMATION OF DEGREES**

The Chancellor Emeritus

★ **CLOSING REMARKS**

The Secretary-General

★ **REMISE DU PRIX D'EXCELLENCE MORTY YALOVSKY POUR L'ENSEMBLE DES RÉALISATIONS EN ENSEIGNEMENT**

D<sup>r</sup> Samuel Benaroya, F.R.C.P. (C)  
*Faculté de médecine et des sciences de la santé*  
Présenté par :  
Professeure Angela Campbell, *Co-vice principaux exécutifs et vice-principaux aux études par intérim*

★ **REMISE DE LA MÉDAILLE DE L'UNIVERSITÉ MCGILL POUR RÉALISATIONS UNIVERSITAIRES EXCEPTIONNELLES**

D<sup>r</sup> Phil Gold, C.C., G.O.Q., F.R.C.P. (C),  
F.R.S.C., M.A.C.P.  
*Faculté de médecine et des sciences de la santé*  
Présenté par :  
Professeur David Eidelman, *Doyen*  
*Faculté de médecine et des sciences de la santé*

★ **REMISE D'UN DOCTORAT *HONORIS CAUSA* Doctorat ès sciences *honoris causa***

M. Stephen Alan Emtage  
Présenté par :  
Professeur Bruce Lennox, *Doyen*  
*Faculté de science*  
Revêtue de l'építoge par :  
Professeur Paul Kry  
*École d'informatique*

★ **ALLOCUTION DE CIRCONSTANCE**

M. Stephen Alan Emtage

★ **REMISE DES DIPLÔMES**

Professeure Angela Campbell

★ **CONFIRMATION DES DIPLÔMES**

Le Chancelier émérite

★ **MOT DE LA FIN**

La secrétaire générale







★ **NATIONAL ANTHEM**

O Canada! Our home and native land!  
True patriot love in all of us command.  
With glowing hearts we see thee rise,  
The True North strong and free!  
Ton histoire est une épopée des plus  
brillants exploits.  
Et ta valeur, de foi trempée,  
Protégera nos foyers et nos droits.  
O Canada, we stand on guard for thee.

★ **CONCLUSION**

Members of the audience are requested  
to remain at their seats until the  
members of the platform party and the  
graduates have recessed.

★ **HYMNE NATIONAL**

O Canada! Our home and native land!  
True patriot love in all of us command.  
With glowing hearts we see thee rise,  
The True North strong and free!  
Ton histoire est une épopée des plus  
brillants exploits.  
Et ta valeur, de foi trempée,  
Protégera nos foyers et nos droits.  
O Canada, we stand on guard for thee.

★ **FIN**

Les membres de l'assistance sont priés  
de demeurer à leur place jusqu'à ce que le  
cortège d'honneur et les diplômés aient quitté  
la salle.





# GRADUATES

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# DIPLÔMÉS

*McGill University's Convocation program is not an official record of graduation. The list of graduates is subject to final audit of degree requirements.*

*Le programme de la Collation des grades de l'Université McGill ne constitue pas une preuve officielle de l'obtention d'un diplôme. La liste des diplômés est assujettie à une vérification finale des exigences liées au diplôme.*

# SCHOOL OF CONTINUING STUDIES

## L'ÉCOLE D'ÉDUCATION PERMANENTE

PROFESSOR CAROLA WEIL, DEAN

### GRADUATE DIPLOMA IN LEGAL TRANSLATION

Christopher Cyr

### GRADUATE CERTIFICATE IN HEALTH SERVICES MANAGEMENT

Emilie Antaya  
Hélène Bacha  
Rosalynn Bautista  
Melanie Bazin  
Jesse Burns  
Stamoulis Conidaris  
Lidia Cosencova  
Noel Dowell  
Anne-Sophie Dubois  
Cristina Forlini  
Lise Gagnon  
Alison Anne Jung  
Véronique Laurier  
Marie-Eve Leblanc  
Guillaume Marcille  
Cordelia McNeal  
Annabelle Nam  
Giuseppe Paziienza  
Claudiane Poisson  
Muriel Sabbag  
Anique Thibault  
Rebecca Thorne

### DIPLOMA IN ACCOUNTING

Khalil Charara  
Dani Duraizi  
Audette Michael  
Thi Tuong Vy Ngo  
Yannick Marvin Noukoua Noukoua  
Wassima Nukari  
Prabina Pradhan  
Dan Qi  
Miguel Rodriguez  
Juan Tang  
Diego Ubago Costa  
Qinhua You  
Fan Yu

### DIPLOMA IN APPLIED MARKETING

Enza-Elena Arcobelli  
Ekta Bagaria  
Ritika Bakshi  
Victoire Bastok  
Eve-Lyne Bertrand  
Tetiana Brandt  
Cécile Cabrol  
Eloïse Chauvière  
Michelle Collette  
Fanny Danten  
Louis Dollez  
Rayan El Rachidi  
Honorine Filleau

Daniela Garcia Ordonez  
Elias Gemayel  
Racha Haddad  
Naya Hilal  
Mamoun Jamaï  
Lorena Jеufroy Valla  
El-Mostafa Khbaz  
Alyssia Mastantuono  
Léonore Pelé  
Victoire Perrin  
Florian Pion  
Linda Raftlova  
Mahery Ralison  
Julie Sarret  
Alexandra Soun  
Frédérique T. St-Pierre  
Eliana Stratica-Mihail  
Anoosha Tehrani-Moayed  
Ryan Thompson  
Simon Vural  
Yelin Wang

### DIPLOMA IN ENTREPRENEURSHIP

Quentin Bailly  
Célian Chesnoy  
Louise Desbouvries  
Julie Hoffmeister  
Aurélia Jauffrineau  
Saachi Juneja  
Cyrine Koubaa  
Hyacinte Lemieux  
Thomas Pollet  
Juliette Renard  
Matthieu Rozé  
Jan Sahagun Escosa

### DIPLOMA IN HUMAN RESOURCES MANAGEMENT

Subat Fatima  
Melissa Hartley  
Cassia Maria Jardim Cotta de  
Souza de Almeida  
Tahmila Rahman  
Andrew Stephen  
Bianka Tardif

### DIPLOMA IN INTEGRATED AVIATION MANAGEMENT

Diego Garcia Ortiz  
Nan Li  
Sean Mailloux Kessler  
Min Xu  
Qian Yu

### DIPLOMA IN MANAGEMENT

#### GENERAL MANAGEMENT

Mathilde Beyer  
Aude Bouchard  
Capucine Bourg  
Charlotte Collet  
Claire Demarly  
Manon Dugué  
Thomas Ernst  
Aymeric F. Le Mouton de Boisdeffre  
Victor Gavard  
Camille Joliet  
Jana Laubach  
Jeanne Laurent  
Enzo Marchese  
Mathilde Montestruc  
*Jacob Jonker Memorial Prize*  
*Resolute Forest Products Prize*  
Alim Top

#### INTERNATIONAL BUSINESS

Oluwaseye Olowoyo

### DIPLOMA IN PROFESSIONAL PRACTICE IN FINANCE

Jose Bonilla Cruz  
Kira Sun  
*American Express Prize in  
Management - Treasury/Finance*

### DIPLOMA IN PUBLIC ADMINISTRATION AND GOVERNANCE

Julia Cassandra  
Sarwat Dalal Bashi  
Jonathan De Iuliis  
Levon Isakhanyan  
Maha Othman

### DIPLOMA IN PUBLIC RELATIONS AND COMMUNICATIONS MANAGEMENT

Jessica Aldos  
Amanda G. Asomani-Nyarko  
Hannah Blundon  
Melissa Calixte  
Andria Caputo  
Lena Carbon  
Hélène Colas  
Emma Colombini  
Theo Depond  
Louis Deval  
Gabrielle Dumont  
Mathilde Duval  
Yasmine Elmir  
Josephine Gobitta  
Laura Groze  
Victoria Guillemot  
Baptiste Hertault

Deanna Kzyk  
 Riteba McCallum  
 Rebecca Meloche  
 Cassandra Moschella  
 Marissa Norton  
 Lise Pagel  
 Sabrina Pandolfo  
 Quentin Rabier  
 Maxime Ricouart  
 Thibault Riehl  
 Alyssa Romano  
 Jason Rost  
 Vronika Sachdeva  
 Lina Sakkal  
 Latifa Salifou Seini Modi  
 Oriane Silve  
 Mathilde Tanguy  
 Alexandra Tordjman

### **CERTIFICATE IN APPLIED CYBERSECURITY**

Abdalla Abdelnabi  
 Elizabeth Adewoye  
 Omar Ahmed  
 Kosai Alchaghouri  
 Wassim Almeniem  
 Zach Argiriou  
 Elias Avgoulas  
 Chinju Mariam Baby  
 Yacine Berchiche  
 Xavier Bleau-Prevost  
 Daniel Blom  
 David Borrego Vinas  
 Richard Bourassa  
 Ferris Cherfan  
 Ezekiel Chukwujindu  
 Reno Conti  
 Martin Cuddy  
 Gurunath Dandawate  
 Rondinelli de Sousa Ribeiro  
 Osango Dimoke  
 Tomas Duje  
 Adebayo Fabiyi  
 Alex Ha  
 Max Hanna  
 Hongtao Hao  
 Kevin Hao  
 Anastasia Iarosenko  
 Harout Jabamikos  
 Fadi Jamal Eddine  
 Rami Jasser  
 Nadege Katende  
 Anthony Koutsogiannis  
 Kennedy Laguerre-Verne  
 Joel Landry  
 Emma Lightstone  
 David McMillan  
 Stephen Miceli  
 Anis Mohamed  
 Arstan Moldabayev  
 Louis P Morin  
 Joseph Moubarak  
 Maha Mubarak

Zeeshan Mulk  
 Tyler Nadeau  
 Bamidele Okedeji  
 Christian Orfali  
 Alexandre Pepin  
 Darren Pham  
 Vivek Pitchappa  
 Darling Remarais  
 Philippe Reney  
 Doa'a Salaymeh  
 Paul Sam-Soon  
 Jason Savage-Pollock  
 Ramya Selvakumar  
 Abdus Shukur  
 Chao Sun  
 Dylan Szabo  
 Maria Tomy  
 Peter Tsanev  
 Antonio Vargas Rodriguez  
 Mathieu Vivier  
 Robert Wagener  
 Jonathan Wan Ching Yee  
 Bo Yang  
 Qi Yao  
 Danilo Zapata Perez

### **CERTIFICATE IN COMPUTERS AND INFORMATION TECHNOLOGY**

Xavier Ah-hee  
 Victor Ahn-Royer  
 Nicolay Bang  
 Mehdi Baraghani Tamadon  
 Morgane Bentzinger  
 Tzvi Blackman  
 Julien Blicke  
 Mariam Caceres Lopez  
 Bing Chen  
 Tatiana Chouvalova  
 Malak Daoui  
 Denize Dawly  
 Noemi Desmarais-Racine  
 Mohammed Diab  
 John Fazio  
 Mathieu Frappier  
 Jinyu Jiao  
 Denis Kartachov  
 Champangeun Luangraj  
 Joey Mancuso  
 Martin Noble Sudha  
 Maria Odikadze  
 Christopher Orlowski  
 Rene Perida  
 Marc Pilotte  
 Francis Sauvé  
 Michael Savard Gélinas  
 Thomas Vermette  
 Dharani Vora  
 Jack Yang  
 Zhengxuan Zhao

### **CERTIFICATE IN APPLIED MARKETING**

Rita Abdou  
 Sali Alkhatib  
 Lana Alkhouri  
 Brenda Alves  
 Bianca Caprara  
 Clément Condat  
 Alexandra Di Campo  
 Miriam El Kheir  
 Premela Gobalakrishnan  
 Rita Hannoun  
 Stephanie Katsulis  
 Irene Khondaker  
 Lisa Mah  
 Erika Martin  
 Francesca Muia  
 Leeane Wong  
 Anthony Zeineddine

### **CERTIFICATE IN ENTREPRENEURSHIP**

Ahmad Darwish  
 Boris Kirimdtchiev  
 Dianté Richard

### **CERTIFICATE IN HEALTH AND SOCIAL SERVICES MANAGEMENT**

Akeisha Pitt-Taylor

### **CERTIFICATE IN HUMAN RESOURCES MANAGEMENT**

Lamees Aljoundi  
 Jay Assaad  
 Mishleen Dahdal  
 Zari Daknema  
 Dyna Gaston  
 Nazli Moradi Dezfouli  
 Alesea Ursul

### **CERTIFICATE IN MANAGEMENT**

Félix Bélanger  
 Kevin McKough

### **CERTIFICATE IN PUBLIC ADMINISTRATION AND GOVERNANCE**

Ooleesie Akpik  
 Maria Dammous  
 Roxanna Merino-Castaneda  
 Sarah Samson  
 Margarita Sanchez Palacio

**CERTIFICATE IN PUBLIC  
RELATIONS AND  
COMMUNICATIONS  
MANAGEMENT**

Mayalène Aussenard  
Siobhan Boël  
Mireille Bonhomme  
Amanda D'Andrea  
Maximilian Fiorante  
Azadeh Ghandi  
Amy Goedkoop  
Karina Moraze  
Kaylee Patterson  
Parichehr Peyvandy  
Sophie Poirier  
Peter-Anthony Sotos  
Sacha Thibault  
Gabriela Vasquez De Gracia

**CERTIFICATE IN  
TRANSLATION**

**ENGLISH TO FRENCH**

Raphael Barsalo  
Victoria Nam-Amnath  
Marie-Rose Odou  
Julie Sigwart  
Claudie Trudel

**FRENCH TO ENGLISH**

Suzanne Comeault  
Audrey Jehle  
Evangelos Nikitopoulos  
Jessica Romera

**CERTIFICATE OF  
PROFICIENCY - ENGLISH  
FOR PROFESSIONAL  
COMMUNICATION**

Konan Felicien Aka  
Hadi Al Issa  
Lourd Al Khalil  
Rea Alkhoury  
Heba Alshorbagy  
Safwan Amer  
Ahmed Amr  
Rafah Assalti  
Hongjun Chen  
Sondos Choinha  
Diansong Dai  
Maykelin Espinoza Flores  
Yanlin Guo  
Rolando Gutierrez Rosales  
Hala Habes  
Aleyda Hernandez Gonzalez  
Asmaa Hewala  
Maziad Ibrahim  
Soufiane Jabbour  
Maria Amalia Jimenez Trivino  
Sanaz Keshavarzi  
Dilan Kiki  
Damien Lopes  
Youssef Mandri  
Jehan Mohammed  
Mounia Nordine  
Danilo Pavon-Zeas  
Iuliana Vieru  
Rania Youssef  
Yuping Zhang

**CERTIFICATE OF  
PROFICIENCY IN ENGLISH -  
LANGUAGE AND CULTURE**

Lionel Peterson Ngolo Iloki

**CERTIFICATE OF  
PROFICIENCY IN  
BILINGUAL PROFESSIONAL  
COMMUNICATION**

Wendy Bell Marquez

**CERTIFICATE OF  
PROFICIENCY IN FRENCH -  
LANGUAGE AND CULTURE**

Chanya Chaowanasontham  
Violet Cho The Mar  
Gregory Hostetler  
Nicholas Miles  
Ryan Pearson  
Harindee Samarasinghe  
Junyi Zhang

**FACULTY OF DENTAL MEDICINE AND ORAL HEALTH SCIENCES**  
**FACULTÉ DE MÉDECINE DENTAIRE ET DES SCIENCES DE LA**  
**SANTÉ ORALE**

**PROFESSOR ELHAM EMAMI, DEAN**

**MASTER OF SCIENCE**

**DENTAL SCIENCES**

Hoda Abdalla  
Mohammad Al-Tamimi  
Akanksha Cambala  
Radhika Chhibber  
Isha Gandhi  
Hamed Ghanati  
Gianluca Guglietti  
Yassaman Karimi Jashni  
Mehak Khanna  
Manav Preet Singh Saini  
Azin Zare  
Maha Zidan

**CERTIFICATE IN GENERAL  
PRACTICE RESIDENCY**

Elena Aivaliklis  
Aurélie Akl  
Abdullah Alkhwaitem  
Christina Angelopoulos  
Alex Bossé  
Véronique Bousquet-Racine  
Guillaume Caron-Racine  
Gabrielle Gaudreau  
Ariane Gauvin  
Ilana Gheriani  
Etienne Giguère  
Eyad Kassab  
Stamatis Kouniaris  
Andréanne Légaré  
Jiayi Li  
Reem Mahko

Yen-Chau Nguyen  
Carolanne Paquet-Couture  
Shawna Rieux  
Jessica Robert  
Madonna Rofaeel  
Thien Vuong  
Alyssa Weninger

**CERTIFICATE IN ORAL AND  
MAXILLOFACIAL SURGERY**

Razan Baabdullah  
Godwin Cheung

**CERTIFICATE IN ORAL  
SURGERY INTERNSHIP**

Thomas Miller

**FACULTY OF ENGINEERING**  
**FACULTÉ DE GÉNIE**  
**PROFESSOR JIM NICELL, DEAN**

**DOCTOR OF PHILOSOPHY**

**CHEMICAL ENGINEERING**

- Zahra Abdali  
Recombinant protein-based scaffolds: extracellular secretion, purification, and mineralization  
Direction: N. Dorval  
Courchesne
- Aqeel Alrebh  
Boron nitride and boron carbon nitride nanosheets synthesis using inductively coupled thermal plasma  
Direction: J. Meunier
- Ahmad Diraki  
Corrosion control of carbon steel by polyaniline/epoxy-(graphene)-based double-layered coatings and a caprylate/dodecyl-sulfate inhibitor  
Direction: S. Omanovic
- Adam McElligott  
The effects of functionalized graphene nanoflakes on phase change systems  
Direction: P. Servio; J. Meunier

**CIVIL ENGINEERING**

- Zhanhong Cheng  
Travel-Behavior-Based Inference and Forecasting Methods in Metro Systems  
Direction: M. Trépanier; L. Sun
- Ahmed Ibrahim  
Micromechanical modeling of soil-water interaction with applications to buried structures  
Direction: M. Meguid
- Rana Sahebjam  
The dynamics of an axisymmetric turbulent jet and of a passive scalar patch in ambient turbulence interpreted from the passive scalar field statistics  
Direction: S. Gaskin
- Oluwafemi Thomas  
Reliability analysis of overhead transmission line multilayered stranded conductor/clamp assemblies for fretting fatigue failure  
Direction: L. Chouinard

**ELECTRICAL ENGINEERING**

- Nima Akbarzadeh  
Restless bandits: indexability, computation of whittle index and learning  
Direction: A. Mahajan
- Marc-Antoine Beaudoin  
Machine learning control of dynamical systems in electric and autonomous vehicles  
Direction: B. Boulet
- Nghia Doan  
Low-complexity decoding of short linear block codes with machine learning  
Direction: W. J. Gross
- Mahmood Mohammed  
On route to infinite gain CMOS operational transconductance amplifiers and its impact on speed and capacitive load drivability of closed-loop analog applications  
Direction: G. Roberts
- Soumyasundar Pal  
Monte Carlo algorithms for nonlinear filtering, bayesian graph neural networks, and probabilistic forecasting  
Direction: M. J. Coates
- Farimah Ramezan Poursafaei  
Anomaly detection in cryptocurrency networks and beyond  
Direction: Z. Zilic; R. Rabbany
- Mohsen Rezaei  
Chalcogenide and ZBLAN based optical fiber components  
Direction: M. Rochette
- Guowu Zhang  
Advanced inverse design techniques and their applications for mode-division-multiplexing interconnects  
Direction: O. Liboiron-Ladouceur

**MECHANICAL ENGINEERING**

- Fares El Tin  
Autonomous unmanned aerial gliders for wildfire surveillance  
Direction: I. Sharf; M. Nahon
- Giulio Franchini  
Human descending thoracic aorta, a mechanical characterization  
Direction: M. Amabili
- Shrutakeerti Mallikarjun Vagishwari  
A hybrid continuum-rarefied hypersonics methodology with automatic mesh optimization  
Direction: W. Habashi
- Sepideh Mohammadi  
Design and fabrication of immunomodulatory hydrogels for regenerative medicine  
Direction: L. G. Mongeau
- Sareh Taheri  
Injectable and functionalized tough porous hydrogels for vocal fold repair  
Direction: L. G. Mongeau
- Ying Zhang  
Development of hybrid machine learning models for assessing the manufacturability of designs for additive manufacturing processes  
Direction: Y. F. Zhao

**MINING AND MATERIALS ENGINEERING**

- Shuaishuai Yuan  
The initial stage of small polaron formation in materials  
Direction: K. Bevan

**MINING ENGINEERING**

- Ryan Wilson  
Flexible discrete event simulation framework for the development of integrated control strategies along the mine-to-plant profile  
Direction: A. Navarra
- Ahmad Zueter  
Mathematical modeling of artificial ground freezing systems for mining industries  
Direction: A. P. Sasmito



**MASTER OF ENGINEERING**

**AEROSPACE ENGINEERING**

Achaebe Parker  
Basel Wehba

**CHEMICAL ENGINEERING**

Anas Esbel  
Dante Filice  
Jiaxun Guo

**CIVIL ENGINEERING**

Étienne Cantin Bellemare  
Alix Kabre  
Marissa Kephart  
Chunxiao Ning  
Yifan Wang

**ELECTRICAL ENGINEERING**

Adam Helmy  
Stanley Li  
Chenyu Liu  
Adam Sigal

**MATERIALS ENGINEERING**

Chin Chieh Cheng  
Jeff Opoku  
Xu Zheng

**MECHANICAL ENGINEERING**

Natalia Pavlasek  
Siyuan Sun

**MINING AND MATERIALS  
ENGINEERING**

Tiffany Turner

**MINING ENGINEERING**

Ika Rahayu

**MASTER OF SCIENCE**

**CHEMICAL ENGINEERING**

Avishek Banerjee  
Gabrielle Godbille-Cardona  
Dongjin Shin  
Jessica Wu

**ELECTRICAL ENGINEERING**

Younes Boubekeur  
Jillian Cardinell  
Francois Dube  
Mohamed Reda El Khili  
Farzaneh Entezari  
Nithilasaravanan Kuppan  
Hyejin Lee  
Yaxuan Li  
Wenqi Liang  
Charbel Matta  
Chelsea Myers-Colet  
Duc Tuong Nguyen  
Heemal Parimoo  
Venkata Saisantosh Nikhil Podila  
Prabhsimran Singh  
Chuang Qi  
Mahmoud Sallam  
Katayoun Sayar

Niloofer Tarighat  
Manoj Krishna Venkatesan  
Mingzhe Zhang

**MATERIALS ENGINEERING**

Daniel Gonzalez Morales  
Kerui Lai  
Jun Oh  
Lin Wu

**MECHANICAL ENGINEERING**

Faraaz Ahmed  
Andrew Bae  
Jackson Empey  
Noah Ferrarotto  
Joshua Ilse  
Vassili Korotkine  
Daniil Lisus  
Guangwei Liu  
Lucas Marrone  
Jad Wehbeh  
Jiarui Xie  
Dingzhong Zhang

**MINING ENGINEERING**

Benitta Chaedir  
John Malki

**MASTER OF URBAN  
PLANNING**

Aisha Ahmed  
Connor Cordingley  
Emma Ezvan  
Adrien Gignac-Eddy  
Cole Gleason  
Ashley Huang  
Samuel Mehenni  
Daniela Rodriguez Martinez  
Assim Sayed Mohammed  
Sayana Sherif  
Alex Topp  
Julian Villafuerte Diaz  
Noah Wu  
Jenny Ting-Yeng Yang

**BACHELOR OF ENGINEERING**

**CHEMICAL ENGINEERING**

Opubo Cookey-Gam  
Hailey Min

**BIOENGINEERING**

Mathura Kanapathippillai

**CIVIL ENGINEERING**

Mathieu Perret  
*Raymond Cox Memorial Prize  
in Civil Engineering*  
Robin Wei

**CO-OP IN MINING ENGINEERING**

Matthew Desorbay

**ELECTRICAL ENGINEERING  
PROGRAM**

Parker Brown  
Gwynette Labitoria  
Andy Li  
Omar-Marc Nuwayhid

**MATERIALS ENGINEERING CO-OP  
PROGRAM**

Luc Bourbonnais  
Nicholas Datko  
Namrata Khopkar  
Jaeun Lee  
Thomas Li  
Anna Welburn

**MECHANICAL ENGINEERING  
PROGRAM**

Mahin Ar-Rahman

**BACHELOR OF SCIENCE IN  
ARCHITECTURE**

Florence Grace-Castonguay  
*Wilfred Truman Shaver  
Scholarship*

**BACHELOR OF SOFTWARE  
ENGINEERING**

Ryan Arndtsen

# FACULTY OF MEDICINE AND HEALTH SCIENCES

## FACULTÉ DE MÉDECINE ET DES SCIENCES DE LA SANTÉ

PROFESSOR DAVID H. EIDELMAN, DEAN

### DOCTOR OF PHILOSOPHY

#### BIOLOGICAL AND BIOMEDICAL ENGINEERING

Reza Rasouli

Design and development of acoustofluidic platforms for on-chip manipulation of bioparticles and fluids  
Direction: M. Tabrizian

#### BIOSTATISTICS

Zeyu Bian

Variable selection for dynamic treatment regimens  
Direction: E. E. Moodie;  
S. R. Bhatnagar

Daniel Rodriguez Duque

Inference for optimal dynamic treatment regimes through a bayesian lens  
Direction: D. A. Stephens;  
E. E. Moodie

Guanbo Wang

A new framework for structured variable selection and its application to Cox models with time- dependent covariates  
Direction: M. E. Schnitzer;  
R. Platt

#### COMMUNICATION SCIENCES AND DISORDERS

Yufang Ruan

Infant volubility and bilingual input in naturalistic day-long recordings  
Direction: L. Polka

#### EPIDEMIOLOGY

Walid Al-Soneidar

Cutaneous human papillomaviruses in head and neck cancers: risk factors or innocent bystanders  
Direction: B. Nicolau;  
S. B. Harper

Charlotte Laniece

Eliminating hepatitis C among priority populations: dynamic transmission modeling studies to inform health policy  
Direction: M. Klein;  
M. Maheu-Giroux

Gayatri Marathe

Depressive symptoms in the HIV and Hepatitis C co-infected population in Canada - An investigation in the second-generation direct acting antivirals era (2013-2020)  
Direction: M. Klein;  
E. E. Moodie

Julie Rouette

Prescribing trends, treatment trajectory, and long-term gastrointestinal cancer safety of antihypertensive drugs  
Direction: L. Azoulay

#### EXPERIMENTAL MEDICINE

Mira Abou Rjeili

COPD and heart failure comorbidity from patients to mechanisms  
Direction: J. Bourbeau

Matthew Dankner

Orthotopic patient-derived xenograft models of brain metastasis as platforms for fundamental & translational discovery  
Direction: P. M. Siegel

Jennifer Gantchev

The role of meiomitosis and HORMAD1 in the modulation of genomic instability and transformation of cutaneous malignancies  
Direction: D. Sasseeville;  
I. V. Litvinov

Fan Huang

Exploring novel strategies to sensitize melanoma to immunotherapy and targeted therapies  
Direction: S. Del Rincon;  
W. Miller

Ahmad Mahmoud

The role of  $\gamma\delta$  T cell subsets in angiotensin II-induced hypertension and vascular injury  
Direction: E. Schiffrin

Dana Sedki

Insights into G protein coupled-receptor functional regulation by interacting effectors: G proteins and  $\beta$ -arrestins  
Direction: S. A. Laporte

Brandon Shokoples

The role of P2RX7 in Ang II induced hypertension and cardiovascular disease  
Direction: E. Schiffrin

Rui Zhang

PTHrP drives tumor initiation and progression in a PyMT model of breast cancer  
Direction: R. Kremer;  
I. Ragoussis

#### EXPERIMENTAL SURGERY

Don Daniel Oca

Improving the clinical assessment of pain processes in pediatric patients with chronic musculoskeletal pain  
Direction: C. E. Ferland-Legault

#### FAMILY MEDICINE & PRIMARY CARE

Basmah Almujaideh

Increasing physician intention to address social determinants in primary health care: A qualitative inquiry and pilot RCT in Saudi Arabia  
Direction: T. Schuster;  
A. J. Andermann

#### HUMAN GENETICS

Mehrdad Asghari Estiar

The genetics of hereditary spastic paraplegia  
Direction: Z. K. Gan-Or;  
G. Rouleau

Maxime Caron

Identifying sources of inter and intra tumor transcriptional heterogeneity in cancer  
Direction: G. Bourque

Enrique Gamero Estévez

Characterizing and manipulating tight junction barriers through a claudin lens  
Direction: A. Ryan

Nuwan Hettige  
Characterizing the functional role of FOXG1 on neurodevelopment and disease  
Direction: C. P. Ernst

Frank Hu  
Nucleome dynamics in normal and stalled development  
Direction: J. A. Majewski; M. Saitou

Brian Krug  
The role of chromatin remodeling in H3K27M-mutant gliomas  
Direction: N. Jabado

Yan Luan  
Impact of moderate folic acid supplementation during pregnancy on development of embryos and young mice  
Direction: R. Rozen

Tomoko Nakanishi  
Genetic determinants of respiratory diseases and their clinical implications  
Direction: J. Richards; T. Hirai

**PATHOLOGY**

Noof Aloufi  
Human antigen R (HuR) in the lung: Friend or foe?  
Direction: C. J. Baglole

Sabrina Ritch  
The antimetastatic properties of mifepristone against prominently aggressive cancers, with a special emphasis on high-grade serous ovarian cancer along disease progression  
Direction: C. Telleria

**PSYCHIATRY**

Nevicia Case  
Effects of depressed mood and alcohol use and misuse on risky driving  
Direction: N. Mechawar

**REHABILITATION SCIENCE**

Marie-Eve Bolduc  
Optimizing the developmental follow-up of children and adolescents born with a congenital heart defect  
Direction: A. Majnemer; M. Brossard-Racine

Mehmet Inceer  
Frailty in HIV: Challenges with measurement, identification, and contributors  
Direction: N. Mayo

Patrick Ippersiel  
Investigating biopsychosocial, methodological, and task-based determinants of inter-joint coordination in adults with chronic low back pain.  
Direction: S. Robbins; R. A. Preuss

Keven Lee  
Moving-with - an ethnography of community-dwelling persons living with dementia and carers  
Direction: M. Park

Paul Yoo  
Development of the child community health inclusion index: Impact of contextual factors on community inclusion outcomes of children with disabilities  
Direction: A. Majnemer; D. S. Thomas

**MASTER OF ENGINEERING**

**BIOLOGICAL AND BIOMEDICAL ENGINEERING**

Alhusain Abdalla  
Alia Alameri  
Joshua Bierbrier  
Milad Ghanbari  
Merry Ghebretatios  
Olivia Jeanne  
Haleema Khan  
Karina Martinez Villegas  
Adam Melnyk  
Julia Puppin Chaves Fulber  
Matthew Rothpan  
Pranjal Seth  
Divya Srinivasan  
Isaac Testa Hassan  
Sripadh Guptha Yedire

**MASTER OF SCIENCE**

**COMMUNICATION SCIENCES AND DISORDERS**

Colin Jones

**EPIDEMIOLOGY**

Melia Alcantara  
Guillaume Butler-Laporte  
Francesca Del Giorgio  
Giuseppe Frenda  
Cindy Leung Soo  
Jenny Moon  
Lily Yang  
Chérine Zaïm

**EXPERIMENTAL MEDICINE**

Fayeza Ahmad  
Noelia Azalde García  
Monisha Bagchi  
Rachel Bierbrier  
Craig Bryan  
Amanda Centorame  
Jaclyn Chabot  
Trista Chen  
Sabri Conde-Yassin  
Jason Covone  
Diana Di Iorio  
Sara Ghandour  
Amanda Guerin  
Leila Haririsanati  
Nazila Hassanabadi  
Ryan Huang  
Katherine Huerne  
Jennifer Huxham  
Anne Kim  
Esther Lee  
Hao-Yu Liao  
Kate Lindsay  
Zhiyang Liu  
Crystal Namuhoranye  
Jonathan O'Connor Miranda  
Jeremy Obrand  
Charlotte Ouimet  
Ranveer Palia  
Matthew Salaciak  
Julian Smith-Voudouris  
Emily Wheeler  
Xiaoting You  
Jessica Yu

**EXPERIMENTAL SURGERY**

Patrik Abdelnour  
Lana Alghabra  
Zoe Atsaidis  
Anne-Sophie Besner  
Sabina Fehric  
Robert Harutyunyan  
Tyler Safran  
Michelle Shen  
Junko Tokuno  
Ayden Watt  
Roxana Zaminpeyma  
Jeremy Zwaig

**FAMILY MEDICINE**

Maddie Clark  
Ricky Fortier  
Anafa Gamliel  
Alize Gunay  
Georgia Hacker  
Mahya Khaki

**HUMAN GENETICS**

Will Bauer  
Amanda Brown  
Harry Chun Man Cheng  
Nisha Kabir  
Dhanesh Patel

**MEDICAL RADIATION PHYSICS**

Alexandru Badalan  
Marco Di Francesco  
Yee Man Tai

**PSYCHIATRY**

Jennifer Cohen  
Julie Guindon  
Marianne Khalil  
Carolane Lévesque  
Tristan Supino  
Patricia Zhu

**PUBLIC HEALTH**

Gabrielle Geenen  
Kathryn Romanchuk

**REHABILITATION SCIENCE**

Fauzia Chaudhry  
Matheus De Paiva Azevedo

**MASTER OF SCIENCE  
APPLIED**

**ADVANCED NURSING**

Kawtar Akhras  
Elize Cucca  
Malak Daoui  
Gabrielle Garrel  
Marie-Ellen Pitre

**COMMUNICATION SCIENCES  
AND DISORDERS**

Sophia Badri  
Matt Bonshor  
Shikara Fahie  
Brittany Freger  
Olivia Frenkel  
Sydney Guben  
Elyse Hermans  
Christina Hii  
Stephen Keefe  
Julia Kim  
Tory Lackman  
Nida Latif  
Tehya Lemaire  
Emily Liu  
Bianca Mercadante  
Aryana Napoleon-Patenaude  
Katerina Pisegna  
Sarah Reed  
Gustave Richard  
Olivia Rotondo  
Emma Russell  
Krysten Stadel  
Mahalia Tahririha  
Jesse Thandi  
Melissa Trueman  
Chloé van Doorn  
Michaela Vivar  
Lana Weshah  
Taylor Woodfine

**NURSING**

Tamara Hansen

**MASTER OF SCIENCE  
APPLIED - OCCUPATIONAL  
THERAPY**

**OCCUPATIONAL THERAPY**

Elizabeth Messier

**MASTER OF SCIENCE  
APPLIED - PHYSICAL  
THERAPY**

**PHYSICAL THERAPY**

Francis Brissette

**PHYSICAL THERAPY AT  
UNIVERSITÉ DU QUÉBEC À  
CHICOUTIMI**

Vicky Légaré

**GRADUATE DIPLOMA IN  
CLINICAL RESEARCH**

Bassel Abdulkarim

**GRADUATE DIPLOMA  
IN MEDICAL RADIATION  
PHYSICS**

Habib Safigholi

**GRADUATE DIPLOMA IN  
ONCOLOGY**

Rejane de Oliveira Franco

**BACHELOR OF SCIENCE IN  
NURSING**

Maggie Kolokotronis



# FACULTY OF SCIENCE FACULTÉ DES SCIENCES

PROFESSOR BRUCE LENNOX, DEAN

## DOCTOR OF PHILOSOPHY

### BIOCHEMISTRY

- Gabrielle Brewer  
Identifying the functional role of breast cancer associated fibroblasts in promoting disease progression  
Direction: C. Moraes; M. Park
- Paula Coelho  
Characterization of a selective LC3C autophagy pathway and its role in cancer biology  
Direction: M. Park
- Alexandra Lewis  
The biochemical mechanisms underlying nuclear RNA interference in *C. elegans*  
Direction: T. Duchaine
- Jalal Mahmoud Kazan  
Characterizing the role of endofin/ZFYVE16 in cell surface receptor trafficking and tumor suppression  
Direction: A. Pause; G. Lukacs
- Amr Omer  
Investigating the role of stress induced RNA granules on senescent cell behavior, secretome, and age-related disease  
Direction: I. Gallouzi
- Shivshankari Rajkumar  
Investigation of the co-operativity of mutations in the mitogen-activated protein kinase (MAPK) pathway in cutaneous melanomas  
Direction: I. R. Watson
- Hui Xia  
Molecular regulation of ERα activity and its impact on diabetes, NASH, and exercise capacity  
Direction: V. Giguere
- Yevgen Zolotarov  
CNNM/PRL/ARL15 complex regulates magnesium homeostasis and TRPM7  
Direction: M. Tremblay

### BIOLOGY

- Marie-Pier Hébert  
Freshwater ecosystems facing climate and land-use changes: implications for basal resources and planktonic food webs  
Direction: B. Beisner; G. F. Fussmann
- Egor Katkov  
The effect of rising carbon dioxide on communities of freshwater phytoplankton  
Direction: G. F. Fussmann
- Arjuna Rajakumar  
Evolution of cooperative systems through changes in germline specification  
Direction: E. Abouheif
- Yang Shao  
Functional characterization and application of exapted transposable element gene family MUSTANG-A  
Direction: T. Bureau

### CELL BIOLOGY

- Dushyant Jahagirdar  
Poorly understood aspects of ribosome biology: An untapped resource for novel antibiotics  
Direction: J. Ortega

### CHEMISTRY

- Ryan Barrett  
I. Hybrid androgen receptor antagonist – Histone deacetylase inhibitors and II. development of an oxy-Cope / Michael cascade reaction  
Direction: J. Gleason
- Xining Chen  
Insights into the interfacial chemistry in systems involving iron oxides  
Direction: M. Andrews
- Shoronia Cross  
Tailoring superparamagnetic iron oxide nanoparticles from core to surface  
Direction: A. S. Blum

- Blaine Fiss  
Mechanochemical methods towards sustainable phosphorus chemistry: from nanomaterials to molecules  
Direction: A. H. Moores-François; T. Friscic
- Quentin Gaydon  
Group 9 tris-chelate complexes as candidates to detect PVED in molecules  
Direction: D. S. Bohle
- Brenda Guzman Juarez  
Fabrication and characterization of patchy particles using Solid-State NMR  
Direction: L. Reven
- Haiyan Huang  
A phased-bottom-up approach to the Eumelanin challenge  
Direction: J. Lumb
- Ashkan Karimi  
Characterizing DNA dynamics with fluorescent nucleobase rotors  
Direction: N. Luedtke
- Pierre-Louis Lagueux-Tremblay  
New approaches to acylation reactions via metal-catalyzed carbonylations and electrochemistry  
Direction: B. Arndtsen
- Yuanjiao Li  
Developing oil-immersed scanning electrochemical cell microscopy for corrosion  
Direction: J. Mauzeroll
- Morten Loehr  
Acridine-tetrazine conjugates for selective modification of nucleic acids  
Direction: N. Luedtke
- Daniel Saliba  
Minimalist strategies for large DNA nanostructures: Nanotweezers and nanotubes  
Direction: H. Sleiman
- Josie Warnica  
The iminium-catalyzed (E)-polyene cyclization  
Direction: J. Gleason

**COMPUTER SCIENCE**

Mona ElSaadawy  
Network-based application monitoring as a service in cloud data centers  
Direction: B. Kemme

Alexander Krolik  
rNdN: Optimized query compilation for GPUs  
Direction: C. Verbrugge; L. Hendren

Clara Lacroce  
The approximate minimization problem of weighted finite automata and applications to language modelling: an approach based on Adamyan-Arov-Krein theory  
Direction: D. Precup; P. Panangaden

Miles Li  
Interpretable machine learning for malware detection and adversarial defense  
Direction: B. C. Fung

Prabhjot Sandhu  
Efficient and parallel sparse matrix computations on the Web  
Direction: C. Verbrugge

**EARTH AND PLANETARY SCIENCES**

Catherine Crotty  
Archean to proterozoic supracrustal rocks from Greenland: Proxies to reconstruct the early earth surface  
Direction: V. van Hinsberg

Haylea Nisbet  
The thermodynamic behavior of thorium and the rare earth elements (REE) in hydrothermal solutions  
Direction: V. van Hinsberg; A. Migdisov; A. Williams-Jones

Dave Purnell  
Progress toward a practical GNSS-R water level sensor  
Direction: N. Gomez

**GEOGRAPHY**

Christopher Erl  
There’s a party at city hall: municipal political organization and pathways to power  
Direction: B. Forest

**MATHEMATICS AND STATISTICS**

Broderick Causley  
Asymptotics of Steklov eigenvalues for surfaces with finitely smooth boundary  
Direction: D. Jakobson; I. Polterovich

Jake Chinis  
Partial sums of the Liouville function and further topics in analytic number theory  
Direction: H. Darmon; M. Radziwill

Benoît Corsini  
Constructive methods for random permutations and random trees  
Direction: D. Addario-Berry

Sami Douba  
Unipotents and graph manifold groups  
Direction: D. Jakobson; P. Przytycki

Isabella Negrini  
A Shimura-Shintani correspondence for rigid analytic cocycles of higher weight  
Direction: H. Darmon

Vladimir Sicca Gonçalves  
Prescribed curvature problems in manifolds with boundary  
Direction: J. Vetois; G. Tsogtgerel

Tyrel Stokes  
Causal estimators under multiple misspecifications: A robust statistics perspective  
Direction: R. Steele; I. Shrier

Peter Zenz  
Distribution of Mass of Holomorphic Hecke Cusp Forms and Quantum Chaos  
Direction: H. Darmon; M. Radziwill; D. Koukoulopoulos

**MICROBIOLOGY AND IMMUNOLOGY**

Félix Lombard-Vadnais  
B and T lymphocyte crosstalk in autoimmune diabetes  
Direction: S. Lesage; I. King

Caitlin Schneider  
Elucidating the mechanisms that govern the type-2 bias associated with DOCK8-deficiency  
Direction: J. N. Mandl

Kaitlin Winter  
Preclinical development of a novel vaccine targeting Clostridioides difficile using an attenuated Salmonella Typhimurium vector  
Direction: B. Ward

**NEUROSCIENCE**

Clément Bourguignon  
Daily behavioral variability in psychiatric illness and the role of the meso-limbic dopamine system  
Direction: K. Storch

Abdel Halim Elshiekh  
Individual differences in context memory performance and functional brain activity: The role of educational attainment and crystallized intelligence.  
Direction: M. N. Rajah

Ravnoor Gill  
Quantitative imaging of epileptogenic lesions in MRI-negative epilepsy  
Direction: A. Bernasconi

Malvin Jefri  
Modelling haploinsufficiency of histone modifier genes using human cell models  
Direction: C. P. Ernst

Sara Larivière  
Multiscale connectomics of temporal lobe epilepsy  
Direction: B. Bernhardt

Alfred Lee  
Characterization of Amyloid $\beta$ -Neurexin interaction in Alzheimer’s disease  
Direction: H. Takahashi

Stefanie Perrier  
POLR3-related leukodystrophy: From exploring novel genetic causes and investigating clinical features to expanding the spectrum of disease  
Direction: G. Bernard

Sébastien Proulx  
Non-Invasive approaches to the investigation of intracortical interactions in the early visual cortex  
Direction: R. Farivar-Mohseni



Kaija Sander  
Using MRI functional and structural connectivity patterns as neural biomarkers for predicting specific aspects of second-language learning success  
Direction: D. Klein-Broomberg; S. Baum

Golia Shafiei  
Linking local dynamics to network organization in the human brain  
Direction: B. Misić

Sonja Soo  
The link between stress resistance and longevity, and the contributions of the mitochondrial unfolded protein response in *C. elegans*  
Direction: J. M. Van Raamsdonk

**PHYSICS**

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Bryce Cyr  
Cosmological implications of topological defects  
Direction: R. Brandenberger

Kha Han Lisa Dang  
Characterizing evolving exoplanets and their atmosphere with the Spitzer Space Telescope and beyond  
Direction: N. Cowan

Vincent Dumont  
Quantum noise and mechanical membranes in microcavities  
Direction: J. C. Childress

Benjamin Levitan  
Second-order topological insulators under strong magnetic fields  
Direction: T. Pereg-Barnea

Andrzej Pokraka  
Intersection theory and Feynman integrals  
Direction: S. P. Caron-Huot

Anh-Khoi Trinh  
Bootstrapping strongly coupled conformal field theories  
Direction: S. P. Caron-Huot

**PHYSIOLOGY**

---

Sheri McDowell  
The effects of obesity-associated inflammation on cancer progression  
Direction: D. Quail

**PSYCHOLOGY**

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Kimm Carrière  
Exploring the effects of mindfulness-based programs on weight management and eating behaviors  
Direction: B. Knaeuper

Jennifer Heyman  
You, me, & AT&T: The role of technology in social interactions  
Direction: B. Knaeuper; J. L. Human

Marie-Catherine Mignault  
On being yourself : Investigating the personal and contextual underpinnings of accurate self-expression in first impressions  
Direction: J. L. Human

Pauline Palma  
Bilingual around the clock: The timescales of novel language learning and consolidation in bilingual individuals  
Direction: D. Titone

Amanda Ravary  
Meaningful variability in implicit social cognition: The influence of evaluative social contexts  
Direction: M. Baldwin

Danielle Rice  
Engaging individuals with lived experiences: identifying the needs and priorities of informal caregivers for people living with systemic sclerosis  
Direction: B. Thombs

Aislinn Sandre  
From risk to illness: Examining familial and environmental pathways to the development of depression via neural response to socio-affective information  
Direction: A. E. Weinberg

Kristina Tchalova  
Examining the neurochemical underpinnings of attachment: The role of endogenous opioids  
Direction: J. Bartz

Sally Xie  
Mind, mien, milieu: Contextual influences on the structure of first impressions  
Direction: E. L. Hehman

**QUANTITATIVE LIFE SCIENCES**

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Lamin Juwara  
Privacy-preserving regression methods for distributed biomedical data  
Direction: P. Saha Chaudhuri

Tianyuan Lu  
Leveraging complex disease polygenic risk scores for improved risk prediction and identification of rare genetic conditions  
Direction: J. Richards; C. M. Greenwood

Sara Zapata-Marin  
Land-use regression and spatio-temporal hierarchical models for environmental processes  
Direction: A. Schmidt

**MASTER OF SCIENCE**

**ATMOSPHERIC AND OCEANIC SCIENCES**

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Alice Le Guern-Lepage  
Oreste Marquis  
Masoud Moeini  
Daniel Tootill

**BIOCHEMISTRY**

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Sandrine Busque  
Philippe Carle  
Catherine Deng  
Julie Huynh

**BIOLOGY**

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Khalid Al-Naemi  
Christophe Benjamin  
Jonathan Diamond  
Ila Ghoshal  
Ryunosuke Hoshi  
Suba Rana  
Charlotte Steeves  
Jia Yin Xiao

**CELL BIOLOGY**

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Cori Lau

**CHEMISTRY**

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Ada McVean  
Sebastian Morales  
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Xingming Situ  
Jenaes Sivasundarampillai  
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## COMPUTER SCIENCE

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Sophie Hu  
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Zeel Solanki  
Eluxegha Umaasuthan  
Chenchen Wang

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Christopher Cui  
Ian Laffey

STATISTICS AND COMPUTER SCIENCE

Tanja Barath  
Hillary Tao

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FACULTÉS DES ARTS ET SCIENCES

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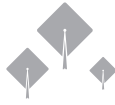
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(Sociology)  
Charlotte Dingwall  
(Cognitive Science)  
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Melody Zhou  
(Cognitive Science)





## MCGILL UNIVERSITY CEREMONIAL MACE MASSE CÉRÉMONIALE DE L'UNIVERSITÉ MCGILL



Commissioned by Sir Timothy O'Shea, Principal and Vice-Chancellor of the University of Edinburgh, and gifted to McGill University for the Spring 2014 convocation ceremonies, the mace was designed by students from the Edinburgh College of Arts (ECA) and manufactured in the workshops of Hamilton and Inches.

The large centrepiece of the mace, a champlevé enamelled head, was etched and enamelled in the ECA workshops under the supervision of Stephen Bottomley and features the crests of the Universities of Edinburgh, Glasgow, and McGill. It is a lasting symbol of the important historic ties between these three institutions.

The base of the mace was designed by McGill staff members Gilles McSween and Nello Marussi. It is crafted of oak and features a sliver of the "Founder's Elm," a tree located on the estate of James McGill.

Commandée par Sir Timothy O'Shea, principal et vice-chancelier de l'Université d'Édimbourg, et offerte à l'Université McGill à l'occasion des cérémonies de collation des grades du printemps 2014, la masse a été dessinée par des étudiants du Edinburgh College of Arts (ECA) et fabriquée dans les ateliers d'Hamilton and Inches.

La pièce maîtresse de la masse, une imposante tête en émail champlevé, a été gravée et émaillée dans les ateliers du ECA, sous la supervision de Stephen Bottomley. Y ont été apposées les armoiries des universités d'Édimbourg, de Glasgow, et McGill. Cette œuvre se veut un symbole durable des liens historiques importants unissant ces trois institutions.

Faite de chêne, la base de la masse a été dessinée par Gilles McSween et Nello Marussi, membres du personnel de McGill. On y trouve un éclat de "l'Orme du fondateur", un arbre situé sur le domaine légué par James McGill.



## ACKNOWLEDGEMENTS

### *Faculty Marshals*

Professor Carolyn Baglole

Dr. Hua Ling

Professor Carlos Telleria

The Convocation Team is led by  
Heidi Emami, *Associate Registrar*

### *Reader of Graduates' Names*

Professor Emerita Alenoush Saroyan

The University would also like to thank the many members of the McGill community whose contributions in support of convocation help make each ceremony a truly memorable event.

## MUSIC

Music is provided by the *Boreale Brass Quintet*, under the direction of  
Dr. Brian Sand, D.Mus. '04.

Professor Matthew Trevino is the vocalist and Nolan-Patrick Cunningham is the piper.

## CONVOCATION PHOTOGRAPHY

Each graduand will be photographed on stage. Photographs will be posted on Speq Photo's website at [www.speqphoto.ca](http://www.speqphoto.ca) within 48 hours of convocation.

Contact Speq Photo at 514 351-8275,  
1 800 363-1142 or [sales@speqphoto.ca](mailto:sales@speqphoto.ca)

## REGALIA INFORMATION AND HISTORY

Please visit: <http://www.mcgill.ca/graduation/convocation/history>

## REMERCIEMENTS

### *Chefs de protocole des facultés*

Professeure Carolyn Baglole

M<sup>me</sup> Hua Ling

Professeur Carlos Telleria

L'équipe de collation des grades dirigée par  
Heidi Emami, *registraire adjointe*

### *Annonceuse des noms des diplômés*

Professeure émérite Alenoush Saroyan

L'Université tient également à remercier les membres de la communauté mcgilloise dont les contributions au cours de la période de remise de diplômes font de chaque cérémonie un événement mémorable.

## MUSIQUE

La musique est interprétée par le quintette *Boreale Brass*, sous la direction de  
M. Brian Sand, D. Mus. 2004.

Le chanteur est le Professeur Matthew Trevino et Nolan-Patrick Cunningham et le cornemuseur.

## PHOTOGRAPHIE DE LA CÉRÉMONIE

Chaque diplômé sera photographié sur scène. Les photos prises lors de la collation des grades seront affichées sur le site de Speq Photo à [www.speqphoto.ca](http://www.speqphoto.ca) dans les deux jours suivant la remise des diplômes.

Contactez Speq Photo au 514 351-8275,  
au 1 800 363-1142 ou à [ventes@speqphoto.ca](mailto:ventes@speqphoto.ca).

## COSTUME UNIVERSITAIRE ET HISTOIRE

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