Five hundred and ninety-six
for conferring degrees

Convocation

Presiding

Chancellor

Suzanne B. Labarge
B.A., M.B.A., D.Litt. (Hon.)

President and Vice-Chancellor

Patrick Deane
B.A. (Hons.), M.A., Ph.D.

McMaster University recognizes and acknowledges that we meet today on the traditional territories of the Mississauga and Haudenosaunee nations and within the lands protected by the Dish With One Spoon wampum agreement.
ORDER OF EXERCISES

Musical Prelude
The Graduand Procession
The Academic Procession
The Chancellor’s Procession

The Provost’s Welcome
Dr. David Farrar

The Chancellor’s Welcome
Dr. Suzanne B. Labarge

The Conferring of the Degree Doctor of Science
honoris causa on Fergus Shanahan
Citation: Dr. Patrick Deane

The Convocation Address
Dr. Fergus Shanahan

The Conferring of Degrees In-Course

Musical Interlude

The Presentation of the Graduates

The Valedictory Address
Owen Dan Luo

Awards of the 2018-2019 Session

The Health Sciences Address
Dr. Paul O’Byrne

The Alumni Address
McMaster Alumni Association

The President’s Address
Dr. Patrick Deane

Announcements

The National Anthem

Convocation ceremonies will be recorded, broadcasted live and archived at http://registrar.mcmaster.ca/grad
Follow @McMasterConvo on Twitter, and add McMaster themed Giphy stickers to your Instagram stories by searching “McMaster”!
Don’t forget to use #MacGrad2019 on all of your posts!

The President’s academic regalia is a gift of the McMaster University Alumni Association.

The Convocation Music Supervisor.................................Arlene Wright (Piano)
Convocation Trumpeters.................................................Rob DiVito and Valerie Cowie
Piper..........................................................Jamie Connolly
Vocalist..........................................................Gordon Simmons
THE RITUALS OF CONVOCATION

The procession of the graduands in plain black gowns and of faculty and officers of the University in colourful and varied regalia; the blue-robed Bedel with his ornate silver Mace; the conferring of degrees by the Chancellor; these are among the rituals of Convocation that stand in a tradition that has a history of more than 700 years.

The University's Mace is carried to and from the Convocation platform by the University Bedel and during the ceremony is splendidly displayed on the Mace Table, resting on a velvet cushion. The Mace symbolizes the authority of the University Senate to confer degrees, this authority being exercised by the Chancellor.

Bedels were functionaries and maces were weapons hundreds of years before universities emerged in the 12th and 13th centuries. So it is that McMaster’s Bedel carries the University Mace directly in front of the Chancellor, symbolically to protect her.

The Chancellor sits on a massive oak ceremonial chair that bears a carved representation of an early version of the University Seal. She requests that members of the graduating classes rise from their seats and then admits them to their respective degrees. The graduating classes are then invited to join the Chancellor on stage. Once a graduate's name is called, they are hooded facing the audience, and then are congratulated and welcomed to the community of scholars by the Chancellor and President.

The academic hood is symbolic of admission to a university degree and carries colours specific to a particular degree. It is derived from clothing worn in medieval times, when a hood was similar to that of a modern parka and served the same purpose of protection in inclement weather. The hood that the Registrar or pro-Registrar deftly puts over a graduand’s head is a link to the dress of students of at least seven centuries ago.

To the left of the main podium stands McMaster’s Coat of Arms. The symbol of the stag and tree, constituting the crest of these Arms, was the personal emblem of Senator William McMaster, whose munificent benefaction made possible the founding of the University in 1887.

The President of the University attends Convocation but it is the Chancellor, the titular head of the University, who presides over this ancient ceremonial. Her seniority is indicated by her robe being more elegant than the President’s. The President relieves the Chancellor of making announcements, may present an honorary graduand for his or her degree and, as Vice-Chancellor, confers degrees when the Chancellor is unable to do so.

A Chancellor, Vice-Chancellor, Bedel and Registrar share with a seal, mace, colours, robes and coat of arms a history of hundreds of years of association with universities. Each of these traditional inheritances is a part of McMaster University and all of them come together on the platform of its Convocations.

McMASTER UNIVERSITY:

CHANCELLORS
1887 – 1890 Malcolm Mac Vicar
1892 – 1895 Theodore H. Rand
1895 – 1905 Oates C. S. Wallace
1905 – 1911 Alexander C. McKay
1911 – 1922 Abraham L. McRimmon
1922 – 1941 Howard P. Whidden
1941 – 1950 George P. Gilmour
1950 – 1955 E. Carey Fox
1955 – 1960 Roy L. Kellock
1960 – 1965 Charles P. Fell
1965 – 1971 D. Argue C. Martin
1971 – 1977 Lawrence T. Pennell
1977 – 1986 H. Allan B. Leal
1998 – 2007 Melvin M. Hawkridge
2007 – 2013 Lynton R. Wilson
2013 – Suzanne B. Labarge

PRESIDENTS
1949 – 1961 George P. Gilmour
1961 – 1972 Henry G. Thode
1980 – 1990 Alvin A. Lee
1995 – 2010 Peter J. George
2010 – Patrick Deane
PRESIDENT’S MESSAGE

Convocation is an exciting time in the calendar of any university; a time to celebrate achievement, to reflect on the past, and to anticipate the future and the path that lies ahead. It also represents a time of liberation, the ending of one phase of life and a last, symbolic statement of the discipline to which students have been required to submit themselves throughout their studies.

While it is impossible at such events not to celebrate the infinite promise of individual lives, it is important to be aware of the communal significance of convocation. In the ancient English universities, convocation was the legislative body that oversaw operations of the institution, and to be admitted to a degree was to be admitted to membership. By extension, therefore, convocation was a reaffirmation of not an individual but a joint enterprise.

Students today have learned the importance of collaboration and partnership, and more than ever understand that the future health, prosperity and cultural vitality of our society depends upon our ability to cooperate, to act together, and to learn from one another. My fervent hope is that graduating students will see their convocation not as an end of growing together, but rather as an opportunity for deepening that process. As alumni they will have many opportunities to renew existing partnerships, and they will be well prepared to forge new ones in the greater community beyond our own.

Personal fulfillment through community: this is indeed one of the longstanding paradoxes of university life, but it is surely also a sound principle for us all to pursue in the world at large. In wishing today’s graduating students good luck, I feel great confidence in our joint future and great anticipation of everything that, collectively, they will achieve.

Patrick Deane
President and Vice-Chancellor

ALUMNI ASSOCIATION GREETINGS

On behalf of your fellow McMaster alumni, I offer you sincere congratulations for having successfully earned your degree. In addition to growing through the challenges of obtaining your formal education, I hope you have taken full advantage of everything McMaster has to offer outside the walls of the classroom.

As an alumnus or alumna you are entering a new phase in your relationship with McMaster. Graduation is merely a milestone in your life-long association with our University. As alumni, you can play a continuing role as supporters of McMaster’s excellence by sharing your time, expertise, and enthusiasm with your alma mater.

As your Alumni Association, we are committed to providing you with many opportunities to maintain and grow your links with McMaster. McMaster’s alumni network, events, offerings, experiences, and programs will be great resources in your post-degree endeavours. I welcome you to the next step in a rewarding and dynamic relationship with our world-class university.

Stephanie McLarty, BASc’03
President, McMaster Alumni Association
SUZANNE B. LABARGE

Chancellor, McMaster University

A native of Ottawa, Ms. Labarge holds a Bachelor of Arts degree in economics from McMaster University and a Master of Business Administration from the Harvard Business School.

Ms. Labarge joined Royal Bank in 1971 and held a variety of positions within the bank prior to being appointed an executive officer in 1979. She left the bank in 1985 to join the federal government as assistant auditor-general where she was responsible for a report on Financial Management and Control in the Government of Canada.

She joined the Office of the Superintendent of Financial Institutions Canada in 1987 as deputy superintendent, policy responsible for developing regulatory policies for Canadian financial institutions. She was a member of the BIS Committee for Bank Supervision. In her last position as deputy superintendent, deposit-taking institutions, Ms. Labarge was responsible for all matters relating to deposit-taking institutions.

Ms. Labarge returned to the bank as executive vice-president, Corporate Treasury, in April 1995. She assumed the role of chief risk officer in October 1998 and was appointed vice-chairman and chief risk officer in February 1999. She retired from that position in December 2004.

Ms. Labarge a trustee for a Canadian family trust and director of associated companies. Ms. Labarge served as a member of the Board of Directors and Chair of the Audit Committee of Coca-Cola Enterprises, a member of the Board of Directors of XL Group and chair of its Nominations, Governance and External Affairs Committee. She also served as a member of the Supervisory Board and Risk Committee of Deutsche Bank, as a director and chair of the audit committee of Novelis Inc and as a member of the Board of the Bank of China, Beijing.

She served on the Board of Governors for McMaster University for twelve years. She was appointed Chancellor of McMaster University in Sept. 2013. She also serves on the board of the Ontario Brain Institute.

She was granted an honorary Doctor of Letters degree from McMaster University and is a recipient of the Queen’s jubilee medal.
PRESENTERS OF DEGREES, DIPLOMAS, AND CERTIFICATES

Dr. Dina Brooks  
Vice-Dean (Rehabilitation Science) and Professor, School of Rehabilitation Science, Faculty of Health Sciences

Dr. Elizabeth Darling  
Assistant Dean, Midwifery Education Program, Faculty of Health Sciences

Dr. Stacey Ritz  
Assistant Dean, Bachelor of Health Sciences (Honours) Program, Faculty of Health Sciences

Dr. Rob Whyte  
Assistant Dean, Undergraduate MD Program, Faculty of Health Sciences

DOCTOR OF PHILOSOPHY

BIOCHEMISTRY

Alexandria Afonso  
Thesis: Creation of a Patient-Specific Endothelial Model to Investigate the Role of DHX34 in Early-Onset Coronary Artery Disease

David Bakhshinyan  
Thesis: Genes Preserving Stem Cell State in Medulloblastoma Contribute to Therapy Evasion and Relapse

Dingran Chang  
Thesis: Developing DNA Based Biosensors for Clostridium difficile Detection

Bushra Ilyas  
Thesis: Identifying Novel Regulatory Inputs Governing Salmonella Enterica Niche-Specific Gene Expression

Michelle Kameda  
Thesis: Characterization of Musashi-1 in Pediatric Group 3 Medulloblastoma

Steven F. Moreira  
Thesis: Elucidating TCF7 and TCF7L1 Functions and Gene Regulatory Mechanisms in Mouse Embryonic Stem Cells

Maleeha Ahmad Qazi  
Thesis: A Pre-Clinical Model of Glioblastoma Recurrence to Identify Personalized Therapeutic Targets

HEALTH RESEARCH METHODOLOGY

Ashley Joel Bonner  
Thesis: Contributions to Sparse Statistical Methods for Data Integration

Tahira Devji  
Thesis: Enhancing Methods for Analyzing and Interpreting Patient-Reported Outcomes in Clinic Research and Evidence-Based Decision Making

Joycelyne Efua Ewusie  
Thesis: Improved Methods for Interrupted Time Series Analysis Useful When Outcomes are Aggregated: Accounting for Heterogeneity Across Patients and Healthcare Settings

Vanessa Ha  
Thesis: The Association of Genetic and Dietary Exposures with Gestational Diabetes Mellitus Risk

Mary Alison Maloney  
Thesis: Health Technology Reassessment Frameworks

Veena Manja  
Thesis: The Ecology of Clinical Decision Making

Sergey Muratov  
Thesis: Characterization of Incident Senior High-Cost Healthcare Users in Ontario: Policy and Research Implications

Danielle Nash  
Thesis: Understanding and Improving the Quality of Primary Care for Patients with Chronic Kidney Disease

HEALTH POLICY

Mathieu Jean-Patrick Poirier  
Thesis: Measuring International Health Inequalities and Socioeconomic Status Using Household Survey Data

Claudia Marcela Vélez  
Thesis: Understanding the Role of Values in Latin American Health Systems
Stefan Schandelmaier  
Thesis: Evaluating the Credibility of Effect Modification Claims in Randomized Controlled Trials and Meta-Analyses

Jennifer Sjaarda  
Thesis: Exploring the Role of Biomarker Genetics in Cardiovascular Disease

Li Wang  
Thesis: The Efficiency of Acute Care Hospitals in Canada

REHABILITATION SCIENCE

Juan José Yepes Nuñez  
Thesis: Solutions to High-Priority Challenges in Systematic Reviews: Network Meta-Analysis and Integrating Randomized and Non-Randomized Evidence

Pamela Lahey  

MEDICAL SCIENCES

Tanya Miladinovic  
Thesis: Studies of the Neuroimmune Response in Cancer-Induced Pain

Ahmed Mohamed Negm  
Thesis: Optimizing Functional Performance of Frail Older Adults and their Caregivers

DOCTOR OF PHILOSOPHY AND DOCTOR OF MEDICINE

MEDICINE AND BIOCHEMISTRY

Branavan Manoranjan  
Thesis: Bi-directional Vulnerability of Brain Tumors to Wnt Signaling

MASTER OF SCIENCE

BIOCHEMISTRY

Jennifer Y. Cui
Zaid Ahmed Sameer

CHILD LIFE AND PEDIATRIC PSYCHOSOCIAL CARE

Alexandra Christofides

GLOBAL HEALTH

Jalal Nabil El Halabi
Youdon Tenzin Khangsar
Sumiya Lodhi
Sherry A. R. Nesbitt

HEALTH RESEARCH METHODOLOGY

Sofia Joanna Bzovsky
Natalia Soledad Causada Calo
Luis Enrique Colunga Lozano
Federico Germini
Mira Goldberg
Chuan Silvia Li
Amyn Sayani
Taryn Scott
Jacqueline Khet-Ling Wong

HEALTH SCIENCE EDUCATION

Emily May Block
Laura Davey

Nicole Didyk
Morgan Grant Hillier
Ana Maria Iancu
Emma Seager
Sarah Christine Shackleton
Asma Shafique
Daphna Joy Steinberg
Mohammed Hadi Tawhari

REHABILITATION SCIENCE

Rachel Bader
Erin Elizabeth Cole
Jennifer Dhawan
Beatrice Vignola Lavergne
Janelle Patricia Panday
Jordan Schwartz
Samuel Alexander Spencer
Sydney Marie Stokoe
Vanessa Martins Tomas

Sabrina Shrestha
Elianeh Danielle Sims
Ekaterina Kirlova Todorova

Vishal Patel
MASTER OF SCIENCE (OCCUPATIONAL THERAPY)
Rachel Lynne Sterling

MASTER OF SCIENCE (PHYSIOTHERAPY)
Michael Wadie

MASTER OF PUBLIC HEALTH
Olubusola Oluwaseyi Ayodele
Katie Yan Yi Cheung
Tiffany Dang
Jade Clarice Goodman
Shuaib Hafid
Anusha Hewagama
Yunlong Liang
Bethina Loisau
Nimitha Paul
Guneet Kaur Saini
Harman Singh Sandhu
Ravinder Sandhu
Kwasi Sarpong
Amanda Sophia Stypulkowski
Dessislava Telbis
Meagan Richelle Tibbits
Maryan Warsame
Ying Zhu

DOCTOR OF MEDICINE
Daniyal Abdali
Suhail Agarwal
Haroon Ahmad
Sara Alavian
Victoria Anne Archer
Serena Jain Arora
Tauben Averbuch
Arden Rehanah Kelcy Azim
Rebekah Michelle Baumann
Jennifer Rose Beckett
Yassmin Behzadian
Simon Peter Beshara
Rachel Mariah Bierbrier
Rosalind Patricia Bihun
Tanisha Birk
Claire Heather Edith Bodkin
Suzanne Boursalie
Xyza Cheriz Brual
Maurana Karin Tober Brush
Nicole Elizabeth Buchanan
Kat Butler
Tiandra Anita Ceyhan
Stephanie Pui-Tong Chan
Cindy Chaoe Shuen Cheng
Kevin Cheung
Kai Ling Chieh
Ryan Byeong-Geon Cho
Elaine Choi
Tristan Colterjohn
Celine Conforti
Genevieve Crush
Valerie Wenche Cui
Kayla Dadgar
Michael Daniel DeDominicis
Victoria Maria Krystina DeVito
Jasneet Kaur Dhaliwal
Gagandeep Dhillon
Nathasha Samantha Dias
Maylynn Ding
Kevin Donak
Anne Beatrice Lange Drury
Sujan Elancheran
Adam James Eqbal
Sheniz Jozefin Eryuzlu
David Eli Freedman
Catherine Friedman
Sahra Saleim Aladi Gedeleh
Cameron Robert Giles
Kyle Ernest Godden
Brennan Golemiec
Jennifer Gordon
Daniel Gow
Rachel Lynn Greer
Giuliana Giuseppina Guarna
Senthujan Gunaseelan
Anmol Pankaj Gupta
Himanu Gupta
Priya Gupta
Kaela Gusenbauer
Rebecca Anne Harrison
Lindsay Ann Hasegawa
Cameron Vincent Henry
Peter Hoang
Alyson Holland
Kaitlyn Elizabeth Noelle Howden
Rui Hu
Sarah Kathleen Hughes
Nadia Igdoora
Vinay Jayachandran
Mohamad Ali Kesserwan
Sasha Kheyson
Grace Yoon-Jeong Kim
Ji Kim
Patrick Martin Hye-Rim Kim
Elana Kimmel
Teagan Lee King
Sophie Alberto Kloppenburg
Maryam Kotait
Mario Kovacevic
Hannah Carrie Kraicer-Melamed
Anvita Kulkarni
Andrea Lynn Kwan
Ryan Mark Labelle
James Chun-Yung Lai
Tracy Chak-yan Lai
Kevin Lam
Manpreet Kaur Lamba
Rebecca Danielle Stewart Lauwers
Janice Lee
Jennifer Leigh
Thomas Lenferna De La Motte
Amanda Lynn Leslie
Jasmine Natalie Levesque
Angela Li
Madison Claire Links
Rhys Andreas Linthorst
Jasmine Shi-Wen Liu
Stefano Lopiccolo
Jessica Evelyn King Luksts
Casey Kai-Yee MacKenzie
Karishma Manji
Jennifer McAlister
Sean McIntosh
Haonan Mi
Adam Miller
Kazim Mirhadi
Nabil Mitha
Mustafa Mohamedali
Syena Moltafi
Kimberly Moore
Brenden Joseph Murphy
Stephanie Ann Napoleone
Adrian David Nasager
Nivishitha Navaratnam
Kimberly Ng
David Dac-Toan Nguyen
Tina Nham
Aditya Nidumolu
Katalina Yuen-Ling Ong
Allison Debbie Chang Ouellette
Sara Pardisnia
Rachel Nadine Parker
Ryan Jordan Patak
Kaitlin Patrick
Alex Rebecca Pearce
Ryan John Peters
Elyse Marie Platt
Long Kin Poon
Aaron Donald Roydon Prosser
Jakob Pugi
Sadad Rahman
Kyall Rakoz

★ with distinction (achievement of a minimum Grade Point Average of 9.5/12)
BACHELOR OF HEALTH SCIENCES (MIDWIFERY)

Zainab Attia
Sequoya Bartrem
Stephanie Bilan
★ Naomi Jenny Faith Bordush
Elizabeth Christie
Amanda Comeau
Samantha Doak
Julie Dow
★ Natalie Sarah Dykstra
Rachel Elliott
Hilary Everton-Meyer
Hannah Janelle Fuaco
Elia Zaynab Glabush
★ Mariena Corinn Guenther
★ Adelle Harman
Jessica Hebert
Lauren Mary Elizabeth Henderson
Sunny Humber
Alexis Rose Juliao
★ Jennifer Leigh Knoll
Marni McCluskey
Catherine Moor
Tracy Mullet
★ Kelsey Murray
★ Fiona Mary Overgaauw
★ Katie Elaine Pountney
★ Victoria Kelly Reid-Burke
★ Bethany Loretta Rempel
Hannah Elizabeth Riedstra
★ Allison Rigney
★ Hailey Ruyter
★ Stacey Janna Skelton
Jennifer Christine Sullivan
★ Rachel Louise Thomson
Heike Twelkemeyer
Sarah Elizabeth Vreugdenhil
Hailey Wiebe
★ Laura Wiebe
Sarah Wood

BACHELOR OF HEALTH SCIENCES

★ Bipandeep Abbat......Bachelor of Health Sciences (Minor in French)
★ Ahmed Abdelaal......Bachelor of Health Sciences
★ Hamdi Mohammed Abdo ....Biomedical Discovery & Commercialization
★ Akanksha Aggarwal ..............Bachelor of Health Sciences
★ Khashayar AKBari-Kelachayeh ..............Bachelor of Health Sciences
★ Adil Al-Mehiawi .........Bachelor of Health Sciences
★ Steven Alchi ..............Bachelor of Health Sciences
★ Zaid Osama Alomari..............Bachelor of Health Sciences
★ Nour Alyousef ..............Biomedical Discovery & Commercialization
★ Tahliq Amir ..............Bachelor of Health Sciences
★ Gaurav Arora ..............Bachelor of Health Sciences
★ Julia Marie Avolio ..............Biomedical Discovery & Commercialization
★ Michael James Aw ......Bachelor of Health Sciences
★ Mehrukh Aziz ..............Bachelor of Health Sciences
★ Michael Balas ..............Bachelor of Health Sciences (Minor in Computer Science)
★ Sierra Barnes ..............Biomedical Discovery & Commercialization
★ Sapriya Birk ..............Bachelor of Health Sciences
★ Alexandra J. Boucouvalas ..............Biography & Pharmacology
★ Joeppe Nathan Braga .......Biomedical Discovery & Commercialization
★ Hannah Byles ..............Bachelor of Health Sciences
★ Danielle Campagnolo ..............Bachelor of Health Sciences (Minor in Psychology)
★ Brandon Chan ..............Bachelor of Health Sciences
★ Eric Justin Chan ..............Biomedical Discovery & Commercialization
★ Rimsha Khalid Chattha .......Biomedical Discovery & Commercialization (Minor in Business)
★ Ranvir Chaudhari ..............Biomedical Discovery & Commercialization
★ Zain Cheema ..............Biomedical Discovery & Commercialization
★ with distinction (achievement of a minimum Grade Point Average of 9.5/12)
Lisa Kai Yu Cheng ............... Biology & Pharmacology (Minor in Chemical Biology)
Shi Li Cheng ..................... Biomedical Discovery & Commercialization
Andreea Chiorean .............. Bachelor of Health Sciences
Nick George Chronis .......... Biomedical Discovery & Commercialization (Minor in Psychology)
James Norman Clark .......... Biomedical Discovery & Commercialization
Flavia Ioana Cordos .......... Biomedical Discovery & Commercialization
Jacob James Curtis .......... Biology & Pharmacology
Desiree Charmain D’Souza ... Biomedical Discovery & Commercialization
Aaron Mindert De Jong ...... Biomedical Discovery & Commercialization
Michael Dennis ............. Bachelor of Health Sciences
Deven Mahendra Deonarain ..... Bachelor of Health Sciences
Veeral Kushant Desai ......... Bachelor of Health Sciences
Gurleen Kaur Dhillon ......... Biomedical Discovery & Commercialization (Minor in Biology)
Sara Diab ................... Bachelor of Health Sciences
Alexandru Dragoman ............ Bachelor of Health Sciences
Ahmed Nair Draiaia .......... Biomedical Discovery & Commercialization
Rafik El Werfalli ............. Biomedical Discovery & Commercialization
Youssef El-Feki .............. Bachelor of Health Sciences
Rawaan Elsawi ............. Bachelor of Health Sciences
Negar Esfandiar ............ Bachelor of Health Sciences
Katherine Alison Halla ......... Bachelor of Health Sciences
Zina Fatthaia ............... Bachelor of Health Sciences
Tali Fedorovsky ............ Biomedical Discovery & Commercialization
Siya Rajan Gagkar .......... Bachelor of Health Sciences
Stephanie Anna Gagnon ....... Bachelor of Health Sciences
Matthew J. Gallo .......... Bachelor of Health Sciences
Annie Theresa George ......... Bachelor of Health Sciences
Mark George ............. Bachelor of Health Sciences
Seyed Aryan Ghaffari-zadeh .... Bachelor of Health Sciences
Julian Yahya Ghassemian ...... Bachelor of Health Sciences
Jaskaran Gill ................ Bachelor of Health Sciences
Mackenzie Sarah Green ....... Bachelor of Health Sciences (Minor in Psychology)
Xi Yao Gui ................... Bachelor of Health Sciences
Yaswinta Gumadi ............ Bachelor of Health Sciences
Matthew Scot Hamilton ....... Bachelor of Health Sciences
Abdullah Haroon ........ Bachelor of Health Sciences
Katrina Sachiko Hass ........ Bachelor of Health Sciences
Yusuf Hassan ............ Bachelor of Health Sciences
Haeuen Heo ................ Bachelor of Health Sciences
Rebecca Hicks ............ Bachelor of Health Sciences
Alexandra Hildebrand .... Bachelor of Health Sciences (Minor in Anthropology)
Julia Katherine Hildebrand ... Bachelor of Health Sciences
Charmaine Marie Holland ... Bachelor of Health Sciences
Erin Paige Hopkins .. Bachelor of Health Sciences
Sarah E. Hordienko ........ Biomedical Discovery & Commercialization (Minor in Biology)
Vincent Ming Fu Hou ...... Bachelor of Health Sciences
Catherine Hu ............. Bachelor of Health Sciences
Alexander Hua .......... Biomedical Discovery & Commercialization
Le Ming Huang .......... Bachelor of Health Sciences
Madeleine Hui ............ Bachelor of Health Sciences
Yun Sang Hwang .......... Bachelor of Health Sciences
Sonia Kelechi Igboanugo .... Biomedical Discovery & Commercialization
Marina Ivanova ........ Biomedical Discovery & Commercialization
Laiba Jamshed ......... Biology & Pharmacology (Minor in Biochemistry)
Yungchan Jin ............ Bachelor of Health Sciences
Bronte Kimberley Johnston .. Bachelor of Health Sciences
Emily Ann Johnston ...... Biomedical Discovery & Commercialization
Justine Juana ............ Biomedical Discovery & Commercialization
Ayesha Kalim ......... Bachelor of Health Sciences
Kiana Karimpoor .......... Biomedical Discovery & Commercialization (Minor in French)
Baqir Jamal Kedwai ... Biomedical Discovery & Commercialization
Melani Keshihi .......... Biomedical Discovery & Commercialization
Alia Amina Khaled ...... Biomedical Discovery & Commercialization
Adree Khondker ........ Bachelor of Health Sciences
Caleb Kim ............... Bachelor of Health Sciences
Do Hee Kim ............. Bachelor of Health Sciences
Minju Kim ............. Bachelor of Health Sciences
Na-Yoon Kim ...... Bachelor of Health Sciences
Nicole S. Kim ......... Bachelor of Health Sciences
Wai-Lam Kwan .......... Bachelor of Health Sciences
Moyosore Ladipo ....... Bachelor of Health Sciences
Jeffrey Lam Shingoun .... Bachelor of Health Sciences
Lekhini Latchupatula .... Bachelor of Health Sciences
Brandon Law ........... Biomedical Discovery & Commercialization (Minor in Business)
Rebecca Leclair .... Bachelor of Health Sciences
Anna Lee ............. Bachelor of Health Sciences
Michael Ho-Yan Lee ...... Bachelor of Health Sciences
So Hyun Lee ............ Bachelor of Health Sciences
Alvin Leenus ........ Bachelor of Health Sciences
Gareth Chi Kin Leung .......... Bachelor of Health Sciences
Maggie He Yi Li .... Bachelor of Health Sciences
Grace Lin .............. Bachelor of Health Sciences
Saharina Lin ........ Bachelor of Health Sciences
Shu-Hsuan Liu ........ Bachelor of Health Sciences
Chang Lu .............. Bachelor of Health Sciences (Minor in Geography and Earth Sciences)
Esther Lu .............. Bachelor of Health Sciences (Minor in Economics)
Jia Hsuan Lu ........ Bachelor of Health Sciences
Jane Luft .............. Bachelor of Health Sciences
Owen Dan Luo ........ Bachelor of Health Sciences
Danny Ma .............. Bachelor of Health Sciences
Jian Xiao Ma .......... Biomedical Discovery & Commercialization
John Patrick MacPherson ... Biomedical Discovery & Commercialization
Dima Makkawi ............ Biomedical Discovery & Commercialization
Rohit Mahalia ........ Bachelor of Health Sciences
Grace Laura Martin .... Bachelor of Health Sciences
William Brett McIntyre .... Biology & Pharmacology
Hayley McKee ........... Bachelor of Health Sciences
Kestrel Madison McNeill .... Bachelor of Health Sciences
Eric Ryan Milne ...... Bachelor of Health Sciences
Yue Min .............. Biomedical Discovery & Commercialization
Anatoly Miroshnichenko ... Biomedical Discovery & Commercialization
Mijia Murong ........ Bachelor of Health Sciences

10 Faculty of Health Sciences
BACHELOR OF HEALTH SCIENCES

★ Matthew Liam Boroditsky

Names of graduands listed in this program are those recommended to Senate as of May 15, 2019. We regret that late additions to the graduation lists could not be included in this program. Some names of graduands may not be included in this program at the request of these individuals.
HONORARY DEGREES

Faculty of Health Sciences - School of Nursing

Brenda Flaherty, Doctor of Science

A Registered Nurse and McMaster University alumna, Brenda Flaherty worked her way up from staff nurse to head nursing positions to site administrator positions and finally to executive positions with Hamilton Health Sciences. She recently retired as the organization’s executive vice-president and chief operating officer. Flaherty was a member of the Academic Planning Group for McMaster-Mohawk-Hamilton Health Sciences, co-chaired the ALC Steering Committee for the Hamilton Niagara Haldimand Brant LHIN and chaired the Regional Stroke Steering Committee. Provincially, she served as co-chair of the Ontario Epilepsy Implementation Task Force and the Provincial Neurosurgery Ontario System Capabilities Working Group. As a community volunteer, Flaherty chaired the board of the YMCA of Hamilton Burlington Brantford and is the current chair of YMCA Canada. She has also served on the boards of the Hamilton Pastoral Counselling Centre, the Hamilton-Wentworth Industry-Education Council and the Hospital Family Houses of Ontario. She was chair of the North Hamilton Community Health Centre and is the current chair of The Change Foundation.

A member of the Hamilton Gallery of Distinction, Flaherty has received the Queen Elizabeth II Industry-Education Council and the Hospital Family Houses of Ontario. She was chair of the System Capabilities Working Group. As a community volunteer, Flaherty chaired the board of the Ontario Epilepsy Implementation Task Force and the Provincial Neurosurgery Ontario System Capabilities Working Group. As a community volunteer, Flaherty chaired the board of the YMCA of Hamilton Burlington Brantford and is the current chair of YMCA Canada. She has also served on the boards of the Hamilton Pastoral Counselling Centre, the Hamilton-Wentworth Industry-Education Council and the Hospital Family Houses of Ontario. She was chair of the North Hamilton Community Health Centre and is the current chair of The Change Foundation.

Faculty of Social Sciences (Morning Ceremony)

James O’Reilly, Doctor of Laws

Faculty of Social Sciences (Afternoon Ceremony)

Michael Dear, Doctor of Laws

Faculty of Engineering (Morning Ceremony)

Michel Rappaz, Doctor of Science

Faculty of Engineering (Afternoon Ceremony)

Donna Strickland, Doctor of Science

Faculty of Health Sciences

Fergus Shanahan, Doctor of Science

Fergus Shanahan earned his medical degree from University College Dublin and arrived at McMaster University in 1981 as a fellow in the mucosal immunology group where he contributed to a much-cited paper that helped launch the novel field of neuro-immunology. He later joined the faculty of the University of California Los Angeles and became director of the UCLA Inflammatory Bowel Disease Program. In 1993, he returned to Ireland as professor and chairman of the Department of Medicine at University College Cork, National University of Ireland, positions he maintains today. He is also the director of the Alimentary Pharmabiotic Centre and previously served as director of the Bioscience Institute.

A former president of the Irish Society of Gastroenterology and the founding director of the APC Microbiome Institute, Shanahan holds several patents and has been a co-founder of three start-up companies. A fellow of the Royal College of Physicians in Ireland, Canada and the United Kingdom, as well as the American College of Physicians, he has been named one of the top 50 Irish and Irish-American biologists and received the Irish Society of Immunology biennial medal. He was the first recipient of the Hektoen International Medical Humanities Grand Prix and was named the 2013 Science Foundation Ireland Researcher of the Year. He has also received the Royal Irish Academy gold medal for contributions to the life sciences.
The Governor General’s Academic Medal is one of the most prestigious awards a student in Canada can receive. Established in 1873, this honour recognizes exceptional academic achievement at the high-school, collegiate, undergraduate and graduate levels.

Each year, McMaster awards just two Governor General’s Silver Medals to the students at the university who have achieved the highest academic standing at the undergraduate level. Earning this accolade not only places this year’s recipients among the top students to graduate from McMaster; it places them among the top students in all of Canada.

Phelopater Sedrak

Phelopater Sedrak is graduating with an Honours degree from the Bachelor of Health Sciences (BHSc) program. For three consecutive years, he worked passionately as a Teaching Assistant for the Cellular and Molecular Biology course taught by Dr. Rangachari and Dr. Seidlitz. During his studies, he volunteered at the Hamilton General Hospital and the SENACA Seniors Day Program which allowed him to give back to his communities in Hamilton and Mississauga. He also travelled to Saskatchewan for a few summers where he volunteered in Canadian communities abroad. In fourth year, Phelopater conducted a clinical research project for his undergraduate thesis examining the impact of surgery wait times on patient quality of life under the supervision of Dr. Devin Peterson. Phelopater would like to dedicate this award to his Christian faith, and express his sincere gratitude to his father, mother, sister, and friends for their never-ending support throughout his journey at McMaster.
Faculty of Health Sciences

Owen Dan Luo

Owen is a graduating BHSc (Hon.) student specializing in Child Health. Owen has improved the educational experience at McMaster University by teaching wellness and self-care as a Teaching Assistant, developing interdisciplinary health and wellness curricula as an Educational Research Assistant, and celebrating student voices as the Editor-in-Chief of McMaster University’s Undergraduate Health Sciences Journal, The Meducidator. Owen has advocated for children with special needs and empowered other students to do the same by founding the McMaster Stem Cell Club to coordinate stem cell donor recruitment on campus, teaching social skills to children with autism spectrum disorders at Woodview Mental Health and Autism Services, and chairing the 3rd Annual McMaster Child Health Conference. Owen is also a published, award-winning poet and Co-Captain of McMaster’s Varsity Men’s Foil Team. In recognition of his dedication to strengthening the McMaster University and Hamilton communities, Owen has been named a 2019 3M National Student Fellow.

Faculty of Health Sciences

Sonia Igboanugo

During her time at McMaster, Sonia’s diverse leadership experiences have shaped her into an empathetic leader, passionate about serving her community. Sonia is the co-founder and president of BAP-MAC (The Black Aspiring Physicians of McMaster), a student group with a vision to diversify the field of medicine by increasing the representation of Black doctors and healthcare professionals. Under her leadership, BAP-MAC secured an $84,000 grant from the Ontario Trillium Foundation which allowed BAP-MAC to host the inaugural iRISE conference and expand their work.

As a community advisor, she listened to academic challenges and provided peer support for first-year students transitioning into university. Sonia has been able to channel her passion for advocacy through various initiatives in her local community. As a member of Member of Parliament, Filomena Tassi’s Constituency Youth Council, she advocated for issues like homelessness and reintegration justice. Sonia’s commitment to addressing social and health inequities are seen in her involvement with the McMaster Community Poverty Initiative and the Racial Health Equity Network.

At the vanguard of her academic pursuits is a desire to thrive where health equity & health innovation intersect. Sonia would like to dedicate this award to the entire BAP-MAC team, her parents, Stanley & Chidimma Igboanugo and her mentors Dr. Juliet Daniel and Ike Okafor.

Faculty of Humanities and the Arts & Science Program

Manveetha Muddaluru

Faculty of Science (Morning Ceremony)

Sinthu Senthilmohan

Faculty of Social Sciences (Morning Ceremony)

Maddie Brockbank

Faculty of Engineering (Afternoon Ceremony)

Alyssia Jovellanos

Faculty of Science (Morning Ceremony)

Dr. Daniel Goldreich

Associate Professor,
Department of Psychology, Neuroscience & Behaviour

Faculty of Engineering (Morning Ceremony)

Michael Justason

Program Chair and Lecturer,
W. Booth School of Engineering Practice and Technology
Honouring McMaster’s commitment to creating a brighter world, Sebat hopes to of students advocating and empowering black-identifying individuals to pursue medicine. President of the Black Aspiring Physicians of McMaster, Sebat was part of a collection. She co-founded an innovative student group on campus, McMaster People Project, and advises first-year students transitioning into University. In the past two years, with the Hamilton Basketball Association and Welcome Week Representative for the Annual McMaster Child Health Conference. Owen is also a published, award-winning disorders at Woodview Mental Health and Autism Services, and chairing the 3rd donor recruitment on campus, teaching social skills to children with autism spectrum. Owen has advocated for children with special needs and empowered other students continue cultivating human potential, supporting other’s vision, and become a health leader. She recently joined Empowerment Squared as an academic mentor where intersect. Sonia would like to dedicate this award to the entire BAP-MAC team, her parents, Stanley Faculty of Science. She shares her passion for basketball by coaching 10 year old boys, At the vanguard of her academic pursuits is a desire to thrive where health equity & health innovation justice. Sonia's commitment to addressing social and health inequities are seen in her involvement with organizations such as the Canadian Mental Health Association and Grand Challenges Canada. As a community advisor, she listened to academic challenges and provided peer support for first- BAP-MAC secured an $84 000 grant from the Ontario Trillium Foundation which allowed BAP-MAC increasing the representation of Black doctors and healthcare professionals. Under her leadership, Ushma would like to dedicate this award to her most significant role models – her field of global health. Madeline Lionel’s profession in healthcare with her passion for humanitarianism to contribute to the Faculty of Science (Morning Ceremony). During her time at McMaster, Sonia’s diverse leadership and self-care as a Teaching Assistant, developing interdisciplinary health and wellness curricula as an and resilient individual. Many of Sebat’s undergraduate experiences haveตำบ. In preparation for a pathway to access postsecondary education, Alyssia Jovellanos integrations between the social, emotional, and academic development of children. She has been involved in and Grand Challenges Canada. Senthu Senthillmohan  

CONGRATULATIONS!  
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