

*Five hundred  
and seventy-seventh*  
**Convocation**  
*for conferring degrees*

*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.

# 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 cushion is maroon with a piping of grey, the McMaster colours. 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.

The backdrop to the Convocation platform displays 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. Handcrafted by Dorothy Gregson and Margaret Wallace, this banner celebrated 30 years of service at McMaster Convocation ceremonies in 2014.

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.



*The University Mace was a gift in 1950 from the class of 1900*

## 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. McCrimmon

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

1986 – 1992 John H. Panabaker

1992 – 1998 James H. Taylor

1998 – 2007 Melvin M. Hawkrigg

2007 – 2013 Lynton R. Wilson

2013 – Suzanne B. Labarge

## PRESIDENTS

1949 – 1961 George P. Gilmour

1961 – 1972 Henry G. Thode

1972 – 1980 Arthur N. Bourns

1980 – 1990 Alvin A. Lee

1990 – 1995 Geraldine A. Kenney-Wallace

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.

A handwritten signature in cursive script, appearing to read 'Patrick Deane'.

*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.

A handwritten signature in cursive script, appearing to read 'Don Bridgman'.

*Don Bridgman BPE '78  
President, McMaster Alumni Association*

# SUZANNE B. LABARGE

*Chancellor, McMaster University*



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

Dr. 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, Dr. Labarge was responsible for all matters relating to deposit-taking institutions.

Dr. 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.

Dr. Labarge is a member of the Board of Directors and Chair of the Audit Committee of Coca-Cola Enterprises. She also serves on the Board of Directors, the Audit Committee and the Risk and Finance Committee of XL Group and is trustee for a Canadian family trust and director of associated companies. She has 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 was also 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 September 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.

# ORDER OF EXERCISES

*Master of Ceremonies: Dr. David Farrar, Provost & Vice-President, Academic*

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

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Welcoming Remarks  
*Dr. Douglas Welch, Vice-Provost and Dean of Graduate Studies*

The Chancellor's Welcome  
*Dr. Suzanne B. Labarge*

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The Conferring of the Degree Doctor of Letters *honoris causa* on Sir Rory Collins  
*Citation: Dr. Patrick Deane, President and Vice-Chancellor*

The Convocation Address  
*Sir Rory Collins*

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The Conferring of Degrees In-Course

Musical Interlude

The Presentation of the Graduates

The Valedictory Address  
*Gautham Krishnaraj*

Awards of the 2016-2017 Session

The Alumni Address  
*McMaster Alumni Association*

The President's Address  
*Dr. Patrick Deane*

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Announcements

The National Anthem

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Convocation ceremonies will broadcast live and be archived at <http://registrar.mcmaster.ca/grad>

Follow **@McMasterConvo** on Twitter, tweet with **#MacGrad2017** and try our Snapchat filter for McMaster grads!

**The President's academic regalia is a gift from the McMaster University Alumni Association.**

The Convocation Music Supervisor..... Arlene Wright (Piano)  
Convocation Trumpeters..... Robert DiVito and Valerie Cowie  
Piper..... Jamie Connolly  
Vocalist..... Emily Rebekah Taub

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## PRESENTERS OF DEGREES, DIPLOMAS, AND CERTIFICATES

Dr. Brian Coombes,  
*Professor and Chair of the Department of  
Biochemistry and Biomedical Sciences*

Kristen Burrows,  
*Assistant Dean of the Physician Assistant Education Program*

Dr. Stacey Ritz,  
*Associate Professor (Pathology and Molecular Medicine) and  
Assistant Dean of the B.H.Sc. (Honours) Program*

Dr. Patty Solomon,  
*Associate Dean (Health Sciences) and  
Director of the School of Rehabilitation Science*

Dr. George Thomas,  
*Professor Emeritus of the Department of Linguistics and Languages*

## DOCTOR OF PHILOSOPHY

### BIOCHEMISTRY

Leili Aslostovar

Thesis: Dopamine Receptor Targeting in Human Acute Myeloid  
Leukemia

Sonam Bhatia

Thesis: Transcriptional Regulation of Pluripotency and Cell Fate

Sara Lilise Nicole Kilmury

Thesis: Characterization of the PiIS-PiIR Two Component Regulatory  
System of *Pseudomonas Aeruginosa*

Jennifer Lau

Thesis: Characterizing the Diversity and Complexity of the Human Gut  
Microbiome Through the Combination of Culture and Culture-  
Independent Methods

Brian Richard Tuinema

Thesis: Innate Immunity Evasion Through D-Amino Acid Sequestration

Fiona Whelan

Thesis: Investigations of the Microbial Communities of the Respiratory  
Tract in the Elderly and in Cystic Fibrosis via Culture-Dependent  
and -Independent Approaches

### HEALTH POLICY

Leigh-Anne Bridget Gillespie

Thesis: "Ethics Is Part of That as Well": Navigating the Landscape of  
Humanitarian Healthcare Policy

Cristina A. Mattison

Thesis: The Roles of Midwives in Health Systems

### HEALTH RESEARCH METHODOLOGY

Carlos Alberto Cuello Garcia

Thesis: The Role of Randomized and Non-Randomized Studies in  
Knowledge Synthesis of Health Interventions

Tetsuya Isayama

Thesis: Health Service Utilization Of Late Preterm Infants

Mohammad Shofiqul Islam

Thesis: Statistical Methods for Data Integration and Disease  
Classification

Xuejing Jin

Thesis: Measurement of Quality of Life of Patients with Type 2  
Diabetes in China

Bruno Kovic

Thesis: Evaluating the Association Between Progression-Free Survival  
and Health-Related Quality of Life in Cancer

Hudson Reddon

Thesis: Gene-Environment Interactions in Obesity: Current Evidence  
and Future Directions

Pimwara Tanvejsilp

Thesis: Pharmaceutical Care for Pulmonary Tuberculosis Treatment in  
Thailand

# DOCTOR OF PHILOSOPHY (CONTINUED...)

Elena Tsangaris

Thesis: Establishing Content Validity and Transferability of a New Patient-Reported Outcome Instrument for Patients with Cleft Lip and/or Palate: The CLEFT-Q

Yuan Zhang

Thesis: Development of the GRADE for Patient Values and Preferences Evidence

## MEDICAL SCIENCES

Matthew John Atherton

Thesis: The Preclinical Development of Oncolytic Viral Immunotherapy for Epithelial Cancer

Ehab Ayaub

Thesis: Investigating Strategies to Modulate Macrophage Function to Prevent the Progression of Fibrotic Lung Disease

Rachel Edith Carlisle

Thesis: Inhibiting Endoplasmic Reticulum Stress Prevents the Development of Hypertensive Nephrosclerosis

Lisa Chu

Thesis: Metabolic Flexibility in Children with Obesity: Exercise as a Dynamic Stimulus to Assess Metabolic Health

Amy Joan Hector

Thesis: Strategies to Improve Skeletal Muscle Protein Turnover During Dietary Energy Restriction

Momina Ali Khan

Thesis: Investigating Implications and Mechanisms of Diet Induced Obesity for Multi Organ Function in a Murine Model of Early Sepsis

Rocky Lai

Thesis: Investigating the Role of the Pulmonary Innate Immune System in Anti-Tuberculosis Immunity

Amanda Lee

Thesis: Understanding the Role of Type I Interferon in Regulating the Innate Immune Response During Herpes Simplex Virus Type 2 Infection

Xiaozeng Lin

Thesis: BMI1 Reduces ATM and ATR Activation During DNA Damage Response Through Binding to NBS1 and TOPBP1

Justin L. McCarville

Thesis: A Role for Bacterial-Derived Proteases and Protease Inhibitors in Food Sensitivity

John Paul Oliveria

Thesis: Investigating the Immunobiology of IgE+ B Cells and Regulatory B Cells in Allergic Asthma

Manreet Padwal

Thesis: The Role of MMP9 and WNT Signaling in Peritoneal Angiogenesis

D'Andra Parker

Thesis: Functions of Multimerin 1 (MMRN1) in Platelet Adhesion and Thrombus Formation, Through Interactions With Von Willebrand Factor (VWF)

Vivek Philip

Thesis: Microbiota Induced Immune System Maturation Plays a Key Role in Development of Normal Behaviour

Irene A. Rebalka

Thesis: The Inhibition of PAI-1 for Restoration of Skeletal Muscle and Skin Repair in Diabetes Mellitus

Richard Van Krieken

Thesis: SREBP-1 and Cell Surface GRP78 are Important Modulators of TGF- $\beta$ 1 in the Progression of Diabetic Nephropathy

## REHABILITATION SCIENCE

Nicholas Brisson

Thesis: Biomechanical and Clinical Factors Involved in the Progression of Knee Osteoarthritis

Barbara Jane Cunningham

Thesis: Exploring Communicative Participation Outcomes for Preschoolers with Speech and Language Delays

Anthony DiGiacomo

Thesis: Interdisciplinary Mental Health Professionals' Definition and Implementation of Evidence-Based Practices

Michelle Phoenix

Thesis: Parents' Attendance, Participation and Engagement in Children's Developmental Rehabilitation Services

# MASTER OF BIOMEDICAL DISCOVERY & COMMERCIALIZATION

Areeba Athar  
Stephen Catapano

Rachel Fong  
Sheetij Ghoshal

Yue Hu  
Zachary Andrew Lin

Banvir Singh  
Sherry Xiaoxuan Yang

## MASTER OF SCIENCE

### BIOCHEMISTRY

Amjad Arrabi  
Amanda Gemma Hrenczuk  
Ricky Lali  
Linda Liu  
Michelle Ly  
Victoria Anne Marko  
Margarita Anne Rashev  
Arthur Oscar Sieron  
Susie Son  
Chelsea Grace Walker  
Wenqing Ye

### CHILD LIFE & PEDIATRIC PSYCHOSOCIAL CARE

Gloria So-Lim Kwong  
Courtney Lauren Rosborough  
Katelyn Frances Ross

### eHEALTH

Mervat Fahim AbdelHady  
Mona Abdullah Al-Rei  
Ali Ariaeinejad  
Hany Magdy Fouad Bestaorous  
Sara Marie Di Gregorio  
Ramanpreet Grewal  
Wael Haddad  
Maliheh Hashemi Kazar  
Chloe Catherine Jadon  
Maria Krahn  
Salim Mohd Arif  
Mamatha Musku  
Hamideh Nasseh  
Roxanne Patel  
Sangita Shantilal Patel  
Virgiliu Bogdan Pinzaru  
Binthuja Puvanendram  
Zarrin Rasizadeh  
Dol Raj Sigdel  
Raj Kumar Singh  
Nicole Yada

Basil Jiar-Ming Yang  
Mohammad S. M. Zaidalkilani

### GLOBAL HEALTH

Orezioghene Akporuno  
Elmira Amirazodi  
Anindita Banik  
Judah Ruben Samuel Batist  
Palki Bhatt  
Diana Carolina Chaparro Buitrago  
Tamara Chau  
Salma Rashid Chaudhry  
Amelia Vittoria D'Angelo  
Aaron David Edward  
Abby Louise Emdin  
Rebecca Evans  
Kaiyang Fan  
Faiha Fareez  
Katelyn Fedorak  
Sara Raspberry Camille Franklin-  
White  
Katrina Hsu  
Selena Hussain  
Edgar Ilyasov  
Deo Tabu Imaniragwa  
Sara Abdel-Raouf Ismail  
Rania Nabeel Jaber  
Ashley Emillie Jacinto  
Laura Jamieson  
Hannah Arwen Jonker  
Sejal Joshi  
Panayota Pauline Kabitsis  
Amanda Michelle Katz  
Gena Krikler  
Gautham Krishnaraj  
Madeline Catherine Kubiseski  
Sharaniaah Kuganesan  
Tsering Kalden Lama  
Mariyam Lightwala  
Sabnam Mahmuda  
Alexandra Maria Marginean  
Madeline McDonald  
Ivan Meiszinger  
Milica Milakovic

Tazreen Mona  
Mursalin Binte Monnaf  
Alyna Moosabhoy  
Lindsay Taylor Newman  
Andrew Nguyen  
Samantha Noyek  
Roohe Parmar  
Kosha Patel  
Christine Michelle Petersen  
Jelena Poleksic  
Melissa Roche-Hubbell  
Natalie Hope Rubinger  
Spencer Rutherford  
Neha Saini  
Jahangir Sartaj  
Aarti Sayal  
Shivani Shah  
Esha Sharma  
Mitchell Daniel Shiff  
Raafia Siddiqui  
Japteg Singh  
Erin Slempp  
Katherine Browning Stelfox  
Ioana Alina Stochitoiu  
Adam Miles Strub  
Michelle Turcotte  
Colm Vance  
Celia Rae Walker  
Karrie Wong  
Ailing Yang

### HEALTH RESEARCH METHODOLOGY

Theresa Aves  
Kochawan Boonyawat  
Allison Brown  
Kaitryn Campbell  
Kimberly Castellano  
Adrienne Lazar Davis  
Juan Pablo Diaz Martinez  
Radwa Elsharawi  
Salwa Farooqi  
Sana Gill  
Sarah Louise Hyett

Sarah Khan  
Kevin Seungmin Kim  
Christopher Brian King  
Dominique Leblanc  
Zhengrong Lian  
Umair Afzal Majid  
Graham Ronald McClure  
Ainsley Moore  
Duong Nguyen  
Rana Muhammad Qadeer  
Andrew Shih  
Farah Sultan  
Grace Hoi Lum Tang  
You Wu  
Michael Kuan Xu  
Dena Zeraatkar

### HEALTH SCIENCE EDUCATION

Sarah Ann Erdelyi  
Kelly Gardner  
Portia Susan Kalun  
Magdalena Kuczynski  
Brian Jason Liu  
Janet Elaine Maggio  
Allison Michelle Sohanlal

### MEDICAL SCIENCES

Hassan Ali Al Saleh  
Donald James Bastin  
Valerie Bertram  
Akshdeep Singh Bhatia  
Chad Brown  
Jasmine Dong  
Anisha Dubey  
Alexander Philip Friedmann  
Peter Matthew Grin  
Maria Elisa Haikalis  
Raphael A. Hanna  
Mohamed Imtiaz Karamat  
Sohail Hassan Mahmood  
Safaa Naiel



## MASTER OF SCIENCE (CONTINUED...)

Lisa Sara Newhook  
Pavithra Parthasarathy  
Elizabeth Perez Guzman  
Ryan Potts  
Zachariah Scinocca  
Karun Tandon  
Alexander Duart Vincent  
Danielle Vitali  
Kuan-Wen Wang  
Kristina Darlene Wiggers  
Kimberly Young

### NURSING

Selam Amare

Geo Bolofer  
Joneet Joshua Christopher  
Sarah Elizabeth D'Angelo  
Stephanie Victoria Diogo  
Marguerite Jean Eldridge  
Pamela Fellbaum  
Leah Emilie Habinski  
Sahar Naz Haji  
Michelle Heyer  
Sana Mahmood  
Sigrid Anne Elisabeth Matchett  
Leanna McCallum  
Eileen Victoria Murphy  
Ifeyinwa Mary Onyeocha  
Sweta Patel  
Lena Pignatelli

Marissa Rutherford  
Sonya Scholarchos  
Erica Elise Sertic  
Jennifer Stockdale  
Annalisa Everarda Voskamp  
Jaclyn Walmsley  
Heather Michelle Whitfield  
Carly Whitmore

### REHABILITATION SCIENCE

Shane Christopher Bates  
Sara Rose Blake Lee  
Nejin Chacko  
Youme Choi

Anya Hanna Choulsky  
Everett Claridge  
Lorelle Kerik  
Tara Lynn Laing  
Gloria Lee  
Katie Elizabeth McLeod  
Linda Nguyen  
Amanda Ratner  
Julia Lorraine Rayner  
Rhonda Gail Reardon  
Isabel Braganca Rodrigues  
Jasmine Slomp  
Roopa Somayaji  
Megan Frances Sullivan  
Carly Vandergriest  
Mitchell Gerrit Visser

## MASTER OF SCIENCE (OCCUPATIONAL THERAPY)

Nicole Amodeo  
Maryann Patricia Meredith Ashley  
Emily Bennett  
Courtney Alexandra Bergart  
Nicolas Leandro Blenich  
Karen Elizabeth Blumenstock  
Kaitlyn Brockington  
Casey Lynn Cadeau  
Amy Yuwei Chai  
Lauren W. H. Chan  
Nicole Felicia Chan  
Michael William Ciancone  
Taylor Elinore Corelli  
Sarah Victoria Darmanin  
Christopher Degagne

Elizabeth Fallowfield  
Laura Christine Fischer  
Matthew Habib  
Lauren Heinken  
Caitlin Melissa Heino  
Hayley Jones  
Adelle Kaldeway  
Ashley Sarah Kirk  
Jacqueline Kirkconnell  
Glory Lok-Yee Kwan  
Cynthia Lau  
Alison Leblanc  
Kaitlin Lewis  
Katherine Sarah Liston  
Emily Colleen Isabel Malone

Jenna Nicole McArthur  
Brianna McClelland  
Jillian McWhinnie  
Kyra Michel  
Magdalena Natalia Mirkowski  
Deanna Antoinette Morra  
Montana Kelsey Mullane  
Christine Mary Newbigging  
Alexandra Michelle Oswald  
Mansi Patel  
Alana Pontone  
Katie Lynn Provo  
Julia Grace Quinn  
Alison Rawling  
Carolyn Marie Rocca

Amelia Rose Secord  
Krista Sipprell  
Kaitlin Hanna St. Pierre  
Cassandra Starc  
Milica Stojanovic  
Rachel Strohm  
Chelsea Alexandra Shaw Tidd  
Pauline Tran  
Tristan Erin Tremblay  
Elyse Trudell  
Samantha Tuohimaa  
Anna Vehter  
Kaitlyn Pauline Walsh  
Rylee Lynn Witkowicz  
Meishan Yan

## MASTER OF SCIENCE (PHYSIOTHERAPY)

Thomas Douglas Abbass  
Grecia Lisett Alaniz  
Kristofer Arcangel  
Dana Christine Ashbee  
Lea Cristina Barreiro Damata  
Sarmina Baskaran  
Caroline Beacham  
Rachel Therese Beyer  
Michael Peter Bochus  
Aislinn Braun

Brandon Matthew Broijer  
Gregory Brown  
Kimberly Caporicci  
Rheanne Kay Carleton  
Jessica Alexandria Chin  
Alexandra Tenney Danks  
Yazmin Panik de Groot  
Audrey De Jong  
Christopher Michael Degeus  
Hilary Deverell

Tyler James DiSimoni  
Heather Elizabeth Dowling  
Bianca Fong  
Ellen Jane Janvary Gillespie  
Eva Habrowski  
Catherine Hare  
Caroline Anna Elizabeth Head  
James D'Arcy Drew Heenan  
Glen Hempstock  
Kailey Nicole Houston

Samantha Hu  
Timothy James Hurley  
Sharon Jerushica Jebaselvan  
Alexandra Emma Keizer  
Aaron Robert Kipp  
Rachel Ellen Lee  
Alysun Lillico  
Sara Mackellar  
Jessica Mahler  
Tahira Xandra Mascarenhas

★ with distinction (achievement of a minimum Grade Point Average of 9.5/12)

## **MASTER OF SCIENCE (PHYSIOTHERAPY) (CONTINUED...)**

Tiffany McKinley  
Kaitlyn McLeod  
Saba Mehrabkhani  
Kellie Ann Moher  
Shawna Neal  
Matthew Scott Nicol

Nicholas Nucci  
Kathleen Odumeru  
Alicia Page  
Joseph Michael Pagliaro  
Sarah Michelle Perruzza  
Katrina Marie Radassao

Amanda Michele Saunders  
Samy Muktar Shash  
Kristyn Charlotte St Hilaire  
Caitlenn Thompson  
Brittany Alberdina Vandyken  
Jiayu Wang

Kirsten Weber  
Caitlin May Wharin  
Andrea Yallin  
Kendra Brienne Young  
Kerri Elise Zalan  
Elysia Zavaglia

## **MASTER OF PUBLIC HEALTH**

Joyce Hay Tung Chan

Tamika Jarvis

Konrad Tomasz Lisnyj

Nicholas Quinn

## **DOCTOR OF MEDICINE**

Emir Thomas Ali  
Tyler James Faulds  
Arian Gholami

Joshua Ji Sang Hwang  
Megan Joy Louise LeGrow  
Yideng Liu

Shayan Shahsavari  
Mary Tong  
Da Xu

Nasim Zamir

## **BACHELOR OF SCIENCE IN NURSING**

Arunima Deb  
Megan Jakimczuk

★ Shirley Jie Lin Lin  
Lisa Rachel Manes

Nicole Danielle Miledi  
Carolyn Peirson

## **BACHELOR OF HEALTH SCIENCES (MIDWIFERY)**

Bonnie Irene Slaa

## **BACHELOR OF HEALTH SCIENCES HONOURS**

★ Richard Vinh Khang Nguyen .....Biomedical  
Discovery & Commercialization

★ Andrew Yang .....Bachelor of Health Sciences

★ with distinction (achievement of a minimum Grade Point Average of 9.5/12)

# BACHELOR OF HEALTH SCIENCES

- ★ Sama Anvari.....Bachelor of Health Sciences
- ★ Monica Attalla .....Bachelor of Health Sciences
- ★ Janatani Balakumaran ..... Bachelor of Health Sciences
- ★ Lauren Elizabeth Beals..... Bachelor of Health Sciences
- ★ Faizan Bhatia.....Bachelor of Health Sciences
- ★ David Bobrowski .....Bachelor of Health Sciences
- ★ Karanbir Brar .....Bachelor of Health Sciences
- ★ Sophia Calkhoven.....Bachelor of Health Sciences
- ★ Sung Min Steven Cho ..... Bachelor of Health Sciences
- ★ Kien Alonso Crosse ..... Bachelor of Health Sciences
- ★ Aninditee Das.....Bachelor of Health Sciences
- ★ Alexandra Patricia Davidson... Bachelor of Health Sciences
- ★ Dion Diep.....Bachelor of Health Sciences
- ★ Yosef Ellenbogen.....Bachelor of Health Sciences
- ★ Ashley Eom.....Bachelor of Health Sciences
- ★ Tiffany Chi Yee Got ..... Bachelor of Health Sciences
- ★ Elysia M. Grose.....Bachelor of Health Sciences
- ★ Jennifer Win Herman..... Bachelor of Health Sciences
- ★ Michelle Veronica Hoang..... Bachelor of Health Sciences
- ★ Arshia Pedram Javidan ..... Bachelor of Health Sciences
- ★ Richa John.....Bachelor of Health Sciences
- ★ Sara Jones .....Bachelor of Health Sciences
- ★ Kevin Antony Karivelil..... Bachelor of Health Sciences
- ★ Shawn Khan.....Bachelor of Health Sciences
- ★ Abirami Kirubarajan ..... Bachelor of Health Sciences
- ★ Katherine Kuo.....Bachelor of Health Sciences
- ★ Brian Wonjun Lee.....Bachelor of Health Sciences
- ★ Yung Lee.....Bachelor of Health Sciences
- ★ Xinglin Li.....Bachelor of Health Sciences
- ★ Qihong Liao .....Bachelor of Health Sciences
- ★ Victoria Sue Yun Liu ..... Bachelor of Health Sciences
- ★ Daniel Duo Lu.....Bachelor of Health Sciences
- ★ Jordan Christian Lupo ..... Bachelor of Health Sciences
- ★ Christina Tianyun Ma ..... Bachelor of Health Sciences
- ★ Faith Michael .....Bachelor of Health Sciences
- ★ Keean Nanji.....Bachelor of Health Sciences
- ★ Maxwell Carlton Ng..... Bachelor of Health Sciences
- ★ Kelsie Yen-Chen Ou..... Bachelor of Health Sciences
- ★ Michael Kian Parvizian..... Bachelor of Health Sciences
- ★ Lucshman Raveendran ..... Bachelor of Health Sciences
- ★ Mithunan Ravindran..... Bachelor of Health Sciences
- ★ Danyal Saeed ..... Biomedical Discovery & Commercialization
- ★ Ramachandiran Sethuraman... Bachelor of Health Sciences
- ★ Cameron Taheri .....Bachelor of Health Sciences
- ★ Chenchen Zichen Tian ..... Bachelor of Health Sciences
- ★ Kristen Asia Viaje.....Bachelor of Health Sciences
- ★ Isaac William Wade..... Biomedical Discovery & Commercialization
- ★ Zhuo Jing Wang.....Bachelor of Health Sciences
- ★ Ziqi Wang.....Bachelor of Health Sciences
- ★ Kristin Wright.....Bachelor of Health Sciences
- ★ William Yao.....Bachelor of Health Sciences
- ★ Si Cong Ye .....Bachelor of Health Sciences
- ★ Klement Chun-Ming Yeung ..... Bachelor of Health Sciences
- ★ WeiYang Yu.....Bachelor of Health Sciences
- ★ Chen Yang Zhang .....Bachelor of Health Sciences
- ★ Katina Zheng .....Bachelor of Health Sciences

## BACHELOR OF HEALTH SCIENCES (PHYSICIAN ASSISTANT)

- |  |                    |                         |                       |
|--|--------------------|-------------------------|-----------------------|
| Matthew-Seth de Fleuriot de la Colinière | Sarah Marie Hoffer | Janna Malone            | Hannah Robson         |
| Evan James Earl                          | Conor Jones        | Vanessa Barbara Martino | Dhanya Varghese       |
| Jessica Paige Ellins                     | Nadia Karim        | Janine Anne Moloney     | Emma Victoria Wallace |
| Samantha Galasso                         | Rabih Elia Kassis  | Kim Nguyen              | Katie Wuite           |
| Maggie Christine Hitchon                 | Saskia Remi Knol   | Thanh Nguyen            |                       |
|  | Frances Lee        | Hannah Peace            |                       |

## GRADUATE DIPLOMA IN CLINICAL BEHAVIOURAL SCIENCES

Kelsey Elizabeth Gahagan

## GRADUATE DIPLOMA IN PRIMARY HEALTH CARE NURSE PRACTITIONER

Poonam Brar

Hilary Ann Swanson

Kristina Zubrinic

*Names of graduands listed in this program are those recommended to Senate as of November 8, 2017.*

*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 those individuals.*

# HONORARY DEGREE RECIPIENTS



*Faculties of Business, Humanities, Social Sciences and the Arts & Science Program (Morning Ceremony)*

**David Lazzarato, Doctor of Laws**

David Lazzarato was born and raised in Hamilton and earned his Bachelor of Commerce degree from McMaster University in 1979 and then his Chartered Accountant (CA) designation in 1981. He was named a fellow of the Institute of Chartered Accountants in 2006. Lazzarato began his career in public accounting in Hamilton, then moved into senior finance roles with CAE, the world's largest flight simulator company. He was the controller for BCE Inc. and then senior vice-president and CFO for Bell Mobility at the time digital technology was introduced in wireless in Canada. Lazzarato then joined Allstream as the company's executive vice-president and CFO, leading the company through one of the largest restructuring transactions in Canadian history, before taking on the role of chief corporate officer with MTS (Manitoba Telecom Services).

Lazzarato then joined Alliance Atlantis Communications Inc. as executive vice-president and CFO, as well as chairman of Motion Picture Distribution. Before his retirement in 2011, as a consultant Lazzarato assisted Bell Canada with their entry into the media and broadcast sectors with their acquisition of CTV.

An active volunteer, Lazzarato has been the Chair of the Council of Chairs of Ontario Universities and the vice-chair of the board of directors for the Trillium Health Centre Foundation. Appointed to the McMaster Board of Governors in 2008, he chaired the President's Advisory Committee on the Impact of the Current Economic Situation (2009/10) and the Committee to Recommend a President (2014). He served until 2016, a term that included two years as board chair. Lazzarato currently serves on two public company Boards and has recently joined the Board of Hamilton Health Sciences.

Lazzarato and his wife Lori Loparco have six children, three of whom have (or will soon have) graduated from McMaster.



*Faculty of Health Sciences (Afternoon Ceremony)*

**Sir Rory Collins, Doctor of Science**

Using large-scale randomized trials to assess the clinical safety and efficacy of treatments for vascular disease, Sir Rory Collins has improved the health of tens of millions of people worldwide. A professor of Medicine and Epidemiology and head of the Nuffield Department of Population Health at the University of Oxford, he is also principal investigator and chief executive of UK Biobank.

Collins' research focuses mainly on the treatment of acute heart attacks, anti-thrombotic treatments and blood pressure. He has also contributed significantly to our understanding of the effects of blood lipids on arterial disease and the safety and efficacy of lipid-lowering statins. He coordinated the influential International Studies of Infarct Survival mega-trials and created the Cholesterol Treatment Trialists' collaboration. By 2012, Collins had become Europe's most widely cited clinical medicine scientist.

A fellow of the Royal Society, Collins is also a fellow of the Royal College of Physicians (RCP) Faculty of Public Health and an honorary fellow of the RCP Faculty of Pharmaceutical Medicine. His numerous awards include the European Award for Excellence in Stroke Research, the European Society of Cardiology Gold Medal, the British Cardiovascular Society Mackenzie Medal, the Royal College of Physicians Ambuj Nath Bose Medal and the International Okamoto Award from the Japan Vascular Disease Research Foundation. Collins was knighted in 2011.

## HONORARY DEGREE RECIPIENTS (CONTINUED...)



*Faculties of Engineering and Science (Morning Ceremony)*

**Gregory Fahman**, *Doctor of Science*

As general manager of National Research Council Canada Herzberg Astronomy and Astrophysics, Gregory Fahman has operated Canada's national observatories and astronomy data centre since 2003. An expert in star clusters, galaxy clusters, white dwarfs, stellar populations and photometry, he has been a visiting professor at the University of California, Santa Barbara and University of Hawaii, as well as the Rheinhardt Fellow at the Canadian Centre for Theoretical Astrophysics.

Fahman's research has had a significant influence on observational galactic and extragalactic astronomy. He is a leader in the measurement and disentangling of major stellar components of galaxies using properties such as age, dynamics and abundance of elements heavier than hydrogen and helium. He has also undertaken important studies of Milky Way star clusters, with an emphasis on exploring the remnants of the oldest stars which are used to set an independent limit on the age of the universe.

A member of the Order of British Columbia and a fellow of the Royal Society of Canada, Fahman has chaired the CASCA Committee for Image Processing, the Canadian Time Allocation Committee, the Joint Subcommittee for Space Astronomy, and the Canada Foundation for Innovation Special Multidisciplinary Assessment Committee for Major Science Initiatives. He is a member of the boards of directors for the Gemini Observatory, Square Kilometre Array Organization, the James Clerk Maxwell Telescope and the Canada-France-Hawaii Telescope.

## DISTINGUISHED ALUMNI

*The Distinguished Alumni Award recognizes McMaster University graduates who have attained a high level of distinction and achievement through scholarship, research, teaching, creative contributions to the arts or sciences and/or service to society. This Award is intended to honour alumni whose accomplishments and contributions are of national and/or international significance, and/or have had a seminal or transformative impact on their field of endeavour.*



*Faculties of Business, Humanities, Social Sciences, and the Arts & Science Program (Morning Ceremony)*

### **Patricia Demers**

Patricia Demers is a two-time McMaster graduate who is a Distinguished University Professor at the University of Alberta where she has served as chair of the Department of English and Film Studies and as associate dean of Graduate Studies. She is also a decorated teacher, having collected awards including the Rutherford Award for Excellence in Undergraduate Teaching, the Arts Faculty Teaching Award and the University Cup.

Demers has produced important scholarly work focused on early modern women's writing, Shakespearean and Jacobean drama, feminist hermeneutics and children's literature. Her books include *Instruction to Delight: Children's Literature to 1850*, *Women as Interpreters of the Bible*, *Louis Hémon's Maria Chapdelaine* and *Women's Writing in English: Early Modern England*.

Demers, who has served as vice-president of the Social Sciences and Humanities Research Council, was the first female president of the Royal Society of Canada. She also chaired the Royal Society Expert Panel on "The Future Now: Canada's Libraries, Archives and Public Memory." She is a fellow of the Royal Society of Canada and a member of the Order of Canada.



*Faculty of Health Sciences (Afternoon Ceremony)*

### **Brian Bloom**

A graduate of McMaster's biochemistry program, Brian Bloom was a PhD candidate in the Department of Physiology & Biophysics at the Mount Sinai School of Medicine when he decided to pursue a career that connected biotechnology and investment. He began working as an investment banking analyst in New York before returning to Canada to join Dundee Securities Corporation where he helped build the most profitable healthcare banking team in the country.

In 2008, Bloom co-founded the life sciences investment bank Bloom Burton & Co. which is well known for both its investment track record and for delivering the annual Bloom Burton Healthcare Investment Conference. Bloom is also a co-founder of a number of health-related companies including the McMaster spin-out Triumvira Immunologics.

A past member of the advisory board of the Cell Therapy Institute at Princess Margaret Hospital and the University of Toronto, Bloom also served on the advisory board for McMaster's Farncombe Family Digestive Health Research Institute. He is a member of the boards of directors for BIOTECANADA and the Baycrest Hospital Foundation.

# GOVERNOR GENERAL'S ACADEMIC MEDAL

*Lord Dufferin, Canada's third Governor General after Confederation, created the Academic Medals in 1873 to encourage academic excellence across the nation. The Governor General's Academic Medal recognizes the graduate students graduating with the highest academic standing.*



*Faculty of Science (Friday Morning Ceremony)*

## **Dr. Farnaz Heidar-Zadeh**

Farnaz Heidar-Zadeh completed her dual-PhD in Chemistry (McMaster) and Physics (Ghent University, Belgium) under the supervision of Paul W. Ayers in the Department of Chemistry and Chemical Biology. As a theoretical chemist, Farnaz's research focuses on developing new mathematical tools, numerical algorithms, and computer software to qualitatively and quantitatively predict the outcome of chemical phenomena. Working on a diverse set of topics ranging from fundamental quantum chemistry to machine-learning, her main contribution was developing a unified information-theoretic framework for partitioning molecules into atoms and functional groups, which subsumes most of the previous work in this area and offers a mathematically elegant partitioning scheme. Farnaz has published thirty-two peer-reviewed publications (fifteen first author articles, twelve coauthored articles, and five book chapters), and has given thirty-two oral and poster presentations at conferences and universities around the world. She has received many awards including the NSERC Vanier Canada Graduate Scholarship (ranked 2<sup>nd</sup> nationwide), and the Michael Smith Foreign Study Supplement. Her passion for learning and expanding her horizon was fostered through various international collaborations during her PhD, and lead her to undertake a postdoctoral associate position at University of Luxembourg where she is currently pursuing her research.

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## VALEDICTORIANS

*Faculties of Business, Humanities, Social Sciences, and the Arts and Science Program (Thursday Morning Ceremony)*

Kaitlin Debicki

*Faculty of Health Sciences (Thursday Afternoon Ceremony)*

Gautham Krishnaraj

*Faculties of Engineering and Science (Friday Morning Ceremony)*

Tarushika Vasanthan

## GRADUATING STUDENT AWARDS BY APPLICATION

### **Congratulations to McMaster's newest graduates!**

You are invited to apply for the 2017/18 Graduating Student Awards. Award details are available on the Student Financial Aid & Scholarships (SFAS) website at <https://sfas.mcmaster.ca> under Scholarships for Graduating Students. Application forms are available by emailing [sfas@mcmaster.ca](mailto:sfas@mcmaster.ca). Submit your completed applications by March 31st 2018. Best wishes from the SFAS Team!





*Graduates who have pre-ordered degree frames and gifts from the McMaster Campus Store website may pick up their items on site when the ceremony is complete and their gowns have been returned. Your degree will be framed in this location.*

*For those who have purchased a degree frame today before the ceremony, or would like to purchase a degree frame after the ceremony please visit the main lobby where the Campus Store offers a wide selection of Official McMaster University degree frames, crested giftware and limited edition Class of 2017 merchandise. A representative from Josten's will be on hand before and after all graduation ceremonies to help size and design the perfect ring for your graduate. Complementary degree framing also takes place in the lobby area.*



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