

SCIENCE FAX

Newsletter of the Faculty of Science, Dalhousie University

Convocation Edition, May 2010

WE ARE PROUD OF OUR STUDENTS!

Congratulations to the following students of the Faculty of Science, Dalhousie University, whom we wish to recognize for their academic excellence:

<i>Governor General's Gold Medal in Natural Sciences & Engineering</i>	<i>Amy Trottier (Chemistry)</i>
<i>Governor General's Silver Medal (graduated October 2009)</i>	<i>Priyanka Chowdhury (Psychology)</i>
<i>University Silver Medal</i>	<i>Jinnie Kim (Biology)</i>
<i>Avery Prize</i>	<i>Amanda O'Reilly (Neuroscience)</i>

University Medals:

Biochemistry & Molecular Biology

Biology

Chemistry

Economics

Environmental Science

Marine Biology

Mathematics (Sir William Young Gold Medal)

Microbiology & Immunology

Neuroscience

Physics & Atmospheric Science

Psychology

Statistics

Myran Thana

Jinnie Kim

Lana Greene

Gerard Walsh

John Morrissy

Jesse Kelly

Daniel Hackmann

Rakhna Araslanova

Amanda O'Reilly

Matthew Lobban

Jacqueline Gillespie

Jing Zhang

2010 Science "Winning" Professors recognized for teaching excellence:

Peter Wentzell of the Department of Chemistry – Winner of the Faculty of Science Award for Excellence in Teaching

Jean Burnell of the Department of Chemistry – Winner of the Dalhousie Alumnl Ass'n Award of Excellence for Teaching

Departments' winning professors:

Gianna Aleman-Milan of the Department of Chemistry – Winner of the Canadian Society for Chemistry Faculty Advisor Award

Earth Sciences -Professor of the Year Award to Lawrence Plug

Economics Teaching Award - Ian McAllister and Kuan Xu

Environmental Science Program –Tarah Wright - Environmental Science Program Student Society Award for Excellence in Teaching

Physics & Atmospheric Science - The Forbes Langstroth Memorial Award to Ian Hill

Nathan Crowder, Undergraduate Neuroscience Society Professor of the Year

Ben Rusak, Dalhousie Association of Psychology Students' Professor of the Year Award

Jennifer Stamp, Senior Instructor, Psychology, Outstanding Academic Advisor Award

Dalhousie President's Graduate Teaching Award – Sarah Crawford, Chemistry

In 2009 and 2010 the following students have been honoured:

Darrell & Emily Laing Summer Undergraduate Research Awards
Alexander Arnold and Seoho Song

John Richard Freeman Warr Memorial Summer Undergraduate Research Award
Lauren Longobardi

Dalhousie 2009 Academic All-Canadian Awards

Nick Bagnell, soccer
Katie Campbell, track & field
Andrew Dalziel, soccer
Hampus Engzell, hockey
Leitia (Tisha) Evison, volleyball
Alison Farrell, track & field
Bevan Haley, swimming
Catherine Hart, track & field
Maggie Jones, swimming
Ryan Kiros, cross country, track/field

Corey Knickle, swimming
Gemma Lawson, swimming
Alexandra Legge, basketball
Sarah Lye, soccer
Mary-Frances Lynch, track & field
Alannah MacLean, soccer
Robert McCulloch, track & field
Miranda McMillan, hockey
Sarah McVey, hockey
Christopher Moran, swimming

Eric Negulic, soccer
Johanna Profit, swimming
Samantha Richard, hockey
Evan Schmid, swimming
James Sharpe, track & field
Lauren Smith, volleyball
Kaitlynn Watters, cross country,
track & field
Daniel You, volleyball

NSERC Summer Undergraduate Student Research Awards (2010)

Danielle Adam, Anatomy &
Neurobiology
Logan Atkinson, Biochemistry
Aaron Banks, Biochemistry
Matthew Foss, Biochemistry
Catherine Hart, Biochemistry
Aled Iaboni, Biochemistry
Matthew Lee, Biochemistry
Elizabeth Polvi, Biochemistry
Caitlin Reid, Biochemistry
Kyungsoo Shin, Biochemistry
Karla Armsworth, Biology
Alyssa Cirtwill, Biology
Fiona Francis, Biology
Kristen Hill, Biology
Yuriy Khalak, Biology
Andrew Lappin, Biology
Mary-Claire Sanderson, Biology
Andrew Wight, Biology
Matthew Yates, Biology
Lauren Bilinsky, Chemistry
Saptarshi Chowdhury, Chemistry

Erica Connors, Chemistry
Andrew Crowell, Chemistry
Arti Dhoot, Chemistry
Lauren Doyle, Chemistry
Paul Duchesne, Chemistry
Kelli Flemming, Chemistry
Jae Ho Han, Chemistry
Maneesha Rajora, Chemistry
Ryan Tilley, Chemistry
Lloyd Tucker, Chemistry
Kira Scheibelhut, Math/Stats
Matthew Stephen, Math/Stat
Ozra Akhouni, Microbiology & Imm.
Amanda Dennis, Microbiology & Immunology
Elizabeth Gagnon, Microbiology & Imm.
Patricia Jiang, Microbiology & Immunology
Hyang Sook Kim, Microbiology & Immun.
Shayla McIssac, Microbiology & Immunology
Kaylee Murphy, Microbiology & Immunology
Crystal Ng, Microbiology & Immunology
Kaitlyn Tanner, Microbiology & Immunology
Jessica Carriere-Garwood, Oceanography

Kayla Hamelin, Oceanography
Jessie Short, Oceanography
Ronald Yan, Pharmacology
Adam Alcolado, Physics
Robert Archibald, Physics
Jacqueline Byers, Physics
Graham Carey, Physics
Lindsay Cherpak, Physics
Jean-Marc Guindon, Physics
Mohanad Khairy, Physics
Matthew Mallay, Physics
Thomas Marks, Physics
Kimiko Sakamoto, Physics
Geoffrey Stuart, Physics
Jillian Baker, Psychology
Asha Bienkowski, Psychology
Antonios Diab, Psychology
Avery Nixon, Psychology
Heather Phelan, Psychology
Kyle Roddick, Psychology
Erin Wagner, Psychology

Killam Predoctoral Scholarships

Aaron Banks
Aidan Brown
Paul Duchesne
Emma Cannon
Christopher Cowper-Smith
Erin Morgan
Sean Mackinnon
Tynan Stevens
Aaron Smith
Chelsea Quinlan
Courtney Stairs

Mark McArthur
Mary McQuaid
Mark Pavlovski
Caroline Adlam
Jennifer Kelly
Peter Klages
Rylan Lundgren
David Smith
Jillian Filliter
Ryan Gawryluk
Shane Gero

Andrew Hoefel
Erin Mazerolle
Neil McKay
Jordan Pinder
Tyler Zemplak
James Rioux
Dawn Kellett
Aaron van Donkelaar
Jonathan Fawcett
Katy Garant
Kevin Hesp

Michael Lawrence
Vanessa Marx
Melanie Noel
Steven Patterson
Mark Petter
Peter Van Hengstum
Tyler Reddy
Brian Boates
Barry Watson

Killam Postdoctoral Fellowship

Robert Ronconi

Sophie Bestley

Walter C. Sumner Foundation

Peter Klages
Rylan Lundgren
Jean-Marc Samson

Yuen-ying Carpenter
Andrew van Bommel
Morgan MacInnis

Kimberly Miller
Alexis Taylor
Eamon Conrad

Patrick Connor

Departmental Awards:

Biochemistry & Molecular Biology

Peter Dolphin Memorial Prize
Doug Hogue Award
Kilmer McMillan Memorial Book Prize
Society of Chemical Industry Canadian Section, Merit Award
Douglas Russell Memorial Book Prize
Patrick Prize in Biochemistry & Molecular Biology

Grant Stevens
Peter Murphy (09/10)
Elizabeth Polvi
Aaron Banks
Aled Iaboni
Jessica Leigh

Biology

Hugh P. Bell Scholarships
B'nai B'rith Prize
David Andrew Dougall Memorial Bursaries
David Durward Memorial Prize
Alex Graham Memorial Award
Gary Hicks Memorial Award
Sarah Lawson Scholarships
Ming Fang Li Memorial Prize
Shao Hua and Wen Hsiang Yoh Prizes in Biology
Developmental Biology Prize
Vemco Scholarship in Marine Biology

Jinnie Kim, Jesse Kelly, Karen Filbee-Dexter, Asha MacDonald, Kristin Dinning
Tiffany Vass
Neil Merovitch, Chelsea Boaler, Christine Stortini, Katelyn Cherwonick
Jessica Carriere-Garwood, John O'Brien
Jesse Kelly
Asha MacDonald, Joey Carter
Julia Spencer, Jaime Wertman, Adrian Dauphinee
Naomi Pleizer
John O'Brien, Allison McFadden-Berean
Jinnie Kim
Jessie Short

Chemistry

E. Walter Todd Scholarships
Walter J. Chute Scholarship
Donald R. Arnold Scholarship
Gerry Dauphinee Scholarship
Graduate Student Departmental Seminar I Prize
Graduate Student Departmental Seminar II Prize
Hugh Graeme Fraser Memorial Prize
Kenneth and Dorothy Hayes Memorial Prize
Hypercube Scholar Award
Knop Prize in Chemistry
Spirit of Chemistry Prize
Canadian Society for Chemistry Silver Medal
ACS Award in Analytical Chemistry
CRC Press Freshman Achievement Award
John Carstairs Arnell Prize
John Hamilton Barrett Prize
Belle Crowe Scholarship
Society of Chemical Industry Merit Award
Anna Wilson Scholarship
Douglas E. Ryan Prizes
Kenneth T. Leffek Prize
Eliza Ritchie Doctoral Scholarship for Women
President's Graduate Teaching Assistant Award

Elias Machaalani, Kim Theirault
Lana Greene
Carla Jackson
Dane Knackstedt, Mark Wall
Franklyn MacDonald
Cheryl Saunders
Paul Duchesne
Sean Collins
Elias Machaalani
Lauren Longobardi
Mary Bateman
Kim Theirault
Elliott Wright
Lauren Doyle
Lana Greene
Stephanie Forget
Paul Duchesne
Paul Duchesne
Alicia Oickle
Jennifer Black, Samuel Mitton
Matthew Rankin
Yuen-ying Carpenter
Sarah Crawford

Earth Sciences

Best Undergraduate Thesis Award
Effective Writing Award (Thin Thesis Award)
Canadian Society of Petroleum Geologists SIFT
Student-Industry Mineral Exploration Workshop (SIMIEW)
David Barlow Memorial Award
G.V. Douglas Memorial Prize
MacEachern/Ponsford Award
M.J. Keen Memorial Award
J. Ewart Blanchard Memorial Scholarship
Earth Sciences TA of the Year

Fiona Gallacher
Josh Manning
Lucia Newton
Anne Belanger
Joe Taylor
Derrick Midwinter
Anne Belanger
Beth Cowan
Matthew Abram
Hayley Pothier

Economics

Anonymous Prize in Economics
R.L. Comeau Scholarship
Professor W. Russell Maxwell Memorial Scholarship Awards
Zella Crowe Spencer Memorial Scholarship
University Medal in Economics
U.L.G. Rao Memorial Prize in Economics

Fergus Parkinson
Kyoung Mook (Michael) Lim
Aesclinn Donohue and Gerard Walsh
Elspeth Hazell
Gerard Walsh
Laura O'Hearn

Environmental Science Program

University Medal in Environmental Science
Environmental Science Program Honour Society Medal

Environmental Science Program Award
Environmental Science Honours Thesis Prize
Owen Hertzman Prize
The Pearson Education Canada Book Prize
Art and Dorothy Cooke Memorial Research Scholarship

John Morrissy
Alexander Brandt, Stephanie Daley, Lauren Isabelle, Luke Miller, John Morrissy,
Dale Prest, Leslie Saunders, Rolanda Steenweg, Christiane Verstraten
Vanessa Pook
John Morrissy
Emily Rideout
Heather Semotiuk
Dale Prest

Mathematics & Statistics

Sir William Young Gold Medal in Mathematics
University Medal in Statistics
Ralph & Frances Lewis Jeffery Scholarship
Barry Ward Fawcett Memorial Prize
Ken Dunn Memorial Prize
Katherine M. Buttenshaw Prize
Waverly Prize
Emil and Stella Blum Award in Mathematics
Ellen McCaughin McFarlane Prize
Department of Mathematics & Statistics Bursary
Professor Michael Edelstein Memorial Graduate Prize

Daniel Hackmann
Jing Zhang
Daniel Hackmann & Andrew MacDougall
Jian Li
Kira Scheibelhut
Jessica Vandorpe
Saptarshi Chowdhury
Matthew Dempsey
Jian Li
Brandon Crossman
Emma Connon

Microbiology & Immunology

Honours Student Prize
University Medal in Microbiology & Immunology
Department Award for Outstanding Academic Achievement
The Ron Carr Award

Brett Gardiner.
Rakhna Araslanova.
Daniel Sawler.
Rakhna Araslanova.

Oceanography

Kathy Ellis Book Prize

Shiliang Shan

Physics and Atmospheric Science

Burgess McKittrick Scholarships

J.G. MacGregor Scholarships

Dr. G.H. Henderson Prize
Dr. A.S. MacKenzie
Darrell Montgomery Memorial Prize
E.W. Guptill Memorial Prize
Meteorology Prize
Mas Senba Memorial - Theoretical Physics Award
Department Teaching Assistant Award
Resource Centre Teaching Assistant Award
Top - Canadian Association of Physicists Prize Exam

Benjamin Levitan, PHYC 1100; Alexander Arnold, PHYC 1300; Lauren
Bilinsky, DISP; Kimiko Sakamoto, 2nd year
Zachary Mollica, Tegan Wiebe, Mathew Britton, Patricia Oliver, Rene
Madden, PHYC 1100; Kristianne Galpin, David Grandy, Melissa Wallace, DISP
Lindsay Cherpak
Kimiko Sakamoto, Lindsay Cherpak, Charles Eyrich
Jessie Harlow
Hannah Dahn
Allison Butt
Adam Alcolado
Justine Galbraith
Josh Bray, Samer Kahwaji
Charles Eyrich

Psychology

Brimer Memorial Scholarship
Hebb Prize
Dr. W.K. Honig Prize
University Medal in Neuroscience
University Medal in Psychology
David and Ruth Hubel Undergraduate Neuroscience Award
Frances L. Stewart Memorial Prize
Dr. Lilyan E. White Prize in Psychology
Susan Paula Forward Memorial Prize

Jacqueline Gillespie, Kyle Roddick
Chelsea Quinlan (Master's), Chris Cowper-Smith (PhD)
Armstrong Mackenzie
Amanda O'Reilly
Jacqueline Gillespie
Nicole White
Jessica Murray
Sasha Wilson (Psychology), Kal Mungovan (Neuroscience)
Heather Phelan



We are proud of the achievements of our students & I would like to take this opportunity to thank faculty & staff for your role in their success.

Chris Moore, Dean of Science, Dalhousie University

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