

THE (PETRI) DISH

Faculty of Science Newsletter



The departments of Biochemistry, Biology and Chemistry held a FOSTER Science Program outreach event 'Science Under the Whale' for several community groups, including Big Brothers, Big Sisters; Association for New Canadians and First Light NL. Activities included a chemistry kaleidoscope experiment, fingerprint keychains and a decorate your own lab coat photo booth.

In the News

Fossil bed discovered near Upper Island Cove. [VOCM](#)

Upper Island Cove fossil discovery 'one of the most important sites in the world' with specimens 'completely new to science.' [Saltwire](#)

Jacob Critch - a recent Computer Science grad, songwriter and music producer - has a track on a new album by K-Pop superstars The Boyz. [Saltwire](#)

Dr. **Amy Todd**, Biochemistry, is featured in a podcast on accessibility in higher education. [Learning Technology Coach Podcast](#)

Isaac Uloko and **Ebuka Amaefula**, Computer Science, used AI to develop an online exam proctoring process. [Saltwire](#)

Dr. **Carole Peterson**, Psychology, on childhood amnesia and parental influence on early memories. [Fatherly](#)

How do you move 60,000 bees? Very carefully, says Biology's Dr. **Tom Chapman**. [CBC NL](#)

Ishmum Bin Noor Shaad, a first-year Bangladeshi Science student, is relieved his family is safe after Tropical Cyclone Mocha. [CBC NL](#)

Dr. **Brad de Young**, Physics and Physical Oceanography on the impacts of climate change on ocean warming. [Newsweek](#)

'A whole world opens up' for kids at Science Rendezvous. [CBC NL](#)

Dr. **Bill Montevecchi**, Psychology, says gannets are the species of greatest concern in N.L. as avian influenza continues to affect seabird colonies. [Saltwire](#)



DEAN'S MESSAGE

I hope everyone is having a productive and rejuvenating summer.

Registration is currently underway, and I am eagerly anticipating the arrival of a new class of enthusiastic first-year students, along with our returning students, as we prepare to commence classes in a few weeks.

I am delighted to share the news that the Dean's office is organizing a Faculty and Staff Appreciation Luncheon at the Breezeway on Thursday, August 10th, from 12-2 pm.

This event serves as a small gesture to recognize and celebrate the exceptional efforts of you, our dedicated staff and faculty in the Faculty of Science, who are crucial for us in achieving our goals of providing high-quality education and fostering academic excellence.



NEW STAFF

Julie Purchase, head secretary, Biology

Ian Burrage, field and diving technician, Ocean Sciences

Daisy Archibald, science technician, Ocean Sciences

Brooke Hollett, science technician, Ocean Sciences

Tyler Elliott, science technician, Ocean Sciences

FACULTY AND STAFF NEWS

The Department of Biochemistry's Human Biosciences program has been approved. The program is the first-of-its-kind in Canada. [Read](#)

Dr. **Eric Thiessen**, Earth Sciences, has been named an outstanding reviewer for 2022 for the Canadian Journal of Earth Sciences

Dr. **Hilary Corlett**, Earth Sciences, received the Tracks Award from the Canadian Society of Petroleum Geology to recognize specific meritorious service to the organization. [Read](#)

Dr. **Stephen Piercey**, Earth Sciences, received the Duncan Derry Medal from the Mineral Deposits Division of the Geological Association of Canada. It is the highest award in the field of mineral deposits research in the country. Dr. **Piercey** has also recently been named technical advisor for the Murchison Minerals Ltd. Brabant-McKenzie project in Saskatchewan.

Dr. **Sheila Garland**, Psychology, discusses cognitive behaviour therapy for insomnia and how it can improve functioning in patients with cancer at Sleep 2023. [Video](#)

Dr. **J. Kim Welford**, Earth Sciences, has joined the editorial board for Nature Communications Earth and Environment.

2023 School of Graduate Studies Dean's Awards for Service Excellence

Dr. **Asokan Variyath**, Mathematics and Statistics
Debbie Hickey, Chemistry

2023 School of Graduate Studies ROCKStar Supervisor Award

Dr. **Lindsay Cahill**, Chemistry
Dr. **Chris Parrish**, Ocean Sciences
Dr. **John Jamieson**, Earth Sciences
Dr. **Candemir Cigsar**, Mathematics and Statistics
Dr. **Ashlyn Swift-Gallant**, Psychology



Alumni News

A feature story on **Seung Byong Light Go**, Mathematics and Statistics, currently general counsel and corporate secretary at Engineers Canada. [Canadian Lawyer Magazine](#)

Dr. **Quinn Webber**, Biology, has received the Canadian Society for Ecology and Evolution Early Career Award for exceptional contributions in animal social and spatial ecology.

Dr. **Uday Saxena**, Biochemistry, has launched a 3D bioprinting startup and hopes to revolutionize drug discovery. [HansIndia](#)

In the Gazette

Earth Sciences professor, Dr. **Steve Piercey**, has received the highest Canadian geology award. [Read](#)

Biology students progress from top 5 in international competition to published authors. [Read](#)

A research study led by Dr. **Sheila Garland**, Psychology, has reported that cognitive therapy improves memory in cancer survivors who suffer from insomnia. [Read](#)

Hundreds of 560-million-year-old fossils discovered in Upper Island Cove garden. [Read](#)

Dr. **Dawn Bignell**, Biology, is searching for wild yeasts from an unexpected source: the oceans around Newfoundland and Labrador. [Read](#)

Gem exploration may become cheaper and easier thanks to work by Earth Sciences researcher Dr. **Philippe Belley**. [Read](#)

Being a Fulbright Canada Killam Fellowship recipient, and spending a semester as an exchange student at the University of Washington, is opening doors for **Katherine Dibbon**, Chemistry/Political Science. [Read](#)

Dr. **Kris Poduska**, Physics and Physical Oceanography, is involved in an extensive program aimed at curbing the effects of climate change. [Read](#)

Indigenous spring grad **Amelia Jones**, Psychology, working to understand, fix cognitive decline. [Read](#)

Spring grads **Sydney Hillier**, Biochemistry, and **Adam Herritt**, Biochemistry/Psychology, find each other during educational journey. [Read](#)

Liam Gregory, a Biochemistry alumnus, is Memorial's latest Rothermere Fellow, one of the university's most lucrative and prestigious awards. [Read](#)

Earth Sciences recognizes academic achievement and community involvement. [Read](#)

Dr. **Xianta Jiang**, Computer Science, has received funding to develop controls for prosthetic hands with AI. [Read](#)

Science Rendezvous, a family-friendly day of science discovery, held in the Core Science Facility. [Read](#)

Memorial researchers, including those from the Faculty of Science, to benefit from historic research investment. [Read](#)

Physics and Physical Oceanography alumni, Dr. **Mingxi Zhou**, is researching new ways to boost the capability of robots to function underwater for longer periods of time. [Boston Globe](#)

Dr. **Donald Dingwell**, Earth Sciences, has been awarded the Gustav Steinmann Medal of the DGGV, Germany's national Geology Society. He also received an honorary D.Sc. from Simon Fraser University at the spring convocation.

Kevin Fagan, Mathematics and Statistics, has been named commissioner chair of the Public Utilities Board. [Read](#)



Haley Bonnell and Shawna Brenton, Psychology, recently presented their honours research at the annual Science Atlantic Psychology conference in Halifax.

Do you do research on the Bonavista Peninsula?

Discovery UNESCO Global Geopark is looking to create an inventory of research projects based on the northern part of the Bonavista Peninsula as part of their reporting to UNESCO, or researchers interested in creating new research initiatives. We would love to hear from you and help you to connect with our communities.

Research might encompass any area of the sciences based on the peninsula or surrounding waters. Please contact Discovery Global Geopark info@discoverygeopark.com



In the News (cont'd)

Dr. Ian Jones, Biology, is featured in a story on how Newfoundland puffins assisted in saving the bird's population in Maine. [Pet News 2Day](#)

[A new study from](#) Dr. Steve Carr, Biology, on where honeybees come from 'turns the standard picture on its head.' [LiveScience](#)

BioLabMate, co-founded by **Sarika Kumari**, Biochemistry, is one of two teams to be honoured in the first Ocean Communities Challenge. The start-up is looking to replace single use plastics with seaweed-based materials. [Saltwire](#)

Sarah Adcock, Cognitive and Behavioural Ecology and currently a professor at the University of Wisconsin-Madison, is developing strategies to evaluate how farm practices affect animal behaviour, physiology and productivity, and optimize those outcomes. [Farm Progress](#)

Dr. **John Jamieson**, Earth Sciences, talks deep-sea mining and why it should be considered. [The Broadcast](#)

Dr. **Sheila Garland**, Psychology, talks cognitive behavioural therapy for insomnia and how it can help cancer sufferers get a good night's sleep. [CBC NL](#)

The Ocean Science seals and the department's Public Education Program were featured on Your Community. [NTV](#)

STUDENT NEWS

Stephanie Salia, Psychology, won a Canadian Institutes of Health Research Institute of Gender and Health Trainee Poster Award at the international Organization for the Study of Sex Differences conference.

Stephanie Salia and Meaghan Hinks each won a Canadian Institutes of Health Research Travel Award to attend the international Organization for the Study of Sex Differences conference.

Out of 71 poster presentations, Earth Sciences students won three of the six student poster awards at the recent Geological Association of Canada-Mineralogical Association of Canada annual meeting. **Cheuk Yin Yip** took home third place while **Arlin Fonseca-Martinez** and **Fatma Gumus**, each received an honourable mention.

Jenna Lee Ralph, Chemistry, Chemical Institute of Canada (CIC) Undergraduate Award in Inorganic Chemistry (oral); **Suprio Chowdhury**, Chemistry, CIC Undergraduate Award in Material Chemistry (oral) and **Jenna Hanrahan**, Chemistry, CIC Undergraduate Award in Material Chemistry (poster); Science Atlantic ChemCon 2023.

Sathya Amarasena, Biochemistry, first place, Graduate Research Award, Science Atlantic Nutrition and Foods Conference

Ava Rasouli, Biochemistry, third place, Graduate Research Award, Science Atlantic Nutrition and Foods Conference

Varleen Kaur, Biochemistry, Science Atlantic Communication Award, Science Atlantic Nutrition and Foods Conference

Earth Sciences PhD student **Timilehin Oguntuyaki** is using a natural process to transform atmospheric CO₂ into a safe and solid mineral. [Read](#) or [Watch](#)

Biology graduate student **Brendan Carswell** is using a new method to calculate animal populations and open the field of wildlife management to community involvement. [Read](#) or [Watch](#)

Angelo Armijos Carrion, Biology, received a student travel bursary from the Canadian Botanical Association to participate in the CSEE+CBA annual meeting in Winnipeg.

Dilum Liyanage, Computer Science, is the first Sri Lankan to create a website and app using AI technology. Scholalify can teach more than 25 school subjects in three languages and uses the Chat GPT AI Chatbot. [Read](#)

Incoming Science student **Silas Moore** has received a \$100,000 Schulich scholarship to study at Memorial this fall. [Read](#)

Sarika Kumari, Biochemistry, has co-founded BioLabMate, which uses technology to convert kelp into recyclable, biodegradable plastic. The company recently won the Ocean Startup Project's Ocean Communities Climate Challenge. [Read](#)

SCHOOL OF GRADUATE STUDIES AWARDS 2022-2023

Abreham Abad, Biochemistry – The CIFST ST Graduate Student Award in Food Science

Ali Abdelsamad, Earth Sciences – Chevron Canada Limited Rising Star Awards

Sina Abdolrahim Poor Heravi, Biochemistry – Biochemistry Graduate Teaching Excellence Award

Mahesha Umayangani Asiriwardhana, Biochemistry – Biochemistry Graduate Teaching Excellence Award

Miranda Boutilier, Scientific Computing – The Shaun C. Hillier Memorial Scholarship

Alexander Burke, Psychology – A.G. Hatcher Memorial Scholarship

Ashlee Coles, Psychology – SSHRC Canada Graduate Scholarship – Master's

Sydney Collins, CABE – Dr. Leslie Tuck Avian Ecology Award

Mark Corrigan, Psychology, Dr. Doris M. Babstock Memorial Scholarship

Laura Couturier, Psychology – CIHR Canada Graduate Scholarship – Master's

Ian Coxon, Earth Sciences – School of Graduate Studies F.A. Aldrich Fellowship

Katrina Cruikshanks, Biology – NSERC Canada Graduate Scholarship – Master's

Renan Danielski, Biochemistry – The CIFST ST Graduate Student Award in Food Science; the J. Beryl Truscott Graduate Scholarship; the L.M. Stead Oral Competition Award

Joanna Dicks, Marine Biology – The Weston Family Graduate Scholarships

Chandrika Sewwandi Dissanayaka, Biochemistry – The CIFST ST Graduate Student Award in Food Science

Parker Doirion, CABE – NSERC Canada Graduate Scholarship – Master's

Olivia Dutton, Psychology – NSERC Canada Graduate Scholarship – Doctoral

Vahid Entezar-Saadat, Earth Sciences – Miller Graduate Scholarship in Geophysics and Physical Oceanography

Alicia Escribano, Earth Sciences – Chevron Canada Limited Rising Star Awards

Siann Gault, Psychology – SSHRC Canada Graduate Scholarship – Doctoral

Brianna George, Psychology – Baskanderi Award in Anti-Racism; Jane Doe Award in Anti-Violence

Fatma Gumus, Earth Sciences – Chevron Canada Limited Rising Star Awards

Mahin Hashemihedeshi, Chemistry – TD Graduate Bursary for Environmental Study

Victoria Heath, Marine Biology – J. Roger Pearson Graduate Award

Mohammad Khalid Hossen, Scientific Computing – The Shaun C. Hillier Memorial Scholarship

Kyle Ivany, Psychology – NSERC Canada Graduate Scholarship – Master's

Sara Jobson, Marine Biology – J. Roger Pearson Graduate Award; NSERC Postgraduate Scholarship

Caleb Jones, Mathematics and Statistics – The Rev. Dr. Bernard J. O'Connor Scholarship

Verena Kalter, Marine Biology – Ms. Carole Solberg and Dr. John Hoddinott Graduate Teaching Award

Mitra Kangazian Kangazi, Earth Sciences – Chevron Canada Limited Rising Star Awards

William Kellough, Mathematics and Statistics – NSERC Canada Graduate Scholarship – Master's

Abolfazl Khan Mohammadi, Earth Sciences – Chevron Canada Limited Rising Star Awards; Miller Graduate Scholarship in Geophysics and Physical Oceanography

Benjamin King, Marine Biology – Dr. Joe Brown Graduate Research Award in Aquatic Ecology and Aquaculture

Michael King, Earth Sciences – Elizabeth Mounter Scholarship in Earth Sciences

Dalshini Kirupananthan, Biochemistry – The Barrowman Biochemistry Graduate Travel Awards

Hannah Kosick, Geography – NSERC Canada Graduate Scholarship – Master's; TD Graduate Bursary for Environmental Study

Jillian Kusch, Biology – School of Graduate Studies F.A. Aldrich Fellowship

Gabrielle Ledesma, Earth Sciences – R.F. Blackwood Memorial Award in Geoscience

Rachel Lee, Psychology – The William H and Bertha Baird Memorial Scholarship

Xiaolei Li, Chemistry – NSERC Post Graduate Scholarship

Drew MacPherson, Psychology – CIHR Canada Graduate Scholarship – Master's

Emily Marriott, Psychology – SSHRC Canada Graduate Scholarship – Master's

Rachel Moran, Biology – NSERC Canada Graduate Scholarship – Master's

Na Thi Ty Ngo, Biochemistry – The Barrowman Biochemistry Graduate Travel Awards, the CIFST ST Graduate Student Award in Food Science

Lanh Van Nguyen, Biochemistry – The CIFST ST Graduate Student Award in Food Science

Innocent Okagu, Biochemistry – Janet Murphy Goodridge Legacy Award

Hayley Paquette, Biology – NSERC Postgraduate Scholarship

Mackenzie Patrick, Earth Sciences, Buchans Scholarship Fund of ASARCO Incorporated

Han Peng, Biochemistry – The Barrowman Biochemistry Graduate Travel Awards; The CIFST ST Graduate Student Award in Food Science; the R.L. Jacobs Graduate Research Award in Biochemistry

Natalie Perrin, Marine Biology – NSERC Canada Graduate Scholarship – Master's

Noah Pevie, Psychology – SSHRC Canada Graduate Scholarship – Master's

Megan Power, Geography – NSERC Canada Graduate Scholarship – Master's; The Dr. Joyce C. Macpherson Graduate Research Award in Physical Geography

Kira Randall, Marine Biology – The Commander Peter G. Chance Scholarship

Jaimie Reynolds, Psychology – SSHRC Canada Graduate Scholarship – Master's

Cerridwen Richards, Marine Biology – Dr. Allan R. Stein Graduate Scholarship in Science; Royal Bank Fellowship in Marine Studies; TD Graduate Bursary for Environmental Study; the Dr. Cater W. and Martha Andrews Memorial Graduate Scholarship in Biology

Alec Robitaille, Biology – NSERC Canada Graduate Scholarship – Doctoral

Saman Salari, Biochemistry – The L.M. Stead Oral Competition Award

Sarusha Santhiravel, Biochemistry – The CIFST ST Graduate Student Award in Food Science

Santiago Alberto Serna Ortiz, Earth Sciences, Chevron Canada Limited Rising Star Awards

Alana Short, Psychology – Newfoundland Growlers Varsity Award

Allyson Summers, Chemistry – The Dean's Building a Healthy Tomorrow Award

Jillian Taylor, CABE – NSERC Canada Graduate Scholarship – Master's

Corrie Vincent, Biology – NSERC Canada Graduate Scholarship – Master's

Emmerson Wilson, Biology – NSERC Canada Graduate Scholarship – Master's

SCHOOL OF GRADUATE STUDIES AWARDS 2022-2023

Dr. Liqin Chen Scholarship in Chemistry

Jasmeen Akther
Ahmed Ali
Salman Bagherzadeh
Bahareh Bastan
Rodney Blanchard
Liam Britt
Brian Espinosa Acosta
Dylan Gegax
Etienne Guinand Castillo
Nikita Harvey
Tarandeep Kaur
Xiaolei Li
Amber MacNeil
Grace Mercer
Reza Moshrefi
Shaikh Sharif Nawaz
Leila Nazari
Sophia Parent
Amanda Parsons
Omid Quanati
Bahareh Rahbar
Fatemeh Salami Bagbaghlo
Ian Tompkins

Dr. Liqin Chen Thesis Writing Scholarship in Chemistry

Roshanak Amiri
Ramin Eradeh
Maryam Faghih Abdollahi
Mason Lawrence
Csongor Matyas
Ryan Warren
Craig Weir
Monther Zreid

Fellow of the School of Graduate Studies

Javad Aghadavood Marnani, Mathematics and Statistics
Mohammed Imran Ali, Computer Science
Diala Alqdeimat, Chemistry
David Barnes, Biochemistry
Arnab Barua, Computer Science
Laura Dawson, Psychology
Maryam Faghih Abdollahi, Chemistry
Abdalaziz Hamdan, Mathematics and Statistics
Elham Karimi, Computer Science
Joanie Kennah, CABE
Michael King, Earth Sciences
Dalshini Kirupananthan, Biochemistry
Prudvhi Kommareddi, Computer Science
Serhii Koval, Mathematics and Statistics
Sarika Kumari, Biochemistry
Christopher Lively, Psychology
Levi Newediuk, Biology
Erin Pearson, Geography
Laura Piccirillo, Environmental Science
Christina Prokopenko, Biology
Aria Sardari Loudaricheh, Computer Science
Emile Vadboncoeur, Sustainable Aquaculture
Carissa Wasyliv, Geography
Xi Xue, Marine Biology
Tareq Zaman, Scientific Computing
Jingjing Zheng, Computer Science
Catalina Alexandra Zvezdin, Biology

CONVOCATION AWARDS

University Medals for Academic Excellence
Joshua Critch – Behavioural Neuroscience
Alexander Folkins – Biochemistry
Inés Salat Margarit – Biochemistry (Nutrition)
Jenna Manuel – Biology
Katherine Steeves – Chemistry
Andrew Harris – Computer Science
Mary Whelan – Earth Sciences
Truman Osmond – Geography
Wasiim Kausmally – Applied Mathematics
Michael Burke – Physics and Physical Oceanography
Tori Burt – Psychology

Stephanie Blandford, Psychology (staff) – Governor General's Academic Medal (Gold, Graduate)

Michael Burke, Physics and Physical Oceanography – Captain Robert A. Bartlett Science Award

Émile Vadboncoeur, Sustainable Aquaculture – University Medal for Excellence in a Thesis Based Master's Program

Jenna Lee Ralph, Chemistry – Reginald H. Brown Q.C. Memorial Scholarship

Caroline Keats, Biochemistry – Grace Morgan Prize in Biochemistry (Nutrition)

Mary Whelan, Earth Sciences – Professional Engineers and Geoscientists Newfoundland and Labrador Award for Excellence in Geoscience

Katherine Steeves, Chemistry – Society of Chemical Industry Merit Award (Chemistry)

Jude Power, Biochemistry – Society of Chemical Industry Merit Award (Biochemistry)

Laura Piccirillo, Environmental Science – Moire A. Wadleigh Graduate Award for Excellence in Environmental Science – Master of Environmental Science

Lynsay Anne Spafford, Environmental Science – Moire A. Wadleigh Graduate Award for Excellence in Environmental Science – Doctor of Philosophy

STUDENT NEWS (CONT'D)

Jed Whitridge, Psychology, received the Pro-Vice Chancellor's Prize

Katherine-Ann Piedalue, PsyD, won the Canadian Association of Psychosocial Oncology 2023 Bultz Best Poster Award

Cerren Richards, Marine Biology, has received the Kay and Peter McGeer Scholarship for Northern Research from the Association of Canadian Universities for Northern Studies.

Maddie Baldwin, Psychology, has received the Council of Canadian Departments Psychology Teaching Assistant Award.

Rachel Lee and Rachel Howells, Psychology, won best poster presentation at the Health Psychology and Behavioural Medicine section of the Canadian Psychological Association.

PUBLICATIONS

Biology

Trophic rewilding can expand natural climate solutions, *Nature Climate Change*, co-authored by Dr. Shawn Leroux

Low levels of genetic differentiation and structure in red fox populations in Eastern Canada and implications for Arctic fox rabies propagation potential, *Public Library of Science (PLOS) ONE* co-authored by Thaneah Alanazi and Dr. Dawn Marshall

Testing species relationships and delimitation in the Amazonian hyperdominant *Astrocaryum* section *Huicungo* (Arecaceae) using chloroplast data from genome skimming, *Taxon*, co-authored by Dr. Julissa Roncal

Multiple mitogenomes indicate Things Fall Apart with Out of Africa or Asia hypotheses for the phylogeographic evolution of Honey Bees (*Apis mellifera*), *Nature Scientific Reports*, authored by Dr. Steven Carr

Computer Science

Swarm Control for Distributed Construction: A Computational Complexity Perspective, *ACM Transactions on Human-Robot Interaction*, co-authored by Drs. Todd Wareham and Andrew Vardy

A Computational Complexity Perspective on Segmentation as a Cognitive Subcomputation, *Topics in Cognitive Science*, co-authored by Dr. Todd Wareham

Earth Sciences

Structural configuration and tectonics of the Flemish Cap, offshore Newfoundland, from newly acquired seismic reflection data, *Journal of the Geological Society of London*, co-authored by Pei Yang and Dr. J. Kim Welford

Detrital zircon U-Pb and Hf isotope signature of Carboniferous and older strata of the Yukon-Tanana terrane in Yukon, Canadian Cordillera: Implications for terrane correlations and the onset of Late Devonian arc magmatism, *Geosphere*, co-authored by Dr. Stephen Piercey

Evolution of the hydrothermal system associated with the ABM replacement-style volcanogenic massive sulfide (VMS) deposit, Finlayson Lake district, Yukon Canada, *Economic Geology*, co-authored by Nikola Denisová and Dr. Stephen Piercey

Mathematics and Statistics

Potentials and partial differential equations, co-edited by Dr. Jie Xiao

Psychology

Relational bullying and disordered eating: Testing a moderated mediation model of the role of shame and self-compassion, *Frontiers in Psychology*, co-authored by Lindsay Bellows, Laura Couturier, Leigh Dunn and Dr. Jacqueline Carter

Antibiotic-induced socio-sexual behavioural deficits are reversed via cecal microbiota transplantation but not androgen treatment, *Brain, Behavior & Immunity - Health*, co-authored by Stephanie Salia, Yellow Martin, Francine Burke, Leah Myles, Lauren Jackman and Drs. Francis Bambico and Ashlyn Swift-Gallant

An Investigation of Social Status among Adolescents and Young Adults Who Have Been Diagnosed with Cancer in Canada, *Cancers*, co-authored by Joshua Tulk and Dr. Sheila Garland

Views on and experiences with medicinal cannabis among Canadian Veterans who live with pain: A qualitative study, *Canadian Journal of Pain*, co-authored by David Storey, Natalie Keeler-Villa and Drs. Nick Harris and Joshua Rash

A vignette study of mental health literacy for binge-eating disorder in a self-selected community sample, *Journal of Eating Disorders*, co-authored by Kayla Hollett, Jenna Pennell and Dr. Jacqueline Carter

Interdisciplinary and Multi-departmental
Contrasting benthic ecological functions in deep-sea canyon and non-canyon habitats: Macrofaunal diversity and nutrient cycling, *Deep Sea Research Part I: Oceanographic Research Papers*, co-authored by Alessia Ciralo, Ocean Sciences, and Dr. Paul Snelgrove, Ocean Sciences and Biology

Habitat heterogeneity effects on microbial communities of the Gulf of Maine, *Deep Sea Research Part I: Oceanographic Research Papers*, co-authored by Alessia Ciralo, Ocean Sciences and Dr. Paul Snelgrove, Ocean Sciences and Biology

A short pre-conception bout of predation risk affects both children and grandchildren, *Scientific Reports*, co-authored by Philip MacCallum, Andrea McGrath-Janes, Brianna King, Laura Dawson, and Drs. Francis Bambico, Gerard Martin and Jacqueline Blundell, Psychology; and Mrunal Dayma and Dr. Mark Berry, Biochemistry

Social Media Reports Inform the Spatio-temporal Distribution of Leach's Storm-Petrel Strandings Across the Island of Newfoundland, *Northeastern Naturalist*, co-authored by Tori Burt and Sydney Collins, Cognitive and Behavioural Ecology; and Dr. William Montevecchi, Psychology

ManyDogs I: A multi-lab replication study of dogs' pointing comprehension, *PsyArXiv*, Harley Alway and Dr. Carolyn Walsh, Psychology; and Sarita Pellow, Cognitive and Behavioural Ecology



Dr. Craig Purchase, Biology, at the Royal Ontario Museum with the heart of the blue whale whose skeleton is currently on display in the Core Science Facility.

PHOTO GALLERY



MUCEP student **Matthew Grover** checks out a beehive with apiarist, Phillip Cairns.



Graduate and undergraduate Chemistry students presented their research at the 2023 ScienceAtlantic ChemCon



Stephanie Blandford, academic program manager, Psychology, was awarded the Governor General's Gold Medal.



Undergraduate researchers in Psychology attended the 46th annual Science Atlantic Conference at Mount St. Vincent University.



Staff and faculty from the departments of Biology and Ocean Sciences welcomed over 90 recent Bachelor of Science graduates and their families back to campus for convocation.



The Memorial student contingent at the 2023 Canadian Society of Microbiologists in Halifax.



The Department of Biology's 2023 Science Rendezvous team.



The Department of Ocean Sciences took part in Science on the Street at the Pedestrian Mall, St. John's.



The FOSTER Science Outreach Program hosted 430 high school students and teachers in our Biology, Biochemistry and Chemistry labs in May and June. Here students investigate a wildlife disease outbreak.



The Department of Chemistry hosted Dr. Kenichiro Itami, Nagoya University, Japan as the 2023 Job Lecturer.