

DALHOUSIE UNIVERSITY
HALIFAX, NOVA SCOTIA



CONVOCATION
PROGRAMME

SATURDAY, OCTOBER 17, 1998

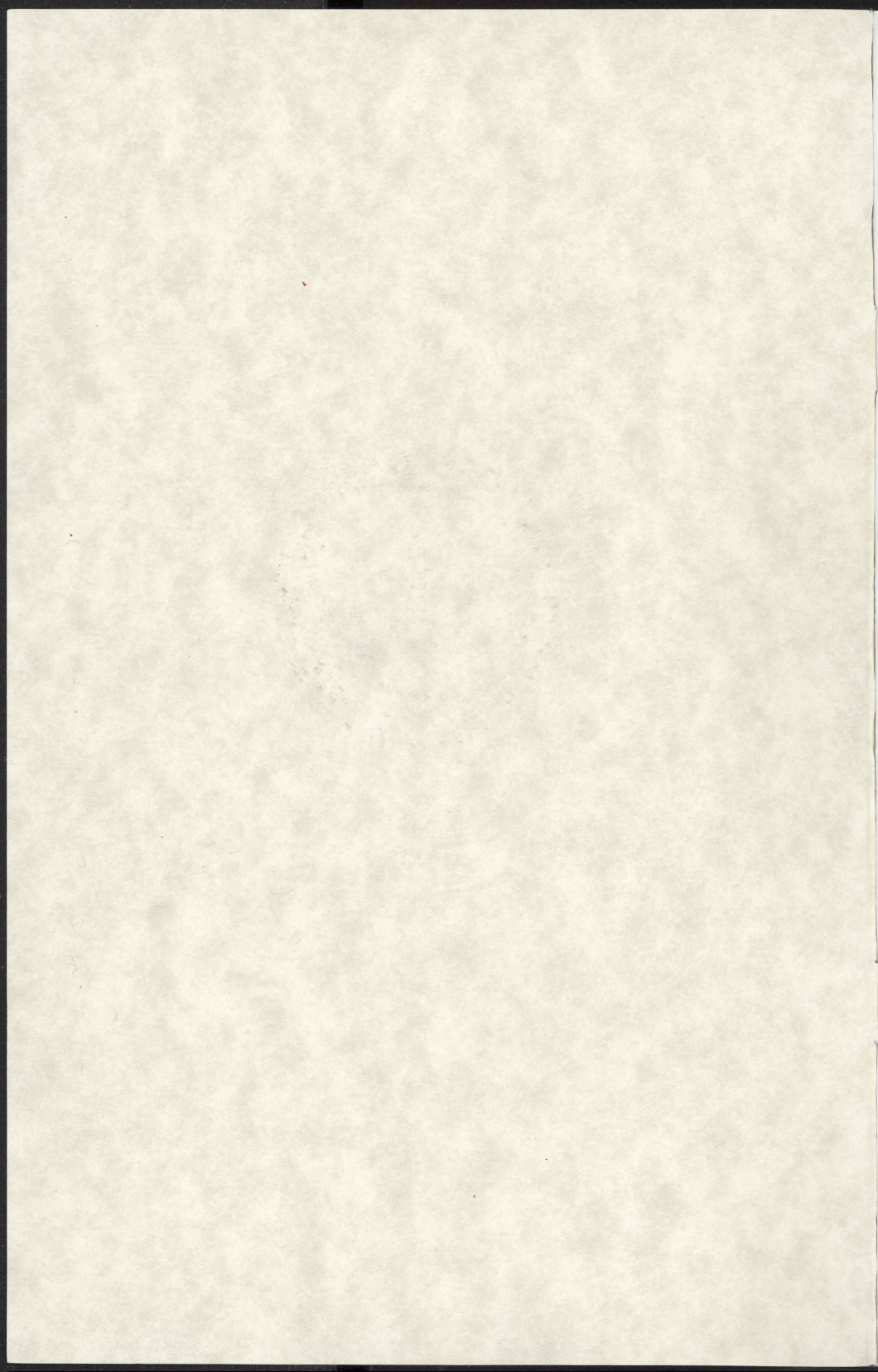


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O Canada

*O Canada! Our home and native land!
True patriot love in all thy sons command.*

*With glowing hearts we see thee rise,
The True North strong and free!*

*From far and wide, O Canada,
We stand on guard for thee.*

*God keep our land, glorious and free!
O Canada, we stand on guard for thee.
O Canada, we stand on guard for thee.*

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

RESEARCH REPORT

NO. 1234

1955

Quantum Mechanics

BY J. VON NEUMANN

AND

ALBERT EINSTEIN

AND

ERWIN SCHRÖDINGER

AND

PAUL DIRAC

AND

WOLFGANG PAULI

AND

ROBERT OPPENHEIMER

AND

ALBERT EINSTEIN

AND

ERWIN SCHRÖDINGER

AND

PAUL DIRAC

AND

WOLFGANG PAULI

AND

ROBERT OPPENHEIMER

DALHOUSIE UNIVERSITY

CONVOCATION PROGRAMME

**FACULTY OF ARTS AND SOCIAL SCIENCES
FACULTY OF SCIENCE
FACULTY OF GRADUATE STUDIES
FACULTY OF ENGINEERING
FACULTY OF COMPUTER SCIENCE
FACULTY OF ARCHITECTURE
FACULTY OF GRADUATE STUDIES (DALTECH)**

Dalhousie Arts Centre - Rebecca Cohn Auditorium
10:00 A.M., Saturday, October 17, 1998

Vice-Regal Saulute

Invocation

President's Welcome - Dr. Thomas D. Traves

Presentation of Undergraduate Diplomas,
Conferring of Undergraduate Degrees, and
Conferring of Graduate Degrees

Conferring of Honorary Degree
Doctor of Laws - Elisabeth Mann Borgese

Convocation Address - Dr. Elisabeth Mann Borgese

O Canada

The audience is requested to rise when the academic procession enters the Auditorium and to remain standing until the close of the Invocation.

The audience is invited to join in the singing of *O Canada* (page i).

After the singing of *O Canada* the audience is requested to remain standing until the academic procession has left the Auditorium.

Music for the procession and anthem is provided by the Symphony Brass Quintet.

Following Convocation a reception will be held in the Cohn lobby and Sculpture Court; all are invited to attend.

Please note that the list of graduates in this Programme is subject to change.

PRESENTATION OF DIPLOMAS CONFERRING OF UNDERGRADUATE DEGREES

Bachelor of Arts

Al-Sharhan, Abeer Abdullah <i>Advanced Double Major</i>	Halifax, NS
Button, Susan Rebecca	Harbour Grace, NF
Cremers, Tania Marie <i>Advanced Major</i>	Toronto, ON
Diamandopoulos, George A.	Montreal, QC
Donelan, Louisa Anne	Dartmouth, NS
El-Hawary, Elizabeth <i>Advanced Major and Minor in Business</i>	Halifax, NS
Elliott, Timothy James <i>Advanced Major</i>	King City, ON
Feigin, Angelica Solena <i>Advanced Major</i>	East Lake Ainslie, NS
Fotis, Panagiota Patricia	Halifax, NS
Giannoulis, Athamandia Amanda	Halifax, NS
Gurnah, Khadija Abdulla	Mombasa, Kenya
Henneberry, Monique Marie	Birchy Head, NS
Hillyard, Jeffrey John	Corner Brook, NF
Hurlbert, Jason R.	Yarmouth, NS
Li, Ka Yee Carrie	Halifax, NS
MacKenzie, Katherine Lea	Halifax, NS
Novac, Cathleen Stephanie Sally	Halifax, NS
Nwaesei, Lawrence	Windsor, ON
Pulley, Wallie Robin <i>Advanced Major</i>	Barton, NS
Richardson, Christopher	Halifax, NS
Ritcey, Chris	Halifax, NS
Schaefer, Michael	Dortmund, Germany
Schofield, Scott Troy	Bridgewater, NS
Tsoi, William Chun Yin	Dartmouth, NS
Wong, Veronica Ming Yan	Hong Kong

Diploma in Engineering

Andjelic, Sherri Lynn	Winnipeg, MB
Aulenback, Peter Brenton	Riverview, NB

Basu, Atreya	Halifax NS
Bell, Theo Alexandra	Halifax, NS
Bemient, Dawit Girma	Halifax, NS
Bishop, Carolyn Elaine	Greenwich, NS
Bubar, Nathan Gregory	Hartland, NB
Bursey, Bryan Scott	Corner Brook, NS
Chu, Hin Wai Wallace	Hong Kong
Gupta, Anjali	Dartmouth, NS
Hemeon, John Gregory	Stewiacke, NS
Kujath, Maciej F.	Halifax, NS
MacDonald, Matthew	Halifax, NS
Peters, Gregory Kenneth	Dartmouth, NS

Bachelor of Science

Adamowicz, Sarah J.	St. Andrews, NB
<i>First Class Honours in Biology</i>	
Albert, Louise I.	Labrador City, NF
Allan, David Stuart	Halifax, NS
<i>Honours in Microbiology & Immunology</i>	
Andrews, Julie Dora	Gr.Falls-Windsor NF
Ang, Main Fong	Penang, West Malaysia
<i>Advanced Major</i>	
Arbeau, Ben David	Moncton, NB
Aucoin, Nadine Marie	Halifax, NS
Bajwa, Simmon Preet S.	Halifax, NS
Barron, Suzanne Margaret	Ingonish, NS
Beharry, Krishna Ralph Neil	Listowel, ON
<i>Advanced Double Major</i>	
Bernard, Sarah Blanche	Freetown, PE
Best, Shawn Martin	Sackville, NB
<i>Advanced Major</i>	
Blakeney, Sherri Lee	Lower Sackville, NS
<i>Advanced Major</i>	
Boutilier, Elizabeth Ann	Lower Sackville, NS
Bowron, Tony Mark	Pictou, NS
<i>Honours in Biology</i>	
Brooks, Nichole	Halifax, NS
Burns, Daniel Michael	Dartmouth, NS
Byrne, Brian D'Arcy	Halifax, NS
Cameron, Carolyn Mary Elizabeth	Lower Sackville, NS
<i>Advanced Major</i>	
Cameron, Danielle Erin	Dartmouth, NS

Cassis, Nickolas A. <i>Advanced Major</i>	St. Thomas, ON
Comeau, Nicole Denise <i>Advanced Double Major</i>	Saulnierville, NS
Coopper, Tola Jeanne <i>Advanced Major</i>	Richmond, ON
Corcoran, Brian J. R. <i>Advanced Major with Distinction</i>	St. John's, NF
Crocker, Joseph Murray <i>Advanced Major</i>	Lower Sackville, NS
Currie, Anne Michelle <i>Advanced Major, Minor in Business</i>	Kinburn, ON
Dalton, Sarah Kathleen	Clementsvalle, NS
Di Quinzio, Laura Marie	Halifax, NS
Dickens, Marnie <i>Advanced Major</i>	Halifax, NS
Drover, Lori Ann	Bay Roberts, NF
Easton, Nikki Elizabeth	Brockville, ON
Faulkner, Joan Elizabeth <i>Distinction</i>	Nine Mile River, NS
Folkins, Denise Michelle (King's)	Sussex, NB
Gerami, Dorita	Dartmouth, NS
Glennie, Neil M.	St. John, NB
Gouthro, V. Noelle	Glace Bay, NS
Gracie, Allison Nicole <i>Advanced Major</i>	Point Aconi, NS
Greer, Steven Dale <i>Advanced Major</i>	Halifax, NS
Grimes-Graeme, Rhoderick Alexander <i>Advanced Major</i>	St. Johns, Antigua
Guy, Richard F.	Halifax, NS
Harrison, David Stuart	Dartmouth, NS
Hopper, Gina Marie	Moncton, NB
Hurst, Alison Marie	Lower Sackville, NS
Jensen, Mark Leslie <i>Advanced Major</i>	Markdale, ON
Kelly, Tobin Matthew	Orillia, ON
LeClair, Gregory Nicholas	Dartmouth, NS
Lesperance, Rachael Mae <i>Advanced Major</i>	Saint John, NB
Lim-Morrison, Sabrina Mary <i>First Class Honours in Biology</i>	Halifax, NS
London, Timothy John	Lower Sackville, NS

MacEachern, Kathryn A. <i>Honours in Biology</i>	Ottawa, ON
MacKeigan, Charlotte Anne	Halifax, NS
McArthur, Fiona (King's) <i>Honours in Marine Biology</i>	Halifax, NS
McFarlane, A. Scott C. <i>Advanced Double Major</i>	Halifax, NS
McGrath, John Patrick	Greenwood, NS
Miller, Andrew Corey	Halifax NS
Nichols, Carrie Marilyn	Woodstock, NB
Nishijima, Kamil James	Brossard, QC
O'Neill, Nicholas Adam	Halifax, NS
O'Reilly, Kerry Lynn <i>Distinction</i>	Placentia, NF
Osmond, Heather Nicole <i>Advanced Double Major</i>	Pasadena, NF
Parkash, Jyoty Sharma	Hong Kong
Pearce, Johanna <i>Advanced Major</i>	Lake Echo, NS
Power, Sean George	St. Bernard's, NF
Rock, Jennifer Carmel	Ottawa, ON
Rogers, Alana M. <i>Advanced Major</i>	Hubley, NS
Rowell, Jason L. <i>Advanced Double Major</i>	Buchans, NF
Sankaran, Sushanth	Saint John, NB
Sealy, Tito Camara	Pickering, ON
Shaddick, Amy Lynn <i>Advanced Major, Minor in Business</i>	Miramichi, NB
Smaga, Iwona	Halifax, NS
Snider, W. James M.	Kleinburg, ON
Soosaar, Jaan R.	Dartmouth, NS
Stretch, Adam Merrill Keith <i>Advanced Major</i>	Riverview, NB
Tan, Chee Wei <i>Advanced Major</i>	Kuala Lumpur, Malaysia
Tayona, Joan Joy	Halifax, NS
Tjipangandjara-Tjarera, Vesora Franz	Windhoek, Namibia
Toby, Erika Jennie-Lynn <i>Advanced Double Major (Co-operative Education)</i>	Uxbridge, ON
Toner, Shawn Francis	Grand Falls, NB
Trudeau, Michel Charles-Emile	Rossland, BC
Vyas, Amit	Truro, NS

Walker, Ingrid Karen	Halifax, NS
<i>First Class Honours in Biology and Philosophy</i>	
Williams, Robert Patrick	Halifax, NS
Wong, Eugene Chi Yun	Halifax, NS
York, Kathleen Canning	Halifax, NS
Zinck, Jonathan M.	Dartmouth, NS
<i>Honours in Psychology</i>	

CONFERRING OF HIGHER DEGREES

Master of Arts

Greenwood, Terrine

- Economics

Halifax, NS

Master of Development Economics

Abu-Bakar, Aznan

Amegashie, James Atsu

Chan, Yuen Yin

Chen, Guangyi

Chen, Yuan

Leard, Jeffrey Harold

Lee, Tze Shing Edwin

Maillet, Mariette

Maragh, Michelle M.

Shankar, Ram A.

Ulloa, Maria Paz Unanue

Singapore

Keta, Ghana

Scarborough, ON

Hunan, China

Shaanxi, PRC

Bedeque, PEI

Scarborough, ON

Fredericton, NB

Toronto, ON

Tamil Nadu, India

Halifax, NS

Master of Science

Aatre, Rajani Dayalu

- Biology

Adams, Elaine K.

- Chemistry

Adderley, Natasha Lorraine

- Pharmacology

Au, Adrian Wai Hang

- Pharmacology

Boehnke, Susan Elizabeth

- Psychology

Boudala, Faisal Said

- Oceanography

Bouman, Heather Alison

- Biology

Brown, William M.

- Psychology

Bangalore, India

Village Green, PE

Nassau, Bahamas

Vancouver, BC

Markham, ON

Halifax, NS

Caledonia, ON

Fredericton, NB

Cameron, Elinor M.	Halifax, NS
• Chemistry	
Chipman, Timothy D.	Wolfville, NS
• Biochemistry	
Chute, Ian Christopher	Miramichi, NB
• Biochemistry	
Costain, Darren James	Riverview, NB
• Pathology	
Couture, Estelle	Loretteville, QC
• Oceanography	
Cumaranatunga-Ilangasinghe, Palavinnege Kamani	Colombo, Sri Lanka
• Chemistry	
D'Arcy, Ryan Clarke Newell	Victoria, BC
• Psychology	
de Groot, Marleen H.M.	Sardis, BC
• Psychology/Neuroscience	
DuQuesnay, Renée Marie LeMercier	White Rock, BC
• Pharmacology	
Emsley, Jason George	Halifax, NS
• Psychology/Neuroscience	
Fallon, Raymond Patrick	Dublin, Ireland
• Earth Sciences	
Ferrier, Suzanne Nicole	Halifax, NS
• Psychology	
Flynn, James Stanley	Wallace, NS
• Physics	
George, Sarah N.	Castries, St. Lucia
• Biology	
Gugle, Anjali	Toronto, ON
• Computer Science	
Gugle, Nitin	Toronto, ON
• Computer Science	
Han, Hongmei	Halifax, NS
• Microbiology & Immunology	
Hancock, Jeffrey T.	Kelowna, BC
• Psychology	
Hebb, Cheryl Denise	Halifax, NS
• Agriculture	
Henley, Cheryl Lynn	Liverpool, NS
• Biochemistry	
Holt, Tanya	Hatchet Lake, NS
• Biology	
Lantos, Susanne Debora	Ottawa, ON
• Chemistry	

- Layton, Heather N.M. Sackville, NS
 ● Agriculture
- Lee, Anna Woon Jung Toronto, ON
 ● Psychology
- Lewis, Elizabeth Amie Pembroke, Wales, UK
 ● Chemistry
- Lohnes, Mitchell Tyler Lr. Sackville, NS
 ● Chemistry
- MacNeill, Stephanie Jan Moncton, NB
 ● Statistics
- McKay, Hugh Halifax, NS
 ● Physics
- McVey, Jennifer J. Cole Harbour, NS
 ● Biology
- Park, Jin Gyoon Halifax, NS
 ● Biochemistry
- Pickett, Andrew John Lr. Coverdale, NB
 ● Biochemistry
- Quickert, Nicole Andrea Trenton, ON
 ● Earth Sciences
- Safatli, Micheline Dartmouth, NS
 ● Chemistry
- Scott, Lisa Truro, NS
 ● Agriculture
- Shea, Suzanne E. Fenwick, NS
 ● Chemistry
- Veinotte, Cam Andrea Halifax, NS
 ● Biology
- Wang, Cheng Tianjin, PRC
 ● Microbiology & Immunology
- Woldegeorgis, Fasil Desalegne Halifax, NS
 ● Statistics
- Zhuang, Deming Nanjing, PRC
 ● Computer Science

Doctor of Philosophy

- Anderson, Scott Halifax, NS
 ● Earth Sciences
- Archibald, Catherine Joy Grand Pré, NS
 ● Psychology
- Bolivar, Remedios B. Nueva Ecija, Phillipines
 ● Biology

Brown-DeGagne, Anne-Marie G.	Winnipeg, MB
• Psychology	
Buiel, Edward Raymond Powell	Ottawa, ON
• Physics	
Cranford, Peter James	Lakeview, NS
• Oceanography	
DeWolfe, Nadine Alison	Charlottetown, PE
• Psychology	
Frankland, Bradley William	Toronto, ON
• Psychology	
Gilbert, Robert William	Springhill, NS
• Pharmacology	
Hebb, Matthew Olding	Dartmouth, NS
• Pharmacology	
Kilfoil, Mary Agnes	Halifax, NS
• Economics	
Macdonald, Charles L.B.	Halifax, NS
• Chemistry	
Makrigiannis, Andrew Peter	Halifax, NS
• Microbiology & Immunology	
Muelbert, Monica	Rio de Janeiro, Brazil
• Biology	
Murashov, Vladimir V.	Vykxa, Russia
• Chemistry	
Richard, Monique Nathalie	Grand-Falls NB
• Physics	
Schurko, Robert W.	Winnipeg, MB
• Chemistry	
Skene, Kenneth Ian	Edmonton, AB
• Oceanography	
Sweet, Susan Druanne	Ottawa, ON
• Psychology	
Timmermann, Hilke	Butjadingen, Germany
• Earth Sciences	
Waterhouse, Christopher Curtis Matchett	Halifax, NS
• Microbiology & Immunology	
Wilson, Nicholas	Halifax, NS
• Earth Sciences	
Windust, Anthony	Musquodobit Harbour, NS
• Biology	
Wong, Jeff	Ottawa, ON
• Physics	
Wu, Hong	Chengdu, PRC
• Biochemistry	

CONFERRING OF UNDERGRADUATE DEGREES

Bachelor of Engineering

Lee, Patricia	Hong Kong
• Civil Engineering	
McClearn, Alexander E.	Liverpool, NS
• Civil Engineering	
Ozon, Derek Edward	Dartmouth, NS
• Electrical Engineering	
Pang, Rebecca Yee Lin	Hong Kong
• Civil Engineering	
Wolsey, Daniel G.	Edmonton, AB
• Civil Engineering	

Bachelor of Science

Dean-Moore, James E.	Fall River, NS
<i>First Class Honours in Computer Science</i>	
Godsoe, Harold	Halifax, NS
Goodz, Matthew	Dartmouth, NS
Longard, Emily Margaret	Dartmouth, NS
MacCara, J. Kori	Wabush, NF
<i>Advanced Major</i>	
Parslow, Alan Eric	Dartmouth, NS
<i>Honours in Computer Science (Co-operative Education)</i>	
Reynolds, Robert Andrew	Lower Sackville, NS
Sampson, Jamie A.	Halifax, NS
<i>Advanced Major (Co-operative Education)</i>	
Singh, Avtar Seehra	Mississauga, ON
Wong, Man Kin	Hong Kong

Bachelor of Computer Science

Campbell, Darryl William	North Sydney, NS
Fraser, Julie Dawn	Sackville, NS
Hawley, Anna Margaret	Truro, NS
McKinnon, William	Halifax, NS
Murphy, Heath Jason	Halifax, NS
Wu, Xiaoyan	Fujian, PRC

Bachelor of Environmental Design Studies

Abdel Aziz, Maheira	Dubai, UAE
Abdel Aziz, Nehal	Dubai, UAE
Alfon, Amy Frances	Croivnsnest Pass, AB
Chow, Kelly C.W.	Vancouver, BC
<i>Distinction</i>	
Duffell, Benn Bruce	Nanaimo, BC
<i>Distinction</i>	
Gaudet, Marc André	Moncton, NB
Grigg, Nicola Eloise	Vancouver, BC
Isaac, Ron Michael	Markham, ON
Jacobsen, Anne Marie	Lower Sackville, NS
Jamieson, Chad S.	Tatamagouche, NS
Kanellopoulos, Tommy	Brampton, ON
King, William A.	Yarmouth, NS
Laycock, Katherine Louise	Halifax, NS
Lewis, Beth J.	North Sydney, NS
Mitchell, Kathryn Mary	Pincher Creek, AB
Mogyoro, Viktoria	Vancouver, BC
<i>Distinction</i>	
Moy, Andy K.C.	Vancouver, BC
Newton, Darren R.	Lower Sackville, NS
Nowlan, Richard Michael	Calgary, AB
Parmley, Susan M.	Vancouver, BC
Piwowar, Patricia Jo	Edmonton, AB
Scott, David A.	Kamloops, BC
<i>Distinction</i>	
Shin, Antonio (Jung-Yeon)	Toronto, ON
Sopchuk, Geneviève Louise	Calgary, AB
Tejani, Rahim P.	Vancouver, BC
Thatcher, Karey Charles	Windsor, ON
Thimm, Trevor Ryan	Winnipeg, MB
<i>Distinction</i>	
Thornhill, Carrie Alison	Dartmouth, NS
Wagschal, Ian Ferguson	Halifax, NS
Weber, Bruno Anthony	Victoria, BC
Wollin, Wesley T.E.	Kelowna, BC
<i>Distinction</i>	
Wong, Stefan	Vancouver, BC
Wright, Thomas A.	Port Kirwan, NF
<i>Distinction</i>	
Wuerr, Krista Maria	Halifax, NS

Yotamu, Lazarus
Yue, Patrick Chik Kwan
Distinction

Harare, Zimbabwe
Vancouver, BC

CONFERRING OF HIGHER DEGREES

Master of Engineering

Laverley, Rosaline Mamawa
• Electrical Engineering

Sierra Leone

Master of Applied Science

Cai, Yanqun

- Industrial Engineering

Hebei, PRC

Eptibi, Wissam A.

- Electrical and Computer Engineering

Beirut, Lebanon

Georgiades, Anastasis Vyron

- Mechanical Engineering

Nicosia, Cyprus

Gillis, Jeremy Donald

- Chemical Engineering

Charlottetown, PE

Kemp, Stephen Laurier

- Mechanical Engineering

Halifax, NS

MacLeod, Bradley Keith

- Mechanical Engineering

Sydney, NS

Rahdar, Mehrdad

- Mechanical Engineering

Halifax, NS

Rosario, Vivek M.

- Metallurgical Engineering

Dartmouth, NS

Trask, David Anthony

- Civil Engineering

Middleton, NS

Warwick, Cindy Ann

- Civil Engineering

Kingston, ON

Master of Science

He, Ping

- Food Science & Technology

Chengdu, PRC

MacIntosh, Denny Craig

- Food Science & Technology

New Glasgow, NS

Master of Computer Science

Agarwal, Amit	Toronto, ON
Cao, Fang	North York, ON
He, Weihua	Halifax, NS
Ling, Hon-Lai	Hong Kong
Patterson, Ian Lloyd	Halifax, NS
Wang, SiLong	Halifax, NS
Winn, Andrea Michelle	Boulder, CO

Master of Urban and Rural Planning

Altenhof, Laura Jean	Victoria, BC
Bing-Wo, Yee Carla Mae	Regina, SK
Dillabough, Alan John	Toronto, ON
Lawrance, Robert Andrew	Victoria, BC
Reid, Douglas	Ottawa, ON
Reyes, Jose R.	Calgary, AB

Master of Architecture (First-Professional)

Beattie, Matthew Thomas	Grand Bend, ON
<i>Distinction</i>	
Cox, Delmer	High Prairie, AB
Crichton, Scott Wesley George	New Glasgow, NS
<i>Distinction</i>	
Fu, Douglas Shiu Pang	Richmond, BC
Inkpen, Stephen T.	St. John's, NF
Lai, Andrew Kiu On	Richmond, BC
Lau, Joseph S.K.	Vancouver, BC
McDermott, Marta Elizabeth	Winnipeg, MB
<i>Distinction</i>	
McNeil, Alison Denise Estelle	St. John's, NF
Mukangura, Tony Kangwagye	Kampala, Uganda
Mullin, Roger	Miramichi, NB
<i>Distinction</i>	
Noseworthy, Cassie Louise	Torbay, NF
Oxner, Christopher J.	Lunenburg, NS
Pomeroy, Scott Ryan	Burnaby, BC
<i>Distinction</i>	
Ward, Christine Nicole	North Saanich, BC

Doctor of Philosophy

Allen, Cecil Arnold Wallace	Georgetown, Guyana
• Agricultural Engineering	
Belibagli, Kadir Bulent	Gaziantep, Turkey
• Food Science	
Bishop, Donald Paul	Halifax, NS
• Metallurgical Engineering	
Ersoy, Levent Erdogan	Montreal, PQ
• Mechanical Engineering	
Hajidavalloo, Ebrahim	Iran
• Mechanical Engineering	
Hosseini, Ebrahim	Halifax, NS
• Agricultural Engineering	
Ketata, Chefi	Halifax, NS
• Mining Engineering	
Mansaray, Kelleh Gbawuru	Halifax, NS
• Agricultural Engineering	

DALHOUSIE UNIVERSITY

CONVOCATION PROGRAMME

FACULTY OF ARTS AND SOCIAL SCIENCES

FACULTY OF MANAGEMENT

FACULTY OF HEALTH PROFESSIONS

FACULTY OF GRADUATE STUDIES

Dalhousie Arts Centre - Rebecca Cohn Auditorium
2:30 P.M., Saturday, October 17, 1997

Invocation

President's Welcome - Dr. Thomas D. Traves

Presentation of Undergraduate Diplomas,
Conferring of Undergraduate Degrees, and
Conferring of Graduate Degrees and Diplomas

Conferring of Honorary Degree
Doctor of Laws - Sir Cuthbert Sebastian

Convocation Address - Sir Cuthbert Sebastian

O Canada

The audience is requested to rise when the academic procession enters the Auditorium and to remain standing until the close of the Invocation.

The audience is invited to join in the singing of *O Canada* (page 1).

After the singing of *O Canada* the audience is requested to remain standing until the academic procession has left the Auditorium.

Music for the procession and anthem is provided by the Symphony Brass Quintet.

Following Convocation a reception will be held in the Cohn lobby and Sculpture Court; all are invited to attend.

Please note that the list of graduates in this Programme is subject to change.

PRESENTATION OF DIPLOMAS CONFERRING OF UNDERGRADUATE DEGREES

Bachelor of Arts

Afani, Ruba Akrima	Jordan, Amman
Ahn, Gemma	Mississauga, ON
<i>Advanced Major</i>	
Amirault, Tammy Lee	Middle E. Pubnico, NS
Anthony, Joseph L.	St. John's, NF
<i>Advanced Double Major with Distinction</i>	
Aylward, Rhonda A.	Marystown, NF
Bartlett, Amy Christine	Sussex, NB
Beanlands, Sara Jane	Halifax, NS
Bradley, T. Gillett (King's)	North-Hatley, QC
Burns, Daniel Michael	Dartmouth, NS
Casey, Holly Patricia	Amherst, NS
Clark, Louis Darryl	Magdalen Islands, QC
Cole, Avril T.	Freetown, Sierra Leone
Cormier, Wendy Lynn Archer	Halifax, NS
Cullen, John M.	Vancouver, BC
Dattels, Graham Roland (King's)	Toronto, ON
<i>Honours in International Development Studies and Social Anthropology</i>	
Delefes, Daphne Maria (King's)	Halifax, NS
<i>Advanced Double Major</i>	
Duncan, Lara Nicole	Oshawa, ON
Dye, Bruce G.	Halifax, NS
Edward, Gethin Thomas Brant (King's)	Belfast, PE
El Karmalawy, Noha M. A.	Cairo, Egypt
<i>Advanced Double Major</i>	
Fenton, Lisa Anne	Owen Sound, ON
Ferris, Lola Natalie McCrea	Halifax, NS
Fisher, Catherine M.	Belleville, ON
Goree, Tina Darlene	Halifax, NS
Gover, Catherine Anne	Labrador City, NF
Grant, Catharine Breakspear (King's)	Halifax, NS
<i>First Class Honours in History</i>	
Hackett, J. Alexander (King's)	Knowlton, QC
<i>Advanced Major</i>	
Hamodah, Rana Abdul Rahim	Halifax, NS

Hayward, Natalie Marie	Port-Au-Port, NF
<i>Advanced Double Major</i>	
Head, Cyndy D.	Sault Ste. Marie, ON
Heney, Lesha	Scarborough, ON
<i>Advanced Major</i>	
Hennessey, Pauline Elizabeth	Grand Falls- Windsor, NF
Hersey, Meghan Wallace	Oakville, ON
Holbik, Shiane Layla	Port Perry, ON
Hollett, Suzanne Margaret (King's)	Tantallon, NS
<i>Advanced Double Major</i>	
Houghton, Darlene Deborah	Fall River, NS
Howe, Amanda A. (King's)	Niagara-On-Lake, ON
Hunting, Jennifer Cora	Tatamagouche, NS
Irving, Sally Rae	Sault Ste Marie, ON
Jackson, Aaron E.	Dartmouth, NS
Joyner, Graydon Thomas	Toronto, ON
Kelly, Patricia L. (King's)	Sydney, NS
Kennedy, Gerard Joseph (King's)	Sydney, NS
Kettlewell, Carissa Désirée	Thornhill, ON
Lewis, Kimberley Jane	Halifax, NS
Lindsay, Joseph James Alexander	Eastern Passage, NS
<i>Honours in Theatre</i>	
MacAskill, Colleen Kelly	Sussex, NB
Macdonald, Jennifer A.	Oakville, ON
MacDonald, Peter George Colin	Toronto, ON
MacDonald, Rebecca M.	Cornwall, ON
<i>Honours in International Development Studies and Economics</i>	
MacDonald, Scott Philip	Halifax, NS
MacDonald, Sylvie	Halifax, NS
MacKay, Susan	Halifax, NS
<i>Advanced Major</i>	
MacKenzie, Kelly Ann	Scotsburn, NS
Matthews, Natasha Grace	Lunenburg, NS
<i>Advanced Double Major</i>	
McGregor, Heather Louisa	Amherst, NS
<i>Honours in Political Science and International Development Studies</i>	
McGroarty, Jonathon Jason	Toronto, ON
McKay, Mary I.	Halifax, NS
McKenzie, Mark A.	Dartmouth, NS
<i>Honours in International Development Studies and Sociology and Social Anthropology</i>	
Mitchell, Brennan N.	Richmond Hill, ON

- Moher, Greg S. Burlington, ON
*Honours in International Development Studies
and History*
- Moir, Matthew James Duncan (King's) Halifax, NS
- Moorsom, Toby Leon King City, ON
*Honours in International Development Studies and
Political Science*
- Morash, Trevor J. Charlottetown, PE
- Morin, Nanette R. Lower Sackville, NS
First Class Honours in Philosophy
- Neima, Tanya Marie Halifax, NS
- Newman, Dana (King's) Toronto, ON
- Nightingale, James Ivo Glenroy Toronto, ON
- O'Brien, Katherine Elizabeth (King's) Halifax, NS
- Pare, Karen Anna (King's) Halifax, NS
Advanced Major
- Park, Kent Maxwell John Stephenville, NF
Distinction
- Pasquet, Jill Heather Halifax NS
Advanced Double Major
- Patterson, Sarah Lyn Halifax, NS
- Peet, Erin Elizabeth Dartmouth, NS
- Peet, Tami Marie Dartmouth, NS
- Perez, Jose Nepean, ON
Advanced Double Major
- Pillai, Ranj (King's) Inverness, NS
- Pucholt, Lindsay V. Thornhill, ON
- Riggs, Jo-Ann Louise Halifax, NS
- Roberge, Eric Simon Mallorytown, ON
- Robinson, Anthony James Surrey, BC
Distinction
- Roukema, Mark Daniel Nepean, ON
- Roush, Eli Michael Ottawa, ON
Honours in International Development Studies

Rudy, Tanya	Orillia, ON
<i>Advanced Major</i>	
Scotchmer, Molly Win	Toronto, ON
Shaw, Jonathan Edward (King's)	Dartmouth, NS
Shea, Colleen Erin	Halifax, NS
<i>Honours in English</i>	
Sheffield, Lucas Andrew	Dundas, ON
Sinclair, Meredith P.	Oakville, ON
Smith, Amy	Mabou, NS
Smith, Cindy Jean	Whycocomagh, NS
Spears, Gregory D.	Sackville, NS
Stewart, Lesley Anne	Peterborough, ON
Teunissen, Hanneke Josée	Bellevue, PE
<i>First Class Honours in French</i>	
Theriault, Tania A.	Pembroke, Bermuda
<i>Honours in Political Science and International Development Studies</i>	
Vandenburg, Frank Charles	Moncton, NB
Wackett, Charles Jeffrey Lawton	Whitehorse, YT
<i>Distinction</i>	
Walli, John David	Winnipeg, MB
Wason, Dawn-Aeron	Fredericton NB
<i>First Class Honours in Sociology & Social Anthropology</i>	
Were, Cassandra Leah (King's)	Dartmouth, NS
Williamson, Matthew H.	Toronto, ON
Willick, Stacey Allison	Stouffville ON
<i>First Class Honours in English</i>	
Wong, Karri Leslie	Scarborough, ON
Wrin, Allison Bethany Jane	Bedford, NS

Bachelor of Education

MacIsaac, Debra Anne	Lower Sackville, NS
McIntyre, Leigh-Anne	Waverley, NS
Sparks, Douglas Matthew	East Preston, NS
Vinton, Jennifer	North York, ON

Bachelor of Music

McLaughlin, Jennifer Lynn	Grand Falls, NB
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Diploma in Public Administration

Bartlett, James C.	Halifax, NS
Smith, Neville Curtis	Truro, NS

Bachelor of Commerce

Angell, Cory P.	Deer Lake, NF
Boudreau, Stephen M.	Sydney, NS
Connors, Barbara Ann	Antigonish, NS
Gillis, Lisa Catherine	Dartmouth, NS
Herman, Paula L.	Halifax, NS
MacAdam, Brian Alexander	Hilden, NS
MacLean, Christopher Bruce	Dartmouth, NS
McCarthy, Matthew William F.	Ottawa ON
Morash, Darcie Eron	Dartmouth, NS
Morash, Gillian Anne	Halifax, NS
Parks, Cory David	Waverley, NS
Scaini, Richard	Mississauga, ON
Smith, Jody John Donald	Halifax, NS
Sullivan, Jodie L.	Bathurst, NB
Ujvary, Richard	Bratislava, Slovakia
Unwin, Stephanie Anne	Toronto, ON
Vats, Neelam	Halifax, NS
Wood, Melanie	Campbellton NB

Diploma in Health Services Administration

Champion, Charles H.	Sydney, NS
Duncan, Margaret Elizabeth	New Minas, NS

Bachelor of Science (Nursing)

Boutilier, Catherine M.	Halifax, NS
Campbell, Cynthia Ann	Prospect, NS
Harrietha, Carol Marie	Halifax, NS
Jones, Ann-Marie	Beaconsfield, PQ
Leggett, Barbie Jean	Springhill, NS
<i>Distinction</i>	
McEvoy, Rita Josephine	Beaver Bank, NS
Patrick, Margaret A.	Wellington, NS

Robar, Joanne Dunnington

Annapolis Royal, NS

Bachelor of Physical Education

Beeston, Aimee

Toronto, ON

Vinton, Jennifer Anne

North York, ON

Bachelor of Science (Kinesiology)

Abriel, Kevin J.

Dartmouth, NS

Evers, Chris

Halifax, NS

Lannon, Kimberly Noelle

Halifax, NS

Macdonell, Genevieve

Mission, BC

Stewart, John Andrew

Halifax, NS

Honours

Tanton, Jennifer Louise

Dartmouth, NS

Winter, Tara Jean

Lower Sackville, NS

Bachelor of Science in Health Education

Banerjee, Linda C.

Halifax, NS

Distinction

Canning, Krista

Brookfield, NS

Cochrane, Andrea Margaret

Windsor, NS

Craswell, Heidi Catherine

Middleton, NS

Dorado, Olivia Anne

Quispamsis, NB

Hibbs, Jacqueline Elaine

St. John's, NF

Rowe, Jillian Dawn

Dartmouth, NS

Somerville, Christina Leigh

Bear Island, NB

Wichman, Leigh Ann

Halifax, NS

Bachelor of Science (Occupational Therapy)

Lewis, Cherie Lynn

Halifax NS

MacDonald, Bethany Lynn

O'Leary, PE

Bachelor of Recreation

Burgess-Nielson, Melissa C. A.
Wilson, Donald Richard

Dartmouth, NS
New Glasgow, NS

Bachelor of Social Work

Bernard, Candace Mary Elaine
Fisher, Tanya Lynn
Fitzgerald, Jocelyn G.
Gould, Clarence Joseph
Marsman, Sara Jean Trude
Mills, Patricia A
Morrison, Cindy L.
Peters, Joan L.
Robertson, Mary L.

Distinction

Saulnier-Terrio, Tracy
Wright, Ivan

Dartmouth, NS
Halifax, NS
Sackville, NS
Eskasoni, NS
Dartmouth, NS
St John's, NF
Wolfville, NS
Middleton, NS
Halifax, NS

Annapolis Royal, NS
Truro, NS

CONFERRING OF HIGHER DEGREES

Graduate Diploma in Public Administration

Church, Jennifer H.
Frigault, Rene Joseph

Marion Bridge, NS
Saint John, NB

Master of Arts

Amirault, Sharon Faith

- Leisure Studies

Dartmouth, NS

Bolivar, Robin L.

- English

Bridgewater, NS

Boothroyd, Adrienne Lee

- Political Science

Ottawa, ON

Borgal, George

- Political Science

Halifax, NS

Bruce-Robertson, Lawrence

- Classics

Toronto, ON

Cavon, Aaron Francis Lamont

- English

Toronto, ON

Chlup, James

- Classics

Halifax, NS

Connor, Sarah Kathleen

- Health Education

Fredericton, NB

Corless, Tara D.

- Women's Studies

Mississauga, ON

Cummings, Margaret I.

- Social Anthropology

Shedden, ON

Curtis, David H.

- Philosophy

N. Vancouver, BC

Davis, Sheila Marie

- Education

Halifax, NS

Dempsey, Liam P.

- Philosophy

Herring Cove, NS

Doyle-Bedwell, George Harold

- Sociology

Halifax, NS

English, Paul

- Leisure Studies

Billingham, England

Gulli, Elena

- German

Macerata, Italy

Habington, William Andrew	Ottawa, ON
• English	
Hall, Stephanie R.	Fruitvale, BC
• English	
Harman, Deborah C.	North York, ON
• English	
Hayter, Nancy Barbara	Halifax, NS
• Social Anthropology	
Hudson, Michael J.	Rotherham, England
• Leisure Studies	
Jagosh, Justin J.	Bedford, NS
• Health Education	
Kallel, Raoudha	Halifax, NS
• French	
Keeling, Michael James	Victoria, BC
• Philosophy	
Kelso, Ian Alfred Ovens	Brantford, ON
• Classics	
Koszta, Cindy Adél	Dartmouth, NS
• German	
Kuchle, Aaron Carl	Sutton, MA
• German	
Kuchle, Eric Adam	Sutton, MA
• German	
Lafferty, Renée Nicole	St. Catharines ON
• History	
Landry, Ian Tay	Port Hawkesbury, NS
• Sociology	
Laycock, Rosemary Anitra	Halifax, NS
• Classics	
Lostracco, Joanne	Carlisle, ON
• Political Science	
Maddox, Kelly-Anne Madeline	King's Cove, NF
• French	
Mason, Stephanie Maureen	London, ON
• English	
Massé Du Bois, Véronique	Joliette, QC
• French	
McCauley, Heather Lynn	Montreal, QC
• English	
Michalik, Edward Joseph Patrick	Glace Bay, NS
• History	
Mitchell, John Allan	White Rock, BC
• English	

Morden, Peter Armstrong	Montreal, QC
• Leisure Studies	
Patterson, Andrea	Halifax, NS
• English	
Payrhuber, Christine	Worms, Germany
• German	
Pigliapoco, Fanny	Macerata, Italy
• German	
Pye, Tracey Lynn	Florence, NS
• Sociology	
Robertson, Justin	Ottawa, ON
• Political Science	
Russell, Daragh Danielle Catherine	Halifax, NS
• History	
Rutledge, Jesse	Toronto, ON
• Political Science	
Sehatzadeh, Adrienne Lucas	Dartmouth, NS
• Sociology	
Shepherd, Jennifer	Saskatoon, SK
• English	
Shiner, Nancy Power	Halifax, NS
• History	
Smith, Kenneth A.	Mississauga, ON
• Philosophy	
Sorbara, Lucas	Halifax, N.S.
• Social Anthropology	
Stack, Gina Louise	Amherst, NS
• History	
Stevens, Andrea Ria	Orleans, ON
• English	
Tedford, Sara Kristina	Riverview, NB
• Sociology	
Thomas, Bryan	Winnipeg, MB
• Philosophy	
Van Impe, Heidi	Cobalt, ON
• Classics	
Vernier-Larochette, Beatrice	Troyes, France
• French	
Weninger, Russell Francis	Pincher Creek, AB
• Philosophy	
Werneburg, Kenneth	Toronto, ON
• Classics	
Wilson, Hayley Evelyn	Mississauga, ON
• Sociology	

Wright, Jared Michael	North Delta, BC
• Political Science	
Wright, Mary-Frances	Edmonton, AB
• Health Education	

Master of Business Administration

Banfield, Charles Anthony	Cormack, NF
Barron, Thomas Gerard	St. John's, NF
Betts, Dale	Moncton, NB
Cochrane, Leanne Elizabeth	Kentville, NS
Dickson, Kathryn Joy	Saint John, NB
Dwyer, Karen	Halifax, NS
El-Barghouty, Tawfeeq	Halifax, NS
Forward, Lynn	Vancouver, BC
Giebel, Daniel	Berlin, Germany
Grant, David K.	St. John's, NF
Grelowski, Jason Tyler	Halifax, NS
Hargrove, Alana Jill	Halifax, NS
Hennessy, Kevin	Orillia, ON
Kelly, Michelle M.	St. John's, NF
Liu, Jun	Guangdong Prov, PRC
MacEachern, Kimberly Ann	Cole Harbour, NS
McManamon, Darragh Kennedy	St. John's, NF
Najmuddin, Zeeshan Hashim	Karachi, Pakistan
Norwood, Jonathan Donald	Halifax, NS
Sodhi, Rajwant Singh	Halifax, NS
Thompson, Anne Elisabeth	Halifax, NS
Wolfer, Thomas A. J.	Peterborough, ON
Xiaoyu, Ruan	Beijing, PRC
Yim, Anthony	Vancouver, BC
Zalewski, Agnes Justine	Calgary, AB

Master of Education

Stanley, Frank Thompson	St. Catharines, ON
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Master of Environmental Studies

Breeze, Heather J.	Hubbards, NS
Fischer, Alexandra Astrid	North York, ON

Forsythe, Heather L.	Centreville, NS
Graham, Jennifer Anne	Halifax, NS
Janowitz, Martin W.	Halifax, NS
Moffat, Andrea C.	Toronto, ON
Parsons, Austin	Queensland, NS
Pezzack, Julie Elisabeth	Toronto, ON
Weldon, Jillian	Moncton, NB
Wright, Tarah Sharon Alexandra	Toronto, ON

Master of Laws

Bell, Brian Richard	Woodstock, NB
Cowling, Robin Lynne	Halifax, NS
Fricker, Patricia A.	Ingonish, NS
Lupul, Philip	Cold Lake, AB
McCallum, Suzanne	Greenock, Scotland
Yu, Tainjiao	Beijing, PRC

Master of Library & Information Studies

Ringrose, Julie	North Bay, ON
Vandenburg, Mary-Claire	Halifax, NS

Master of Marine Management

Abad Salazar, Miguel Angel	Santiago De Cuba, Cuba
Andalecio, Merlina N.	Miag-Ao, Iloilo, Philippines
Baldonado, Romualdo C., Jr.	Moncada, Philippines
Barry, Viviane	Ste-Foy, QC
Bellefontaine, Neil Anthony	Bedford, NS
Brú Roncallo, Javier	Panama City, Panama
Davis-Mattis, Laleta Lileth	Kingston, Jamaica
Han, Pho Hoang	Hanoi, Vietnam
Infante Salazar, Abilmar	Santiago De Cuba, Cuba
Judson, Walter Irwin	Dartmouth, NS
Kempton, Steven Brooke	Halifax, NS
Malec, George Arthur	Dartmouth, NS
Mao, Bin	Beijing, PRC
Onyschuk, Suzanne Catherine	Mississauga, ON
Pektzilikoglou, Joachim	Toronto, ON
Ramoran, Emiliano B.	Los Baños, Philippines

Rankin, Erin Elizabeth
Sanyang, Fafa
Simms, Jason Michael
Spadafora, Alida
Walsh, Gary Allan Robert
Wells, Stacey Helena Donnette

Hamilton, ON
Banjul, The Gambia
Georgetown, NF
Panama City, Panama
Doyles Brook, NB
Nassau, Bahamas

Master of Nursing

Cormier, Judith Ann
Crawford, Theresa E.
Doiron, Nancy E.
Greechan, Martha
Hennigar, Sandra
MacDonald, Tracey
Wilson King, Kathy

Shubenacadie, NS
Halifax, NS
Fredericton, NB
Fredericton, NB
Prospect Bay, NS
St.Louis De Kent NB
Fredericton, NB

Master of Public Administration

He, Hope Hz

Guiyang, PRC

Master of Science

Costain, Darren James

Riverview, NB

- Pathology

Graham, Linda

Halifax, NS

- Community Health & Epidemiology

Heath, Stephanie A.

Dartmouth, NS

- Community Health & Epidemiology

Hurst, Craig A.

Sackville, NS

- Kinesiology

Kwavnick, Beth Sara

Ottawa, ON

- Community Health & Epidemiology

Lannon, Christopher L.

Dartmouth, NS

- Pathology

Leong, Wey Liang

Penang, Malaysia

- Pathology

MacKay, Alison Robina

Banff, AB

- Pathology

Natarajan, Meenakshi	Antigonish, NS
• Physiology & Biophysics	
Tatlidil, Cuneyt	Dartmouth, NS
• Pathology	

Master of Social Work

Ashcroft, Donna L.	Victoria, BC
Aucoin-Giusti, Elaine	Dartmouth, NS
Baik, Karen	Red Deer, AB
Black, Vicki Lynn Ruth	Bedford, NS
Butler, Shaun Michael	Sydney River, NS
Cameron, Matthew Thomas	Berwick, NS
Cormier, Betty Ann	Cheticamp, NS
Crowell, Marlene Norma	Dartmouth, NS
Egamino, Gilbert Bustos	St Catharine's, ON
Estabrooks, David	Nappan, NS
Gavin, Ellen Lorraine	Pictou, NS
Horne, Krista	Yarmouth, NS
Janssen, Scott	Neerlandia, AB
Kemper, Lorraine Gay	Comox, BC
MacCuish Ryan, Judith	North Sydney, NS
MacGregor, Sheila Anne	Sydney, NS
MacIsaac, Nancy	New Waterford, NS
Musgrave, Ray	North Sydney, NS
Parris, Linda L.	Sydney, NS
Popwell, Kim	Sydney, NS
Scott, Mark Thomas	Lunenburg, NS
Swan, Patricia	Bras d'Or, NS

Doctor of Laws

Islam, Nahid	New South Wales, Australia
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Doctor of Philosophy

Gouthro, Patricia Anne	Montreal, QC
• Education	
Limoges, Mireille	Montreal, QC
• Physiology & Biophysics	

Salay, Nancy Adrienne

- Philosophy

Somerton, Elizabeth Eastman

- English

Halifax, NS

Portugal Cove, NF

DEFINITIONS

ACADEMIC HONOURS

College of Arts and Science

Distinction is bestowed upon students who excel academically in the regular three-year programme or the four-year advanced major degree programme. A minimum average of A- is required to graduate with distinction.

Honours is bestowed upon students in the four-year honours programme who obtain a minimum B- average in Arts and Social Sciences and B average in Science in all of the classes in the major and minor.

First Class Honours is bestowed upon students who obtain a minimum of A- in those classes.

Faculty of Management

Distinction is bestowed upon students who excel academically in the regular four-year programme. A minimum average of A- is required to graduate with distinction.

Honours is bestowed upon students in the four-year honours programme who obtain a minimum B- average in all classes beyond first year and obtain B- or better in the designated honours seminar. **First Class Honours** is bestowed on those who obtain a minimum overall average of A- as well as an A- average in the core areas of Commerce, Economics, and Mathematics.

Faculty of Health Professions

Distinction is bestowed upon students graduating with a grade point average of 3.70 or better.

Kinesiology

Honours is bestowed on students who obtain a minimum grade point average of 3.00 on classes taken in the final three years.

School of Occupational Therapy

Honours is bestowed on those who obtain a minimum cumulative grade point average of 3.00 and have no grade in an advanced class less than B-

First Class Honours is bestowed on those who obtain a minimum cumulative grade point average of 3.70 and have no grade in an advanced class less than B. In addition, in both Honours and First Class Honours, a grade of A is required in Occupational Therapy 4421, Independent Study and Advanced Clinical Practice.

Faculty of Architecture

Distinction is bestowed on those graduates who obtain a cumulative average of 80% or more.

CITATION

ELISABETH MANN BORGESE

A native of Munich, Germany, Elisabeth Mann Borgese pursued an extraordinary range of endeavours, from classical studies and music to a career as writer and editor, before focussing on a broad, multidisciplinary approach to world-order studies, human rights, disarmament, the law of the sea, and sustainable development in the oceans.

A respected visionary whose ideas helped to create the political agenda of this generation, Dr. Borgese worked to find solutions in the areas of technology and human resource development, and the environment and ecology, well before others had begun to identify the problems. Her early efforts to integrate economics and ecology, development and environment, are now universally pursued.

One illustration of the force and effect of her accomplishments is *Pacem in Maribus*, a major international conference which she organized on the Law of the Sea, first held in Malta in 1970. It has now become an international institution. Twenty-five conferences have taken place thus far in all parts of the world, with the twenty-sixth *Pacem in Maribus* to be held in Halifax, in November, six weeks from now.

Much in demand internationally, Dr. Borgese has for many years continued to teach, research, and write, while simultaneously serving in many different capacities: as Chair of the International Centre for Ocean Development; as Vice-Chair of the Independent World Commission on the Oceans; as Consultant to the World Bank, UNESCO, the United Nations Environment Program, the United Nations Industrial Development Program; and as founder and honorary chair of the International Ocean Institute.

Throughout her distinguished career, Dr. Borgese has been a worthy recipient of numerous awards and honours, among them the Medal of High Merit from the Government of Austria; the Gold Medal from the Government of Malta; the Order of Canada; the Sasakawa United Nations Environment Prize; the Order of Colombia; the Friendship Award from the Government of China; and the St. Francis of Assisi International Environment Prize. She has been awarded honorary degrees by Mount Saint Vincent University and Concordia University.

Dr. Borgese is the author of numerous published papers in international law and political science, book chapters, major books, and monographs in ocean affairs including "The Ocean Regime", "The

Future of the Oceans", and "Ocean Governance and the United Nations". Currently she is working on a report on ocean policy for the Club of Rome, entitled the "Oceanic Circle".

This being the International Year of the Oceans, it is particularly fitting now for Dalhousie to recognize with gratitude, Dr. Borgese's many achievements. We are indebted to her and proud to have had her in our midst as a faculty member at Dalhousie since 1979. Her multidisciplinary approach to her work has firmly established Dr. Borgese as a shining example of the research and leadership we encourage and value at Dalhousie.

For her foresight, her far-reaching, plentiful, and lasting contributions, I ask you Mr. Chancellor, in the name of Senate, to confer upon Elisabeth Mann Borgese the degree of Doctor of Laws, honoris causa.

CITATION

SIR CUTHBERT SEBASTIAN

His Excellency Sir Cuthbert Montraville Sebastian, Governor General of St. Kitts and Nevis is a most distinguished Dalhousie Alumnus.

Born in St. Kitts, West Indies, he grew up wanting to be a doctor, but first qualified and worked as a chemist and druggist. He then enrolled at Mount Allison University and earned a Science degree in 1953. Finally, he enrolled at the Dalhousie Medical School, and in 1958, realized his ambition when he graduated with a Doctorate in Medicine and a Master of Surgery degree ready at last to return home to serve his people. Apart from a four-year stint in Scotland, where he received specialist training in Obstetrics and Gynaecology, Dr. Sebastian has been at the centre of medical care in St. Kitts and Nevis since his graduation. He retired from private medical practice on December 31, 1995 - one day before he was named Governor General of St. Kitts and Nevis.

Sir Cuthbert is internationally recognized as a humanitarian, a head of state, and a medical practitioner. In diplomatic circles, and to Queen Elizabeth II, he is Sir Cuthbert Sebastian, Knight Grand Cross of the Most Distinguished Order of Saint Michael and Saint George. Back home, where he has delivered most of the babies born on St. Kitts, they simply call him "Doc."

To highlight but a few of his many honors: in 1970, Her Majesty Queen Elizabeth II named Sir Cuthbert an Officer of the Most Excellent Order of the British Empire in recognition of his outstanding professional and community services to his country; in 1979, an Apostolic Blessing and pledge was conferred on him by Pope John Paul II; during His Royal Highness, the Prince of Wales' 1975 visit to St. Kitts, Sir Cuthbert was appointed his local physician; in 1969, he was elected a Rotarian, and he has faithfully served the Rotary Club of St. Kitts in many capacities, including a year as President.

Sir Cuthbert's countless contributions tell a story of enduring loyalty and commitment to the people of St. Kitts and Nevis for whom he continues to toil. Dalhousie University is also a beneficiary of his dedication, and we are thankful that his interest in medicine did not end with his retirement from private practice a few years ago. In 1997, he was instrumental in the realization of a TeleHealth agreement between the Dalhousie Medical School and St. Kitts-Nevis which enables doctors there to send video images, transmit heartsounds, blood pressure readings, EKGs and patient x-rays to Halifax for instant analysis and diagnosis.

For his illustrious and sustained contributions to his country and to Dalhousie University, I ask you, Mr. Chancellor, in the name of Senate, to confer upon Sir Cuthbert Montraville Sebastian the degree of Doctor of Laws, honoris causa.

DALHOUSIE UNIVERSITY COAT OF ARMS

The Dalhousie University Coat of Arms, which you see hanging at the back of the stage, is based on the arms of the ninth Earl of Dalhousie. The Rt. Hon. George Ramsay, Lieutenant-Governor of Nova Scotia, founded the University in 1818. The arms consists of five separate and distinct parts: the shield, the coronet, the crest, the supporters, and the motto. The "Coat of Arms" is the shield; the "Heraldic Achievement" is the overall combination of the shield, supporters and motto.

Dalhousie's Achievement is described as follows:

On a gold shield, a black eagle with wings and legs outstretched; beak and claws red.

Above the shield is an earl's coronet.

On top of the coronet is a blue unicorn's head, cut off at the neck, with its mane and horn gold.

Supporters - Two dragons.

Motto - Pray and work.

The achievement used by the University is different from the Earl's in three ways. First, through marriage one of the supporters on the Earl's achievement has been changed to a greyhound. Secondly, due to a misunderstanding of heraldic terms the supporters were mistakenly changed from the original griffins to dragons. The third change occurred in 1950 when the Board of Governors changed the colour of the shield from white (silver) to gold to reflect the University's colours of black and gold.

DALHOUSIE UNIVERSITY MACE

The Dalhousie University Mace will be carried into the auditorium by the Bedel, Eric McKee, Vice-President, Student Services, who leads the academic procession. The Mace was first carried in academic procession in May 1950.

The Mace was designed by R.L. deC. H. Saunders, a Professor of Anatomy, and carved by A.H. MacMillan of Halifax. It is made of oak, enriched with silver and enamel, and measures 1.4 metres in length.

The lower end of the mace is adorned with silver fish in recognition of one of our most important natural resources. Above this is a circular scene of a sea nymph calling across the waves towards the setting sun in representation of the impulse that led navigators to our shores. The roots put down by early settlers and the tall trees that first met their gaze are reflected in a pattern extending the entire length of the shaft.

The head of the mace bears a maple leaf. Set above the leaf is a carved circle of mayflowers, which symbolizes both the province and the flowering of a new civilization in the province which led to the establishment of the University. Four robed medieval scholars facing the main compass points represent the university faculties of 1950: Arts and Science, Dentistry, Law and Medicine. Each figure bears a silver enamelled shield with either the arms of the University or the Province of Nova Scotia. Alternating with these figures are the rose, thistle, fleur-de-lys and shamrock, depicting the home countries of the first European immigrants to the province.

The top of the mace head bears a five-rayed Scottish earl's coronet in recognition of the University's founder, the ninth Earl of Dalhousie. This part of the mace incorporates oak that came from the Earl's estate and was presented to Dalhousie University. Gracing the cap of the coronet, set above all, is a silver Celtic cross surrounded by the University motto "Ora et Labora" (pray and work). This cross was chosen as befitting a non-denominational institution with Scottish heritage.

ACADEMIC COSTUME

Graduates of the University are entitled to wear gowns and hoods of black material. The distinctive part of the costume is the lining of the hood, which for the various degrees is as follows:

Dalhousie

BA	White silk bordered with white fur
MA	Crimson silk
MAT(French)	Crimson silk bordered with white silk
BSc	White silk bordered with scarlet silk
BSc in Pharmacy	White silk bordered with purple silk
BSc in Health Ed.	Forest green silk bordered with gold silk
BSc (Kinesiology)	White Silk bordered with crimson silk
BSc (Nursing)	White silk bordered with royal blue silk
BSc (Physiotherapy)	White silk bordered with scarlet and gold silk
BSc (Occupational Therapy)	Peacock satin bordered with crimson silk
BSc (Agriculture)	White silk bordered with royal blue and gold silk
MSc	Scarlet silk
MSc (Agriculture)	Scarlet silk with gold chevron
BN	White silk bordered with royal blue silk
MN	Apricot silk
BPE	Sage green silk bordered with white silk
BRec	Yellow silk bordered with forest green silk
BE	Dark blue silk bordered with white silk
ME	Royal blue silk
BMus	White silk bordered with lavender silk
BMusEd	Lavender silk bordered with white silk border
BCom	White silk bordered with light blue silk
MBA	Turquoise silk
MDE	Medium blue silk bordered with red scarlet silk
MES	Brown silk
MLIS	Mid-forest green silk
MMM	Navy silk bordered with sea-green silk
MPA	Sky-blue silk
MHSA	Sky-blue silk bordered with white silk
BSW	Gold silk bordered with white silk
MSW	Citron silk
LLB	White silk bordered with gold silk
LLM	Purple silk
MD	Scarlet silk bordered with white silk
DDS	Scarlet silk bordered with gold
PhD	Entitled to wear a gown of black material faced with yellow silk. The hood is black corded silk with a lining of yellow silk and is of the Cambridge design. The birretum is

	black velvet with yellow cord/lining of yellow silk. Entitled to wear a gown of black faced with olympic blue silk bordered with yellow silk. The hood is of black corded silk with a lining of olympic blue silk bordered with yellow silk and of the Cambridge design. The birretum is of black velvet with blue and yellow cord.
JSD	
DalTech	
BArch	Vermilion bordered with white cord
BCSc	Emerald Green bordered with gold
BEng	Gold bordered with white corded
BEDS	White bordered with two parallel stripes of white cord
MArch (First Professional)	White bordered with two parallel stripes of red cord
MArch (Post Professional)	White bordered with vermilion
MASc	Blue bordered with gold and white piping
MCS	Emerald green bordered with gold and white piping
MEDS	White bordered with three parallel stripes of white and vermilion cord
MEng	Blue bordered with gold
MSc	Blue bordered with white cord
MURP	Peacock blue bordered with green cord
MEng/MURP	Peacock blue bordered with gold
MASc/MURP	Peacock blue bordered with gold and white piping
PhD	Entitled to wear a gown of black with front panels of royal blue velvet edged with white. The yoke is pointed in the back with velvet edged in white. The sleeves are lined in white and covered half way up with velvet piped in gold. The hood is lined in white with a blue velvet border with gold piping along the inner side of the blue velvet. The gown is worn with a black mortar board.

