

# SCIENCE FAX

Newsletter of the Faculty of Science, Dalhousie University

Convocation Edition, May 2005

***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:***

***Governor-General's Silver Medal  
(highest award for all undergraduates)***

***Gregory Paul Rockwell***

***University Medals:***

***Biochemistry & Molecular Biology***

***Biology***

***Chemistry***

***Earth Sciences***

***Economics***

***Environmental Science***

***Marine Biology***

***Mathematics (Sir William Young Gold Medal)***

***Microbiology & Immunology***

***Neuroscience***

***Physics & Atmospheric Science***

***Psychology***

***Statistics***

***Tyler Reddy***

***Anna London***

***Thomas Tran***

***Maureen White***

***Sarah Rosenberg***

***Megan Forward***

***Jennifer Frail***

***Christy Rae Cameron***

***Kimberly Rutherford***

***Jessica Wylie***

***David Kelly***

***Amelie Doucet***

***Catherine F. French***

***2005 Science "Winning" Professors recognized for teaching excellence:***

***Dr. Robert Fournier, Department of Oceanography - Faculty of Science Award for Excellence in Teaching***

***Dr. Dennis Phillips, Department of Psychology - The Dalhousie Alumni Award for Teaching Excellence***

*In each of the below the students pick the winning professors from their departments:*

*Chemistry - Undergraduate Chemistry Society Teaching Awards to **Dr. Mark Stradiotto** and **Dr. Peter Wentzell***

*Earth Sciences - Professor of the Year Award to **Mr. Peter Wallace***

*Economics - Award for Excellence in Teaching Economics to **Dr. Teresa Cyrus***

*Environmental Programmes - **Dr. Tarah Wright** - Environmental Programs Student Society Award for Excellence in Teaching*

*Neuroscience - **Dr. Tara Perrot-Sinal**, Best Neuroscience Faculty Member*

*Physics & Atmospheric Science - The Langstroth Memorial Award to **Dr. Ian Folkins***

*Psychology - Psychology Excellence in Teaching Award to **Dr. Brad Frankland***

*Science Undergraduate Student Society Teaching Award to **Dr. Richard Wood**, Department of Mathematics & Statistics*

***In 2004 and 2005 the following students have been honoured:***

***Darrell & Emily Laing Summer Undergraduate Research Awards (2005)***

Emily Claydon, Microbiology and Immunology  
Jordan Pinder, Biochemistry & Molecular Biology

***John Richard Freeman Warr Memorial Summer Undergraduate Research Awards (2005)***

Emily Adams, Biology

**Rhodes Scholarship** - Anna Robinson, Psychology

***Dalhousie 2004 Academic All-Canadian Awards***

Angela Alambets	Andrea Faryniuk	Tara Mallowney	Ellen Vessie
Chris Algar	Cathy French	Lauren Plummer	Tim Wiley
Janice Ashworth	Chris Goulet	Stacey Power	
Katie Campbell	Katie Hollinshead	Maria Profit	
Heather Crowdis	Jason Meadows	Laura Scharf	

***NSERC Summer Undergraduate Student Research Awards (2005)***

Natalie Fioratos, Anatomy & Neurobiology	David Cyr, Chemistry	Caitlyn MacMaster, Oceanography
Shivani Gautam, Biochemistry & Mol.Biol.	John Hendry, Chemistry	Brock Brown, Physics & AS
Karen Li, Biochemistry & Mol.Biol.	Robert McWhinney, Chemistry	Benjamin Downing, Physics and AS
Brandi Mahaney, Biochemistry & Mol.Biol.	Gabriel Menard, Chemistry	Allison Hill, Physics and AS
Krystal van den Heuvel, Biochemistry & Mol Biology	Claire Morley, Chemistry	Bretton MacDonald, Physics and AS
Benjamin Whatley, Biochemistry & Mol.Biol.	Jessica Pearson, Chemistry	Theresa Mader, Physics and AS
Asra'a Abidali, Biology	Alex Speed, Chemistry	Alexander Morash, Physics and AS
John Boudreau, Biology	Dannica Switzer, Chemistry	Brendan Osberg, Physics and AS
Danielle Bourque, Biology	Amy Trotter, Chemistry	Stanley Selig, Physics and AS
Zahra Daftarian, Biology	Victoria Arbour, Earth Sciences	Joel St.Aubin, Physics and AS
Katy Garant, Biology	Jared Butler, Earth Sciences	Doug Staple, Physics and AS
Alison Green, Biology	Samantha Jones, Earth Sciences	Tout Wang, Physics and AS
Jacalynne Hernandez-Lee, Biology	Iain Grundy, Health & Human Performance	Caleb Zelenietz, Physics and AS
Luke Johnson, Biology	Heather Neyedli, Health & Human Perf.	Gillian Alcolado, Psychology
Carmen Lishman, Biology	Darcie Wilson, Health & Human Performance	Christopher Bebbington, Psychology
Amr Mahmoud, Biology	Micah McCurdy, Mathematics	Diane Kung, Psychology
Jessica Mitchell, Biology	Alyson Horne, Microbiology and Immun.	Stephanie Nelson, Psychology
Sarah Pannozzo, Biology	Sapna Jha, Microbiology and Immun.	Natalie Parks, Psychology
Yassein Shamout, Biology	Rosemarie Kepkey, Microbiology and Immun.	Kaila Rudolph, Psychology
Faiza Siddiqi, Biology	Henry Lo, Microbiology and Immun.	Leanne Ten-Brinke, Psychology
Cameron Starratt, Biology	Ashley McKay, Microbiology and Immun.	Vanessa Versteeg, Psychology
Scott Cameron, Chemistry	Abigail Kinga Nowak, Microbiology & Immun.	Stephanie Woodroffe, Psychology
	Vanessa Surette, Microbiology and Immun.	

***Julie Payette-NSERC Research Scholarships***

Gregory Rockwell, Chemistry and Mathematics and Erin Mazerolle, Computer Science and Neuroscience

***Killam Predoctoral Scholarships***

Tony Barresi	Samantha Goldwater-Adler	Daniel Gordon Kehler	Matthew Rankin
Julia Baum	Valerie Grant	Noreen Kelly	Yan Rodriguez Evora
Ian Robert Bradbury	Felix Hanke	Amy Christine MacPherson	Michael C. Rygel
Arman Bonakdarpour	David C. Hardie	Julie Mailloux	Tyler Schulz
Michael Carter	Kenneth Troy Harker	Erin Moon	Lekha Sleno
Karen Cheng	Yanjing He	Belquis Mothana	Gregory Thiemann
Vincent Chevrier	Richard Hoshino	Daniel Walton O'Neill	Jane Willenbring Staiger
Brie Drummond	Steven Ings	Paul Ottaway	Tabitha Eden Wood
Saskia Erdmann	Yoko Ishigami	Robyn Ovans	Jin Yue
Michael Fleischauer	Michael Jakubinek	Jason Pearson	Liang Zhao

***Killam Postdoctoral Fellowships***

Sigbjorn Hervik	David Lusseau	Clare Warren
Gabor Lukas	Cherif Matta	Olga Zhaxybayeva

***Sumner Scholarships***

Cory Beshara	Adam Dyker	Louis LaPierre	Belquis Mothana	Adam Timmons
Mike Carter	Jeremy Hughes	Fayleen Lunn	Lekha Sleno	Shannon Timmons

***NSERC IPS Scholarships***

Sarah Elizabeth Chisholm	Leah Margaret Lewis	Victor William Young
Hubert Fortier	Kent Wayne Simpson	

## ***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

Tyler Reddy  
Charles Bullerwell  
Jordan Pinder  
Tyler Reddy  
Yassein Shamout  
Thomas Lagace

## ***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 Yuh Prizes in Biology  
Teaching Assistants Awards  
Lorne O. L. Titus Scholarships in Biology

Ivy Whitehorn, Jennifer Frail, Brenna van Tol, Anna London,  
Martin Mallet  
Travis Carpenter  
Tanya Pelrine, Melissa Morine, Erin Redmond, Katie  
McCrossin, Leslie Nasmith  
Katy Garant  
Gavin Grey, Stephanie Howes  
Heather Andrachuk  
Alan Bland, Paul Chafe, Katy Schurman, Benjamin Stewart  
Vicky Yaroshewski  
Oliver Barker, Alison Green  
Trevor Doerksen, Lisa MacDonald  
Nathan Lamond, Kaila Rudolph

## ***Chemistry***

Belle Crowe Scholarships

E. Walter Todd Scholarships  
Alan Chaloner Hill Bursaries  
Walter J. Chute 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  
Knop Prize in Chemistry  
Canadian Society for Chemistry Silver Medal  
ACS Award in Analytical Chemistry  
CRC Press Freshman Achievement Award  
John Carstairs Arnell Prize  
John Hamilton Barrett Prize  
Hypercube Scholar Award  
Society of Chemical Industry Merit Award  
Anna Wilson Scholarship  
Douglas E. Ryan Prizes  
Kenneth T. Leffek Prize

Ezra Edelstein, Krystyna Edwards, Erin Grundy, Malcolm  
Huestis, Darren MacLean, Autumn Meek, Rebecca Neu, Steven  
Patterson, Erin Power, Lindsay Reid, Lise Renault, Alex Speed,  
Edmund Tan, Brian Thompson  
Ian Comeau, Gregory Rockwell  
Jean-d'Amour Karemerwa, Gordon Simms, Laura Whyte  
Thomas Tran  
Carlos Gonzalez  
Mark Konecny  
Paul Ragogna  
Ian Comeau  
Thomas Tran  
Alex Speed  
Thomas Tran  
Chelsea Thorne  
Amy Trottier  
Gregory Rockwell  
Ian Comeau  
Diane Mataija  
Thomas Tran  
Lisandra Cubero Herrera  
Sonia Hevia, Jeremy Hughes, Jeff Landry, Dominik Wechsler  
Paul Ragogna

## ***Earth Sciences***

Best Undergraduate Thesis Award  
Effective Writing Award (Thin Thesis Award)  
Canadian Society of Petroleum Geologists SIFT  
David Barlow Memorial Award  
G.V. Douglas Memorial Prize  
James L. Hall Scholarship  
MacEachern/Ponsford Award  
M.J. Keen Memorial Award  
Mining Society of Nova Scotia Centennial Medal  
Geological Association of Canada Student Prize

Maureen White  
Denise Brushett  
Matthew Robichaud  
Graham Hill  
Michael Giles  
Matthew Ferguson  
Sheila Ballantyne  
Krista Sutton  
Maureen White  
Samantha Jones

## ***Economics***

Professor W. Russell Maxwell Memorial Scholarship Awards

Muhammad Cajee, Philip Carriere, Michael de la Mothe, Robert  
Grandy, Frances Middleton, Noeleen Riordan, Sarah Rosenberg, Karen  
Welch

### ***Environmental Programs***

Environmental Programs Award  
Environmental Science Honours Thesis/Major Project Prize  
Owen Hertzman Prize

Erin Balsler  
Lance Richardson-Prager  
Carmen Lishman

### ***Mathematics & Statistics***

Dr. Emil & Mrs. Stella Blum Prize in Mathematics  
Ken Dunn Memorial Prize  
Barry Ward Fawcett Memorial Scholarship  
Katherine M. Buttenshaw Prize  
Bernoulli Prize  
Ralph & Frances Lewis Jeffery Scholarship  
Ellen MacCaughin McFarlane Prize  
Sir William Young Gold Medal (Mathematics)  
University Medal in Statistics  
Waverly Prize

John G. Hendry  
Amanda Elizabeth Halladay  
Jillian M. Falkenberg  
Christy Rae Cameron  
Marc L. Humber  
Shannon Ezzat and Christy Rae Cameron  
Micah B. McCurdy  
Christy Rae Cameron  
Catherine F. French  
Kristian A. Richards

### ***Microbiology & Immunology***

Department Award for Outstanding Academic Achievement  
Award for Excellence In Undergraduate Honours Research  
Ron Carr Award

Robert Stewart and Amol Verma  
Suzanne Furlong  
Kevin Downing

### ***Oceanography***

Unama'ki-Fisheries and Oceans Canada Scholarship  
Doctoral Thesis Award in the Natural & Medical Sciences and Engineering

Erin Breen  
Yannick Huot

### ***Physics and Atmospheric Science***

Burgess McKittrick Prize  
EW Guptill Memorial Prize  
GH Henderson Prize  
JG MacGregor Prize  
  
Dr AS MacKenzie Prize  
Fourth Year Dr AS MacKenzie Prize  
Darrell Montgomery Memorial Prize  
University Medal in Physics  
Meteorology Prize  
Resource Centre TA Award  
Teaching Assistance Award  
Lorne O. L. Titus Scholarship - Physics

Travis Carpenter, Ian Sarty, Douglas Staple, Caleb Zelenietz  
Matt McDowell  
Joel St. Aubin  
Andrew Reddin, Dylan Wells, Brock Brown, Vanessa Surette,  
Christopher Bebbington, Luke Johnson  
Douglas Staple, Caleb Zelenietz  
Philip Casey  
Michael Chung  
David Kelly  
Ashley Harris  
Robbie Sanderson, Vincent Chevrier  
David Kelly  
Joel St. Aubin

### ***Psychology***

Beatrice Award  
Brimer Memorial Scholarship  
Mabel Goudge Scholarship  
Hebb Prize  
W.K. Honig Prize  
University Medal in Neuroscience  
University Medal in Psychology  
Neuroscience Institute Prize  
Rhodes Scholarship  
Frances L. Stewart Memorial Prize  
Dr. Lilyan E. White Prize

Stephen Lewis  
Amelie Doucet and Allison MacFadyen  
Denise Bernier  
Valerie Grant  
Christina Morgan, Stephanie Nelson, Natalie Parks, Mryanda Sopel  
Jessica Wylie  
Amelie Doucet  
Rahia Mashoodh and Erin Mazerolle  
Anna Robinson  
Kaitlin English  
Jonathan Fawcett (Psychology) and Diane Kung (Neuroscience)

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

***Keith F. Taylor, Dean of Science***