

Fall 2023 Leadership Meetings

Friday, November 24 and Saturday, November 25, 2023

Hosted by Université de Moncton



UNIVERSITÉ DE MONCTON
EDMUNDSTON MONCTON SHIPPAGAN

All meetings held in the Rémi-Rossignol Pavilion
60 Notre-Dame-du-Sacré-Coeur Street, Moncton, NB

Schedule of Events

(Atlantic Standard Time)

Friday, November 24

3:30-4:00 pm	Registration	R113
4:00-4:30 pm	Reception	B115
4:30-6:00 pm	Annual Members Meeting	B115
6:00-7:30 pm	Dinner and Speakers	B115
7:30-9:00 pm	Institutional Representatives and Division Chair Meetings	B115/B103
9:00pm	Social Event	Monk10 Taproom



**Saturday,
November 25**

8:30-9:00 am	Coffee, Tea, and Pastries	B115
9:00-10:15 am	Joint IRs and Chairs Meeting	B115
10:15-10:45 am	Health Break	B115
10:45-11:45 am	Speaker	B115
11:45-1:30 pm	Lunch and Speaker	B115
1:30-1:45 pm	Closing	B115
2:00-3:00 pm	Board Meeting	B115

Our Mission

To grow and connect the post-secondary science communities in Atlantic Canada.

Our Values

Inclusiveness

We embrace the values of Equity, Diversity, Inclusion, and Accessibility.

Leadership

We are a voice and a resource for science in Atlantic Canada's post-secondary communities.

Responsiveness

We provide timely decisions and actions to advance our organization and support our members.

Community

We provide a warm and welcoming environment.

Sustainability

We support our communities into the future through responsible and sustainable resource allocation in our organization and activities.

Our Vision

Science Atlantic is a committed, member-driven organization that builds collaboration and partnerships to strengthen post-secondary science communities across the Atlantic region.

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List of Participants

Joe Apaloo (StFX)	Institutional Rep
Pandurang Ashrit (UdeM)	Institutional Rep
Angie Birt (MSVU)	Chair, Psychology; IR Proxy
Glen Briand (MtA)	Rep, Chemistry
Andrea Burgess (UNB-SJ)	Board Director
Malcolm Butler (SMU)	Board Nominee, Chair Elect
Cezar Câmpeanu (UPEI)	Chair, Computer Science
Darien DeWolf (StFX)	Chair, Math and Stats
Eric Hervet (UdeM)	Rep, Computer Science
Nola Etkin (UPEI)	Institutional Rep
Stephen Finbow (StFX)	Board Director
Travis Fridgen (MUN)	Board Director; IR proxy
Vincent Henault-Brunet (SMU)	Chair, Physics and Astronomy
Alain Joseph (NSCC)	Institutional Rep
Simon Lamarre (UdeM)	Rep, Applied Aquatic Sciences
Charles Macdonald (Dal)	Institutional Rep, Board Chair
Ken Oakes (CBU)	IR Proxy
Alain Patoine (UdeM)	Rep, Environment
Rob Raeside (Acadia)	Institutional Rep
Mel Schriver (Crandall)	IR Proxy
Steven Smith (SMU)	Treasurer
Stevan Springer (UPEI)	Chair, Biology
Jennifer Taylor (UPEI)	Chair, Nutrition and Foods
Sandra Thomson (STU)	IR Proxy
Jennifer Tomes (MtA)	Institutional Rep
Michael van Zyll de Jong (UNB-SJ)	Institutional Rep
Sam Veres (SMU)	Institutional Rep
Lois Whitehead (SA)	Executive Director
Cindy Smith (SA)	Membership Support Coordinator
Jessica Trigo (SA)	Web Developer

2023 Annual Members Meeting Agenda

November 24, 2023, 4:30 pm to 6:00 pm AST

1. Welcome and Land Acknowledgement
2. Call to Order and Establishment of Quorum
3. Approval of the Agenda (vote)
4. Approval of the Annual Members Meeting Minutes, November 18, 2022 (vote)
5. Opening Remarks from the Chair of the Board of Directors
6. Report from the Executive Director
7. Strategic Planning Report
8. Acceptance of 2023 Division Committee Reports
9. Financial Report
 - i) Presentation of the 2022-2023 Financial Statement (vote)
 - ii) Appointment of Financial Reviewer for 2024 (vote)
 - iii) Presentation of 2023-2024 Budget
10. Governance Report
 - i) By-laws Revisions (vote)
 - ii) Election of 2023-24 Board of Directors (vote)
11. Other Business
 - i) Host for 2024 Annual Meeting
12. Adjournment

List of Motions

Item 3.

Moved that the agenda be approved as (circulated/amended).

Item 4.

Moved that the minutes of the November 18, 2022, Annual Members Meeting be approved as (circulated/amended).

Item 9. i)

Moved that the financial statements for the fiscal year ending August 31, 2023, be accepted as presented.

Item 9. ii)

Moved that Grant Thornton be retained as the financial reviewer for 2023-2024.

Item 10. i)

Be it resolved that the Science Atlantic proposed by-law revisions in the file *Science Atlantic proposed by-laws (final draft Oct 3, 2023).pdf* be approved as circulated.

Note: The following page includes optional alternative motions should the voters wish this omnibus motion be broken into components.

Item 10. ii)

Moved that the slate of Board Directors for 2023-2024 be approved as presented.

Optional: **Moved** that _____ be accepted for the position of _____.

Notes:

- *A call for nominations from the floor will be made at the meeting.*
- *Currently, there is only one nominee per position. At the meeting, the motion may be split into more specific motions if there are any additional nominees.*
- *If you are voting by proxy and do not wish to vote for any individual nominees, please let your proxy know.*

Item 12.

Moved that the meeting be adjourned at (time).

Possible Alternative Motions for the Proposed By-laws Revisions (Agenda Item 10.i)

If any Institutional Representative wishes to discuss one or more sections or articles before voting, approval can be given in multiple motions, using the following template instead of the omnibus motion on the previous page.

Be it resolved that the Science Atlantic proposed by-laws revisions in the file *Science Atlantic proposed by-laws (final draft Oct 3, 2023).pdf* be approved as circulated with the exception of [Article/Section] _____.

With a follow up motion for the exempted section:

Be it resolved that [Article/Section _____] of the [by-laws](#) be [modified/added/deleted] as follows: _____
_____.

Sample follow-up motions, based on the four sections of the explanatory letter, file title *2023 10 25 Notice of proposed SA By-laws revisions (letter)*, are listed below:

1. **Be it resolved that** the makeup and number of Board Directors (section 11.02 of the file *Science Atlantic proposed by-laws (final draft Oct 3, 2023).pdf*) be modified to include a third seat for an additional Director-at-Large from the broader community and a seat for a student representative.
2. **Be it resolved that** changes and deletions to the by-laws required to meet legal and fiduciary requirements be approved as circulated in the file *Science Atlantic proposed by-laws (final draft Oct 3, 2023).pdf*.
3. **Be it resolved that** updates and additions to the by-laws related to the federal [Not-for Profit Corporations Act](#) and sections that are commonly recognized to support good governance practices be approved as circulated in the file *Science Atlantic proposed by-laws (final draft Oct 3, 2023).pdf*.
4. **Be it resolved that** copyediting and numbering modifications, additions, and deletions to the by-laws that do not change meaning be approved as circulated in the file *Science Atlantic proposed by-laws (final draft Oct 3, 2023).pdf*.

Note: Other motions may be made from the floor.

2022 Annual Members Meeting Minutes

Hosted by Dalhousie University
Friday, November 18, 2022 5:15 PM AST

Minutes (Draft)

1. **Welcome and Land Acknowledgement**

Charles Macdonald (Dal), host and Chair Elect, presented a land acknowledgement.

2. **Call to Order and Establishment of Quorum**

The Board Chair, Robert van den Hoogen (StFX), confirmed that a quorum was met.

3. **Approval of the Agenda**

Moved (Gary Saunders, UNB-F/Charles Macdonald, Dal) that the agenda be approved as circulated. **Carried.**

4. **Approval of the Annual Members Meeting Minutes, November 25, 2021**

Moved (Joe Apaloo, StFX/Rick Pierrynowski, CBU) that the minutes of the 2021 Annual Members Meeting be approved as circulated. **Carried.**

5. **Opening Remarks from the Chair of the Board of Directors**

Robert van den Hoogen provided opening remarks.

6. **Report from the Executive Director**

Lois Whitehead, Executive Director, provided a verbal summary of her circulated report.

7. **Strategic Planning Report**

Robert van den Hoogen presented a summary of the results of the activities undertaken to support the 2018-2022 strategic plan and the new 2023-2028 plan.

8. **Acceptance of 2022 Division Committee Reports**

The Division reports were accepted as circulated.

9. Financial Report

i. Presentation of the Financial Statement for Period Ended August 31, 2022

Lois Whitehead presented Grant Thornton's August 31, 2022, financial statement on behalf of Treasurer David Gray (Dal-Ag) who was unable to attend due to illness.

Moved (Rick Pierrynowski, CBU/Gary Saunders, UNB-F) that the financial statement for the fiscal period ending August 31, 2022, be accepted as presented. **Carried.**

ii. Appointment of Financial Reviewer for 2023

Moved (Charles Macdonald, Dal/Travis Fridgen, MUN) that Grant Thornton be retained as the financial reviewer for 2022-2023. **Carried.**

iii. Presentation of 2022-2023 Budget

Lois Whitehead presented the 2022-2023 budget, noting that it had been previously discussed and approved by the Board of Directors.

10. Governance Report

i. Election of 2022-2023 Board of Directors

Moved (Robert van den Hoogen, StFX/Joe Apaloo, StFX) that the slate of Board Directors for 2022-2023 be approved as presented. **Carried.**

Action: Further nominations for the vacant positions will be accepted as received.

Moved (Travis Fridgen, MUN/Joe Apaloo, StFX) that the Board be empowered to appoint up to two Directors to fill vacancies. **Carried.**

11. Other Business

i. Host for 2023 Annual Meeting

Meeting hosts were identified as follows:

- 2023: Dal Ag
- 2024: Memorial
- 2025: UdeMoncton

12. Adjournment of Business Meeting

There being no other business, the meeting was adjourned at 6:20 pm AST.

Report of the Chair of the Board of Directors

As Science Atlantic begins its seventh decade, there is a greater need than ever for science to help address many of the big problems that we face in Atlantic Canada and in the world more widely. Insightful, high-quality scientific research may give us insight into the cause of problems or potential solutions but the impact of research can only be maximized if it is communicated effectively and disseminated widely.

Science Atlantic has worked effectively for more than 60 years to provide valuable opportunities for undergraduate scientists to gain valuable experience in presenting their research to external audiences often for the first time. Even after almost 30 years, I still remember the excitement and nerves of my first conference presentation at a ChemCon conference and the sense of accomplishment it gave me.

Science Atlantic also provides excellent resources and venues for the faculty, staff, and students at our member institutions to improve the education and experiences for the next generation of scientists. In order to ensure that science provides solutions for all people, we need to make sure that science is accessible to – and done by – individuals with diverse backgrounds and perspectives. Science Atlantic is striving to be a resource for the improvement of EDIA in our scientific training and communities.

I truly appreciate the tremendous efforts of the staff and volunteers that made Science Atlantic the successful organization that it is! I encourage each of you to tell others about the positive impact Science Atlantic has had on you and to get others to become involved.

Charles Macdonald
Chair, Science Atlantic
Dean of Science, Dalhousie University

2023-2024 Budget and 2023 Actuals

[Grant Thornton Financial Review for the Year ending August 31, 2023](#)

	2023-24 Approved Budget	2022-23 Actuals	2022-23 Approved Budget
INCOME			
Membership Fees	182,475	177,125	176,040
Employment Grants	9,500	77,929	13,260
Conference Income	-	1,714	-
Strategic Projects (surplus from 2022-23)	10,500	-	-
Corporate Sponsorships (incl. Awards)	200	200	10,100
Donations	4,500	4,900	4,500
Investment Income	5,000	6,897	1,800
Miscellaneous Income	-	42	-
TOTAL INCOME	212,175	268,807	\$205,700
EXPENSES			
Division Programs	4,400	2,422	3,400
Insurance	800	764	800
Office and Web	8,050	7,705	10,150
Professional Fees	15,000	17,727	15,000
Student Awards	6,400	6,525	5,900
Travel and Meetings	2,500	1,550	2,500
Volunteer Recognition	1,000	0	1,000
60th Anniversary	-	0	1,000
Strategic Projects	3,000	0	5,000
Wages and Benefits	171,688	209,796	161,000
TOTAL EXPENSE	212,838	246,489	\$205,750
NET INCOME/LOSS	-663	22,318	-\$50

2023 Slate of Board Nominees

* Names in **bold** are nominated or reoffering Directors

[Biographies of nominees](#)

Executive

- Continuing: Chair: Charles Macdonald (Dal) (to Nov. 2024)
- **Nominated: Chair Elect: Malcolm Butler** (SMU) (to Nov. 2024)
- Past Chair: N/A
- **Nominated: Treasurer: Steve Smith** (SMU) (to Nov. 2025)

Directors-at-Large, Institutional Representatives (two position available)

- Continuing: Travis Fridgen (Memorial) (to Nov. 2024)
- **Reoffering:** Alain Joseph (NSCC) (to Nov. 2025)
- **Nominated: Jennifer Tomes** (MtA) (to Nov. 2025)

Directors-at-Large, Division Committee Chairs (two positions available)

- Continuing: Andrea Burgess (UNB-SJ); Chair of Division Chairs; SA Past Chair, Math & Stats Division (to Nov. 2024)
- **Nominated: Angie Birt** (MSVU); SA Chair, Psychology (to Nov. 2025)
- Vacancy

Directors-at-Large, Community (two positions available)

- **Nominated: Isaac Cook**, MindFrame Connect (to Nov. 2025)
- **Nominated: Nick Nickerson**, EOSense (to Nov. 2025)

Note:

If the proposed by-laws are approved, additional positions will be available:

- Director-at-Large, Community
- Director-at-Large, Student Representative

2023-2028 Strategic Plan

Year 1 Summary

Strategic Priority Area 1: Capacity Building

Strengthening our organizational foundation enables us to enhance our community network, programs, and services.

a. Increase Stable Funding

Possible activities: multi-year budgeting; diversifying income sources; developing investment and fundraising policies; fundraising and soliciting sponsorships

Year 1 Achievements: developed investment policy; completed major funding application for federal recovery program (submitted but unsuccessful)

b. Support Sustainable Leadership

Possible activities: establishing sustainable staffing levels; providing Board and member development opportunities, supporting Division Chairs

Year 1 Achievements: Moved Executive Director position to full time; 360 evaluation of Executive Director (in progress); host virtual Division Chairs meetings (ongoing); developed weekly conference organizer drop-in for assistance with planning events (ongoing)

c. Bolster Policies and Processes

Possible activities: updating by-laws; reviewing current policies

Year 1 Achievement: completed comprehensive revision of by-laws (for member approval Nov. 24, 2023)

d. Embody Equity, Diversity, Inclusion, and Accessibility (EDIA)

Possible activities: developing policies for conferences and speakers; reviewing the organization's activities through an EDIA lens

Year 1 Achievements: Added commitment to accommodations to letter of offer for all employees; hosted BIPOC Mentorship online presentation

e. Apply Social Responsibility Principles

Possible activities: developing policies reflecting sound environmental, ethical, social, and economic decision-making; developing guidelines for conference organizers

Year 1 Achievements: Establish SR Committee; develop scope of work

Strategic Priority Area 2: Connecting Our Communities

Facilitating connections strengthens the diverse post-secondary science communities in Atlantic Canada.

a. Diversify and Increase Membership

Possible activities: recruiting new members (both institutions and individuals)

Year 1 Achievement: Research our audiences and develop value propositions for each (in progress)

b. Increase Member Engagement

Possible activities: enhance current and develop new activities for faculty and IRs; implement member recognition activities

Year 1 Achievements: Hosted three Science Atlantic Sessions for All attended by several faculty not involved in SA; recognize emeritus members (ongoing)

c. Use our Collective Voice

Possible activities: communicating on important issues; sharing knowledge across institutions

Year 1 Achievement: Established History Project to digitize and review APICS documents 1962-2000 (ongoing)

Session Agendas

Institutional Representatives Meeting Agenda

DATE	November 24, 2023, 7:30-9 pm AST
LOCATION	Rémi-Rossignol Pavilion, Room B103
STRATEGIC PLAN	https://sciatl.org/2023-28StratPlan

Participants: Joe Apaloo (StFX), Pandurang Ashrit (UdeM), Nola Etkin (UPEI), Travis Fridgen (MUN), Alain Joseph (NSCC), Charles Macdonald (Dal), Rob Raeside (Acadia), Mel Schriver (Crandall), Sandra Thomson (STU), Jennifer Tomes (MtA), Michael van Zyll de Jong (UNB-SJ), Sam Veres (SMU)

TOPICS

1. What is our purpose as SA Institutional Reps?
2. Creating an MOU between Member Institutions and Science Atlantic
3. SA as a Community of Practice for Deans/IRs
4. Open Discussion: Challenges and Successes
5. Other?

Division Chairs Meeting Agenda

DATE	November 24, 2023, 7:30-9 pm AST
LOCATION	Rémi-Rossignol Pavilion, Room B115
ROOM LINK	https://sciatl.org/AMMmeetingroom
CHAIRS' JOB DESCRIPTION	https://scienceatlantic.ca/division-committee-chair-job-description-2022
STRATEGIC PLAN	https://sciatl.org/2023-28StratPlan

Participants: Andrea Burgess (Chair), Angie Birt (Psychology), Glen Briand (Chemistry), Cezar Câmpeanu (Computer Science), Darien DeWolf (Mathematics and Statistics), Vincent Henault-Brunet (Physics and Astronomy), Simon Lamarre (Applied Aquatic Sciences), Alain Patoine (Environment), Stevan Springer (Biology), Jennifer Taylor (Nutrition and Foods)

Guests: Lexie Arnott (Social Responsibility Committee), Andrew MacDougall (Social Responsibility Committee), Steve Smith (Board Treasurer)

Staff: Cindy Smith, Jessica Trigo, Lois Whitehead

TOPICS

1. Terms of Reference for Division Committees
2. Social Responsibility Action Committee
3. Use of Holding Accounts
4. Student Travel Costs
5. Other?

Joint Meeting of the Institutional Representatives and Division Chairs Agenda

DATE	November 25, 2023, 9:00-10:15 am AST
LOCATION	Rémi-Rossignol Pavilion, Room B115
ROOM LINK	https://sciatl.org/AMMmeetingroom

TOPICS

1. Show and Tell - Artifacts and Stories
2. Institutional Representatives Recap
3. Division Chairs Recap
4. Alcohol Policies at Science Atlantic Events
 - [Current Policy](#)
5. Discussion

Division Committee Reports

Committee of Division Committee Chairs

Chair: Andrea Burgess (UNB-SJ)

Committee Purpose: The Division Chairs Committee is intended to facilitate regular meetings of the group of Division Committee Chairs. This Committee acts as a venue for the Chairs to discuss common issues and potential interdisciplinary activities, and also provides a conduit between the Division Committee Chairs and the Board.

Since the last AMM, the group has met twice. The Executive Director participated in both meetings to provide the Chairs with an overview of the Division Holding Accounts, how speaker fees have been evaluated, and insight into established speaker tours.

Updates
<ul style="list-style-type: none"> ● Terms of Reference: for the Division Chairs group have been developed and were approved by the Board on August 16, 2023. ● Speaker Fee Policy: Chairs passed a motion on speaker fees for invited speakers: <ul style="list-style-type: none"> <i>Normally, speaker fees will not be paid from the Science Atlantic conference budget. If a speaker requests a fee, before accepting, organizers should consult with the Division Chair and Executive Director.</i> ● Speaker Tours: The group reviewed speaker tours (what they are, what funding is available, etc.). <ul style="list-style-type: none"> ○ Some Divisions are considering using excess Holding Account funds to host additional speaker tours
Next Steps
<ul style="list-style-type: none"> ● Communicate policy on speaker fees to Division committee members and conference organizers ● Share any updates regarding speaker tours

Applied Aquatic Sciences Division

Co-Chairs: Trevor Avery (Acadia) and Anne Dalziel (SMU)

New Division Name

On August 16, 2023, Anne Dalziel (Co-Chair) proposed a name change from Aquaculture & Fisheries to Applied Aquatic Sciences to the Board of Directors. The purpose of this change is to encourage the involvement of a more diverse group of scientists (e.g., oceanographers, who previously didn't have a Science Atlantic group) and provide more students an opportunity to share their research at the annual conference. The decision to change to Applied Aquatic Sciences was highly welcomed by the Board of Directors and accepted unanimously.

2022-23 AFB Conference March 3 to 5, 2023, with Biology
<ul style="list-style-type: none"> • A report on the March 2023 Aquaculture & Fisheries and Biology Conference hosted at UNB-SJ is included in the Biology report.
Upcoming BAAS Conference: March 9 and 10, 2024
<ul style="list-style-type: none"> • New name: BAAS (Biology and Applied Aquatic Sciences Conference) • Coordinators: Lois Murray and Nicanor Gonzalez (Biology and Medical Sciences; Dalhousie), Anne Dalziel (AAS; SMU)
Other Division Business
<ul style="list-style-type: none"> • Holding Account: to support student travel to conferences and give additional student awards. • Membership: <ul style="list-style-type: none"> ○ Anne Dalziel accepted the position of Co-Chair in 2023. ○ The Committee is recruiting members under its new, wider mandate.

Biology Division

Chair: Stevan Springer (UPEI)

The 2023 Aquaculture & Fisheries and Biology Conference was hosted March 3 to 5, 2023, by UNB-SJ, coordinated by Thierry Chopin and Kim Davies. The 2023 AFB Conference was the first in person AFB conference in three years. With 110 attendees, 60 undergraduate talks and 18 graduate talks, attendees were enthusiastic about meeting in person again. Faculty were enormously impressed with the quality and professionalism the student presenters portrayed.

Biology and AAS are working towards coordinating more closely and engaging both divisions during the yearly meeting. Both divisions noticed a need to recruit representatives from various institutions, and will work towards a full representation over the year.

2023 AFB Conference March 3 to 5, 2023
<ul style="list-style-type: none"> ● Organizers: Kim Davies (Biology) and Thierry Chopin (A&F) ● Attendance details: 110 Attendees; 60 undergraduate and 18 graduate talks ● Key issues/highlights: <ul style="list-style-type: none"> ○ Organizers felt that the responsibility for organizing talk judging should be taken on by a subcommittee ○ The mixer in downtown Saint John was well received ● Conference surplus: \$2,323.37; these funds should go to students somehow
2024 Conference, March 9 and 10, Dalhousie University
<ul style="list-style-type: none"> ● Organizers: Lois Murray (Biology, Dal Medical Sciences) and Nicanor Gonzales-Morales (Biology, Dal Faculty of Science), with support from Anne Dalziel (AAS, SMU) since the Dal AAS representative is new this year
Division Business
<ul style="list-style-type: none"> ● Special projects: Biology and AAS are attempting to coordinate more closely. <ul style="list-style-type: none"> ○ Members of both committees attended the fall meeting, Nov. 17 and 18, which has historically been attended by members of the Biology Committee only. ○ We are submitting this report in advance of our joint fall meeting. We will detail any committee projects in next year's report. ● Membership: Both committees need to recruit members from several schools.

Chemistry Division

Chair: Brian MacLean (StFX)

The 2023 Chemistry Conference was hosted by Dalhousie on May 25 to 27, 2023, coordinated by Roderick Chisholm and Jennifer MacDonald, with the theme “Diversity in Chemistry”.

<p>ChemCon 2023, “Diversity in Chemistry”, May 25 to 27, 2023</p> <ul style="list-style-type: none"> ● Host: Dalhousie University ● Faculty Coordinators: Roderick Chisholm, Jennifer MacDonald ● Attendance: approximately 170 participants* ● Keynote speakers: <ul style="list-style-type: none"> ○ Nola Etkin (UPEI): <i>From Student Leader and Equity Activist to Dean of Science: Advocating for EDI in the Chemical Sciences</i> ○ Alex Veinot (Western University): <i>A Decade of Discovery as a Mi'kmaw Chemist</i> <p>*Attendance, conference details, and final financial report have not been received as of Nov. 2023. The Dalhousie Dean of Science has been asked to follow up for this information.</p>
<p>ChemCon 2024, May 23 to 25, 2024</p> <ul style="list-style-type: none"> ● Host: Cape Breton University ● Theme: Journey through Chemistry ● Student organizers: Ava Graham, Brandon MacDonald ● Faculty advisors: Judy MacInnis and Adango Miyadonye
<p>Speaker Tour</p> <ul style="list-style-type: none"> ● Tour Coordinator: Glen Briand (Mount Allison) ● Cosponsor: Chemical Institute of Canada ● 2022-23 tour speakers and dates/locations: <ul style="list-style-type: none"> ○ Dr. Jenny Wong (MtA): <i>Aerosol chemistry and human health</i>, Nov. 3 CBU (virtual), Jan. 20 UNB-F, March 17 SMU, Apr. 27 MUN ○ Dr. Yang Qu (UNB-F): <i>The plasticity and reactivity of monoterpene indole alkaloids biosynthesis contribute to their chemodiversity in Madagascar's periwinkle</i>, Sept. 28 MtA, Sept. 29 MUN, Oct. 28 SMU (virtual), Nov. 18 UNB-F ● 2023-24 tour speakers: Dr. Christina Bottaro (MUN) and Dr. Erwan Bertin (StFX)
<p>Division Business</p> <ul style="list-style-type: none"> ● Holding Account: Balance unknown pending receipt of 2023 ChemCon financial report

Computer Science Division

Chair: Cezar Câmpeanu (UPEI)

The 2023 MSCS Conference was hosted by UPEI, supported by UPEI and AARMS. In addition to student presentations and keynote speakers, the programming competition held during the conference saw 22 teams (17 in person and five remote) compete. The contest provides an excellent opportunity to prepare our teams for the first round of the ICPC NENA competition.

MSCS 2023 Conference, Oct. 13 and 14
<ul style="list-style-type: none"> ● Host: UPEI ● Organizers: Cezar Câmpeanu (Chair), Shafiqul Islam, Michael McIssac, Gurjit Randhawa, Andrew Goudbout, Gordon McDonald, Chris Vessey ● Attendance: 158; 121 student attendees; 36 faculty registrations ● Presentations: 40 ● CS Competition Teams: 22 (54 competitors); 17 teams competed in person and five remotely at Memorial University ● Keynote speakers: <ul style="list-style-type: none"> ○ Dr. Kathleen Fraser (NRC, Ottawa), <i>Ethical AI: What does it mean, how can we do it, and why should we care?</i> ○ Dr. Franklin Mendivil (Acadia), <i>Sets of sums and sum of sets</i> ○ Dr. Joanna Mills Flemming (DAL), <i>Portholes into an Underwater World: Data and Models Unveil Secrets of the Sea</i>
Future Conferences
<ul style="list-style-type: none"> ● 2024: Acadia University ● 2025: CBU ● 2026: UNB-SJ
Division Business
<ul style="list-style-type: none"> ● During the annual joint committee meeting, representatives discussed preserving Science Atlantic’s legacy (award winners, talk titles, websites, etc.). The following motion was passed unanimously: <ul style="list-style-type: none"> <i>To preserve the digital legacy through archiving previous SA documentation and websites.</i> ● Chair: Cezar Câmpeanu offered to renew for a further two years ● Secretary: Liam Keliher completed his term and Milton King accepted the position

Earth Science

Chair: Deanne van Rooyen (Acadia)

The 2022 Atlantic Universities Geoscience Conference (AUGC) was hosted by Acadia on October 27 to 29, 2023, coordinated by Jessica Beckwith and Jesse Demaries-Smith. Three field trips and the annual CSEG Trivia Challenge Bowl were popular features.

2022 AUGC Conference October 27 to 29, 2022, Acadia University

- **Organizers:** Co-chairs Jessica Beckwith, Jesse Demaries-Smith (4th year students); faculty assistance: Drs. Mo Snyder, Sandra Barr, Deanne van Rooyen
- **Attendance:** 75 undergraduates, four graduate students, 26 professionals
- **Field trips:** Approximately 75 students participated in one of three field trips:
 - A geological tour of the Wolfville area, led by Sandra Barr and MSc student Amanda Smith
 - An introduction to the sedimentary, structural, and metamorphic geology in the Mahone Bay area, led by John Waldron and Deanne van Rooyen
 - An examination of surficial features and geohazards around the Annapolis Valley area, led by Mo Snyder and Aaron Taylor
- **CSEG Trivia Challenge Bowl** was held Friday night at the Wolfville Lions Club
- **Student presentations:** nine posters and 17 talks
 - Judges: Mike Power (Mercator and APGNS rep), Andy Williams (Convex Rolling Energy, CSEG rep), Mick O'Neill (NSDNRR), Kevin Neyedley (PDAC rep, NSDRR), Dave Keighley (UNB), and Donnelly Archibald (St. FX)
- **Speakers:**
 - Carla Skinner, *IDEA for early career*
 - John Waldron and Sydney Lancaster, *Art and Geology*
- **Key issues/highlights**
 - Finances were a challenge to run through the university accounts system. Atlantic Geoscience Society kindly helped out with receiving registration funds through Stripe and collecting some sponsorship money; without that it would have been even harder.

2023 AUGC Memorial University, October 19 to 21, 2023

- **Host:** Memorial University
- **Organizers:** Co-chairs Maria Catherine O'Neill, Joshua Vincent Young; faculty assistance: Dr. Penny Morrill, Maria O'Neill
- The conference will be reported in next year's annual report

Speaker Tour

- **Tour Coordinator:** Deanne van Rooyen (Acadia)
- **Co-sponsor:** Atlantic Geoscience Society
- **2022-23 tour summary**
 - Shawna White (SMU) visited MUN, St. FX, Dalhousie, and spoke on *The Role of Structural Inheritance within the Northern Appalachians*
 - Stephen Edwards (NSCC CoGS) visited SMU, UNB, Acadia, and spoke on *Geospatial Technologies and the Archaeology of the Near East: Reflections, Challenges, Future Directions*
- **2023-24 available details:**
 - Sian Kou-Giesbrecht (from Dalhousie) will visit MUN, SMU, St. FX to give a talk about carbon and nitrogen cycling in ancient and modern environments
 - Ted Matheson (from CBU) will visit Dalhousie, Acadia, UNB to give a talk about paleoclimatic and paleoenvironmental reconstruction using oxygen isotopes

Activities and Projects

- **Special projects:** Proposing student meet-up and early career talk/workshop at AGS 2024 in Moncton (February 2024)
- **Committee meeting highlights:** Meetings were held at AUGC 2022, and Atlantic Geoscience Society Colloquium in February 2023.
- **Holding Account:** All funds left from AUGC 2022 were sent to MUN for AUGC 2023

Environment

Chair: Andrew MacDougall (StFX)

The 2023 SAEC was hosted virtually by Christine Campbell. Thanks are extended to Christine and Grenfell Campus for pulling the event together on short notice.

2023 Science Atlantic Environment Conference (SAEC), March 25 (virtual)
<ul style="list-style-type: none"> ● Host: Grenfell (virtual) ● Organizer: Christine Campbell ● Attendance: 60 ● Keynote speaker: Russell Wyeth (StFX), <i>Foolish Goal or Foul-less Gold: Low Toxicity Antifouling in Marine Environments.</i>
2024 SAEC March 22, 2024
<ul style="list-style-type: none"> ● Host: UPEI ● Organizer: Carolyn Peach-Brown ● First in-person Environment Conference since 2019
Division Business

Mathematics and Statistics

Chair: Darien DeWolf (StFX)

A report on the 2023 MSCS conference is also included in the Computer Science report. The Mathematics Competition hosted 20 teams, with a total of 37 participants.

The Division is digitizing Blundon's problem solving book, with funding from the Blundon Fund.

2023 MSCS Conference: October 13-14, 2023
<ul style="list-style-type: none"> ● Host: UPEI ● Presentations: <ul style="list-style-type: none"> ○ Undergraduate: 94 undergraduate registrations and 23 undergraduate research presentations (eight in CS and 15 in Math & Stats) ○ Graduate: 25 graduate registrations and 17 graduate research presentations (three in CS and 14 in Math & Stats) ● Mathematics Competition: Twenty teams, including three one-student teams for a total of 37 student competitors ● Plenary lectures: <ul style="list-style-type: none"> ○ Sedgewick Lecture (CS), delivered by Dr. Kathleen Fraser (NRC, Ottawa), entitled Ethical AI: What does it mean, how can we do it, and why should we care? ○ Blundon Lecture (Math), delivered by Dr. Franklin Mendivil (Acadia University), entitled Sets of sums and sums of sets ○ Fields Lectures (Stats), delivered by Dr. Joanna Mills-Flemming (Dalhousie University), entitled, Portholes into an underwater world: data and models unveil secrets of the sea
2024 MSCS tentatively scheduled for October 18-19, 2024
<ul style="list-style-type: none"> ● Host: Acadia
Division Business
<ul style="list-style-type: none"> ● The Joint Math & Stats and CS Committees meeting was held on October 13, 2023: <ul style="list-style-type: none"> ○ Chair Darien DeWolf (Math & Stats, StFX) ○ Recording secretary Milton King (CS, StFX) ○ A motion was passed to “preserve the digital legacy through archiving previous Science Atlantic documentation and websites.” ● The Mathematics and Statistics Division Committee met on October 13, 2023:

- **Digitization of Blundon's problem-solving book** is ongoing and should be completed this year. The expenses of this project are to be taken from the Blundon Fund.
- **Potential Speaker Tour:** The committee discussed the planning of a speaker tour and will begin searching for potential speakers and host institutions. A well-received potential topic is "Accessibility of Mathematics".
- **Student Travel funding:**
 - A motion was passed:
Up to \$3k of the Math & Stats Division Holding Account be used for travel subsidies for MUN students to attend the 2023 MSCS conference in-person at UPEI. This includes up to four travel subsidies (two St. John's and two Grenfell) of up to \$500 each.
 - A motion was passed:
To acknowledge that there are students at both MUN campuses that are unable to attend due to financial reasons, and this is a unique issue compared to other Atlantic universities, move that up to six travel subsidies of up to \$500 each be issued to MUN students (normally four St. John's and two Grenfell) to attend the 2024 MSCS conference in-person, subject to funds available.

It is expected that these funds will come from conference income first, and then from the Holding Account.
- **Vice Chair:** Ian Beaton (Acadia) was acclaimed for a two-year term.

Nutrition and Foods

Chair: Jennifer Taylor (UPEI)

Conference

The 2023 Science Atlantic Nutrition and Foods Conference (SANFC) was hosted virtually by UPEI on April 28 and 29, 2023.

Acknowledgements

- Dr. Carole Tranchant and Mia Léger from Université de Moncton, who translated conference materials into French, and assisted with conference promotion to Francophone participants.
- Cindy Smith (*Communications and Member Engagement Assistant*) and Lois Whitehead (*ED*) were incredible supports for the planning team. When we came back from the strike, it was not clear if we would be able to have the conference at all. Their support and knowledge (and patience) made it possible for us to pivot online. Cindy also suggested and set up the virtual platform Gather, where participants could hang out, view posters, play games and have video chats with other attendees.

Recommendation: The weekly live online meetings with Lois were invaluable. It was useful to understand the context for policies, how other disciplines handle challenges, etc. In the future, I would try and ensure that student planners attended those with the co-chairs to increase their learning.

2022-23 Science Atlantic Nutrition & Foods Conference April 28, 29, 2023, UPEI (virtual)
<ul style="list-style-type: none"> • Host: UPEI (virtual) • Coordinators: Jennifer Taylor and student team, Sarah Finch • Attendance: 77 registrants; the last minute move to virtual increased registration significantly • The conference moved from an in-person event to online due to interruption in event planning caused by the UPEI faculty strike.
2024 SANFC, April 24 and 25, 2024
<ul style="list-style-type: none"> • Host: MUN (St. John's Campus) • Organizers: Shyam Mayengbam, Sukhinder Cheema (MUN, St John's); Karen Doody (MUN, Grenfell Campus) • Hybrid: Conference will be in person with online options • Challenge: Travel costs to St. John's, Newfoundland

Division Business

- **Potential new activities:** We are considering expanding activities, e.g. virtual speakers, curriculum sharing.
- **Challenge:** finding meeting times and member engagement
- **Holding Account:** The committee had approved three \$300 additional travel awards for 2023 but didn't use them since the conference was online. We plan to revisit the awards in light of high travel costs for 2024 and the additional surplus from the 2023 conference.

Physics and Astronomy

Chair: Vincent Henault-Brunet (SMU)

The 2023 AUPAC conference was hosted by SMU on February 3 to 5, 2023. With 108 attendees and successful fundraising, the 2023 AUPAC conference ended with a significant surplus to be used for special projects within the Division.

The discussion panel: under the broad theme of “The Future of Physics”, topics of discussion included the physics of climate change and the environment, new advancements, (future) careers in physics, physics and society, science communication and more. The panelists were all trained in physics, but had a wide range of experiences, career paths, and expertise, which made for interesting and complementary viewpoints. Such a panel is a natural place for students to discuss and ask questions about career paths and prospects.

2023 Atlantic Undergraduate Physics and Astronomy Conference (AUPAC), Feb. 3 to 5, 2023

- **Host:** SMU
- **Organizers:** student organizers Katherine Myer and Rebecca Hamel, with support from faculty liaison Vincent Henault-Brunet
- **Attendance:** 108; 75 undergraduates (27 giving talks, 48 observing), two graduate students, 11 faculty from Atlantic region, two sponsors attending, 10 recruiters from other schools attending grad fair, seven speakers and panelists
- **Keynote speakers:**
 - Dr. Manuella Vincter (Carlton), *Exploring the infinitesimal to the infinite with the ATLAS Experiment*

- Dr. Julie Hlavacek-Larrondo (Université de Montréal), *What is invisible, but can be seen? What seems unfathomable, but which we manage to uncover? What is infinitely small, but can impact the infinitely large?*
- Dr. Marcin Sawicki (SMU)
- Dr. P.T. Jayachandran (UNB), *Monitoring the Arctic Ionosphere-Research and Applications*
- Dr. Kevin Hewitt (Dal), *Social justice and my work as a physicist*
- **Panel:** *The Future of Physics*, Dr. Justine McMillan, Dr. Aldona Wiacek, Dr. Rob Thacker
- **Highlights:** the conference was overall a success.
 - Fundraising exceeded expectations and led to a significant surplus to be used for special projects
 - The AUPAC Cup: excellent participation, teams mixing students from different universities which was a great way for students to network and socialize, fun questions and challenges including plane building!
 - The discussion panel: under the broad theme of “The Future of Physics”, topics of discussion included the physics of climate change and the environment, new advancements, (future) careers in physics, physics and society, science communication and more
 - The quality of student talks: judges and other attending faculty commented on the overall high quality of presentations and research contributions, and on the professionalism of student presenters
- **Challenge:** Note for future years: The hotels considered to make a block room booking were all including an attrition clause in their proposed contract (with a significant penalty for rooms not booked beyond some small tolerance) and were not willing to waive that clause even after negotiation. Because of the attrition clause, SMU did not allow us to proceed with these contracts given the risk and liability. We were able to negotiate a discount on room bookings for AUPAC participants, but only on a first come first served basis without any guaranteed room number blocked. In the end this worked out because early February is not a busy period for tourists and there were lots of free rooms. If we had known, this is what we would have asked from the start rather than wasting time negotiating with the hotel and trying to find out what the university would allow.

Upcoming Conference: AUPAC 2024, Feb. 2 to 4, 2024

- **Host:** Mount Allison
- **Organizers:** student organizers: Maggie Kerr and Shannon Bowes; faculty advisor: David Hornidge

Speaker Tour

- Carl Adams has been the tour coordinator for the Atlantic portion of the Canadian Association of Physicists (CAP) tour for the past few years. He is on sabbatical this year so a new coordinator is needed.
- In 2023, the CAP Undergraduate Lectures were offered in a virtual format. Each talk was hosted by a CAP Member Department. One of these talks was virtually hosted by a department in Atlantic Canada (Mount Allison University on Jan 27, 2023; speaker Dr. Cliff Burgess). This is very modest compared to previous editions of the CAP Lecture Tour, and hopefully the tour can be reinvigorated in 2024.
- No details yet on 2024 CAP Lectures. The deadline for speaker nominations was Oct 16 2023.

Division Business

- AUPAC 2023 at SMU made a significant surplus, thanks to exceptional efforts from student organizers to secure sponsors and to some expenses being lower than budgeted (e.g., catering, and lower travel reimbursements for invited speakers).
- The use of this surplus from AUPAC 2023 for special projects within the Physics & Astronomy Division of Science Atlantic will be discussed at an upcoming committee meeting.
- A potential special project using these funds would be a dedicated one-off speaker tour with an expert who could speak to issues and initiatives related to EDIA in Physics & Astronomy.
- A fraction of the surplus could also be reserved for seed funding for student travel grants for AUPAC 2025, which is currently planned at MUN according to the AUPAC rotation.

Psychology

Chair: Angie Birt (MSVU)

The 2023 Psychology Conference was hosted May 3 and 4, 2023, by MSVU and coordinated by Angie Birt and Donna Thompson. The 2023 conference marked the first in-person conference since 2019. With 190 attendees, the 2023 Psychology Conference marked the largest conference in the Division's history. A total of 150 students attended the conference with students from Université Sainte-Anne and NSCC for the first time.

Given the large number of students participating in the conference, it was suggested that each institution have at least two faculty reps/members if possible.

46th Annual Psychology Student Conference, May 3 and 4, 2023

- **Host:** MSVU
- **Organizers:** Angie Birt and Donna Thompson
 - Special thanks to the Chair and faculty members of the MSVU Psychology Department, the Psychology Student Society executive (Lauren Giles, Lindsay Heyland, and Kathryn Reeves), and the "Psych Crew" of students who helped to make the conference happen.
- **Attendance:** This was the first in-person conference since it was held at Mount Allison University in 2019, and it was a huge success with 190 conference attendees, making it the largest Psychology Division conference to date. A total of 150 students and 31 faculty from across the Atlantic region attended, including participants from the Université Sainte-Anne and NSCC for the first time.
- **Presentations:** Students gave 64 oral presentations and 73 poster presentations covering a wide variety of topics within psychological science, while others attended, or volunteered at, the conference for the experience.
- **Program:**
 - The conference kicked off with a Meet & Greet trivia night with prizes.
 - Keynote speaker, Dr. Lisa Barrett, infectious diseases clinician scientist, discussed her experience with communicating scientific knowledge about COVID-19 during the pandemic in a talk entitled: *The COVID Crisis: Realtime Lessons in Communication, Empowerment and Health Ownership*.
 - Panel: *Spotlight on Clinical Psychology*, Drs. Conor Barker (MSVU), Etta Broderson (IWK), and Will Shead (MSVU), discussed the science and practice of clinical psychology with many questions from the student audience.
 - The conference ended with a banquet dinner and awards ceremony.

- **Highlights:**

- A great deal of effort was put into fundraising for the conference, especially by the faculty co-coordinators. In previous years, the Psychology Society would have contributed more, but they are still rebuilding after disruptions associated with the pandemic. Fundraising was targeted at various psychological associations, publishing companies, private psychological services companies, local businesses, as well as granting agencies.
- Cindy Smith (Communications and Member Engagement Assistant) and Lois Whitehead (ED) were incredible supports for the planning team.
- Fourwaves conference software was used for abstract submissions and registration. The conference co-ordinators highly recommend use of this software at future conferences because of its time-saving features and ease of use.

Upcoming Conference, May 9-10, 2024

- Host: Saint Mary's University
- Coordinators: Meg Ternes, Patrick Carolan

Division Business

- **Membership:** Angie Birt was voted in as Chair in February 2023. The Psychology Division wholeheartedly thanked Pierre Comier from Université de Moncton for his years of dedicated service.
- Given the large number of students participating in the conference, it was suggested at the February 2023 Division meeting that each institution have at least two faculty reps/members attend if possible.
- Several potential committee projects were briefly discussed and members were encouraged to think about future projects and bring them for discussion at a later time.
- **Holding Account:** \$2,000 was set aside to help support NL student travel for the 2024 conference, and \$1,000 was allotted to Science Atlantic for administrative support for the 2023 conference.

Presentations:

History of Science Atlantic

Opening the front door of Science Atlantic

Apart from my first year as a biology professor at the Université de Moncton, Science Atlantic has been part of my career for thirty-three years. I will share with you my perspective of the organization over those years, and what I see as its strengths that I believe will be fundamental in meeting the rapidly advancing pace of science and societal demands. Finally, as part of the Science Atlantic History Project, I will show you the results of my analysis of the conference abstracts of biology students from 1981 to 2022. The objective is to explore how research topics in this field have changed over the years.

About Alyre Chiasson



In 2021, Dr. Alyre Chiasson retired from the Biology Department of the Université de Moncton. Within Science Atlantic (originally APICS), he has served as chair of the Biology Committee as well as a member of numerous special committees appointed by Council over a 33-year period. He has also authored, revised, and edited many of the guides, policies, and reports of the organization, some of which are still in use. In 2012, he was recognized by Science Atlantic for his outstanding contributions to the organization.

Alyre's area of research is freshwater ecology, in particular human impacts on aquatic ecosystems. He has also served two terms as president of the government of New Brunswick's Scientific Committee for the protection of natural areas in the province. In the summer you can still find him in chest waders assisting summer students with water quality monitoring conducted by the Petitcodiac Watershed Alliance, a group he and three others established in 1997.

Connecting the Pieces: The Science Atlantic History Project

Beginning summer of 2023, students Amelia St. John and Megan Krempa have been working on digitizing the documents, books, and records of Science Atlantic (then APICS) from 1962 to 2000. This project aims to bring the history of Science Atlantic to life through making accessible the archival documents, connecting current members to their respective histories, and engaging the public in (re)discovering the importance of the organization. In this presentation, they will discuss the progress of the project so far and share some insights on their findings. Through a multimedia presentation, they will guide attendees through a brief history of Science Atlantic, focusing on stories that connect the past and present, and feature histories that have fallen through the cracks. At the end of this presentation, attendees will come away with an understanding of the importance that Science Atlantic has had in the post-secondary science community.

About Amelia St. John

As a fourth year marine biology and journalism student at Dalhousie University and the University of King's College, Amelia believes effective science communication plays a key role in addressing climate impacts by connecting research with policy. She considers storytelling as a creative form to be a foundation of knowledge translation. After she graduates, she is interested in working as a technical writer.



About Megan Krempa

Megan is a first-year Master of Information student at Dalhousie University. She completed her undergraduate degree in 2022 with first class honours in the History of Science & Technology and Philosophy at the University of King's College/Dalhousie University. She is passionate about making history accessible to everyone, and is interested in digital archives and their application in helping to democratize science and its history. Megan enjoys teaching and enjoys creating digital systems that allow others to have access to underrepresented histories. Her research interests are in the history of women in science and digital archival technologies.

Using co-curricular content integrated into core courses to increase student grades, success, and retention

Student transitions are hard. In addition to the academic challenges, there are social and academic skills-based challenges students must overcome. In this session I will present our experimental research investigating the effectiveness of integrating co-curricular student success skill development into first-year core required courses. I will describe the unique elements of “standard” versus “bespoke” approaches and describe the differences in effectiveness. Further, I will show how this approach has been used effectively across our core first-year science courses, our required intro to business course, and how we are planning to implement it in the intro psychology program. I will also provide data demonstrating increased mid-term and final grades, and increased retention rates year over year.

About Steve Smith



Steve Smith is a Professor of Psychology at Saint Mary's University. He has previously held the roles of Associate Vice-President Academic & Enrolment Management, Dean of Science, and Registrar, all at SMU. Steve's Tri-Council, provincial, and industry-funded research covers a broad range of topics, including forensic psychology, bias against people with criminal records, particularly Black and Indigenous applicants, student success, health promotion, EDIA issues, and others.

Steve has an extensive history of working in and developing effective partnerships, internal to the university, with provincial and national partners, and with industry and government. He also has a long history with

Science Atlantic, including serving as the psychology lead for SMU for three years and as an Institutional Representative for more than eight years. Steve has served as Acting Treasurer of Science Atlantic since May of 2023. Currently, Steve is a co-supervisor of a MITACS business strategy internship project with Science Atlantic to build an interactive user interface for the organization's web presence and student awards management.

Designing and Implementing Open Research Policies in Nova Scotia

With the current global and national focus on open science, Research Nova Scotia is exploring best practices and opportunities that meet the needs of Nova Scotia's research community. This project is the first of its kind in Canada, and a part of a broader move towards more open and accessible research. The main focus is collecting the broad research community's input on how to best design a workable and beneficial open research policy. In order to do this, we are investigating current practices and challenges around research data management (RDM), open access, open data and any engagement around other aspects of open science and open humanities, such as open infrastructures, open educational resources or citizen science.

By inviting the broad community to partake in this project we hope to:

- Understand current open science and open humanities practices in Nova Scotia;
- Identify opportunities and barriers to implementing open science in Nova Scotia;
- Find the researchers, institutions and organizations who are doing this well in Nova Scotia, and from whom we can learn;
- Apply best practices and learnings gathered around the world to a uniquely Nova Scotian context;
- Recommend ways to implement open science practices equitably, safely, and efficiently in Nova Scotian research.

About Maria Pawlowska



Dr Maria Pawlowska is an expert in research management with a focus on scientific data management and open science. Following her PhD in Earth Sciences from the University of Cambridge she transitioned to a career in research administration and policy and has over a decade of experience in managing international, interdisciplinary research projects and implementing and designing open science policies.

Maria has collaborated with the European governments and non-governmental organizations, as well as Fortune200 companies. She has helped establish over a dozen new centers of excellence (working with institutions such as Oxford University and CNRS) and was also a member of the Science



Europe working group that authored the “Practical Guide to the International Alignment of Research Data Management”. In the past year Maria has shared her expertise on open science at meetings organized by the United Nations and the European Commission, among others.

As a guiding principle Maria works to ensure that modern research management, including supporting openness, diversity and inclusion, became part of the blueprint for how science is done. Her work has been recognized by numerous organizations – Maria is a Bill and Melinda Gates Scholar, a member of the American Academy of Achievement and has received awards from the Coimbra Group, the Cambridge Philosophical Society and the UK Foreign and Commonwealth Office, among others.