

NSIS COUNCIL

Reports from the Annual General Meeting, May 2018

AGENDA

157TH ANNUAL GENERAL MEETING

5 pm - 7 May 2018

**The Great Hall, University Club
Dalhousie University, Halifax, NS**

1. Minutes of 156th AGM, 2017
2. President's Report 2017-2018 (Sherry Niven)
3. Treasurer's Report 2017-2018 (Angelica Silva)
4. Editor's Report 2018 (Peter Wells)
5. Librarian's Report 2017-2018 (Michelle Paon)
6. Webmaster's Report 2018 (Suzette Soomai)
7. Student Science Writing Competition 2018 (Hank Bird)
8. NSIS Excursions 2018 (Hank Bird)
9. NSIS 2018-2019 Public Lectures (Tana Worcester)
10. Nominations for NSIS Council 2018-2019 (Sherry Niven)
11. Any Other Business
12. Adjournment

NOVA SCOTIAN INSTITUTE OF SCIENCE

MINUTES OF THE 156TH ANNUAL GENERAL MEETING

1 May, 2017

Dalhousie University Faculty Club

Council Members present: Sherry Niven (President), Patrick Ryall (Past President), Tamara Franz-Odendaal (Vice-President), Michelle Paon (Librarian), Angelica Silva (Treasurer), Linda Marks (Secretary), Nicole LeBlanc (Publicity Officer), Dylan Miller (Membership Officer), Richard Singer

Members present: Carol Morrison, David Richardson, Robert Cook, David McCorquodale, Tana Worcester, David Richey, Matthew Richey, Paivi Torkkeli, Alan Ruffman

Regrets (Council Members): Suzette Soomai (Webmaster), Hank Bird (Excursions and Student Science Writing Competition Coordinator), Peter Wells (Editor), Victoria Turpin, Ron MacKay, Zoe Kirste (Student Representative)

The President welcomed members and called the 156th Annual General Meeting (AGM) to order. It was noted that the reports, excluding the minutes from last year's AGM, would be passed as a unit at the end of the presentations.

1. Approval of the Minutes of the 155th Annual General Meeting of 1 May, 2016:

Motion to accept the minutes of the 155th AGM

Moved: Patrick Ryall

Seconded: Richard Singer

All in favour: Carried

2. President's Annual Report (Sherry Niven):

The President thanked the 2016-2017 Council for their work and support and noted that it was an honour to serve as President of one of the oldest learned societies in Canada, especially as the country enters its 150th year.

The President described a successful series of public lectures in 2016-2017 and thanked the speakers, the Lecture Committee and lecture hosting venues (Museum of Natural Science, Agricultural

Campus of Dalhousie University in Truro, Mount Saint Vincent University and the Dalhousie's University Club).

The President reported that Council organized several successful excursions in 2016-2017 and thanked Hank Bird, Michelle Paon and Ron MacKay for leading the events. Other successful events included the sponsorship of a reception following the Dalhousie University Huntsman lecture; a student poster contest at the annual Fisherman and Scientists Research Society Conference; regional science fairs and awards to the NSIS Student Writing Contest. As well, Dr. Alan Taylor's bequest was distributed to nine Nova Scotia Regional Libraries.

The President was pleased to report that an Honorary NSIS Membership was granted to Nobel Laureate Dr. Arthur MacDonald. The membership was presented to Dr. MacDonald at the October 2016 ceremony where he was invested into the Order of Nova Scotia.

The President called on members of Council to present their reports.

3. Treasurer's Annual Report (Angelica Silva):

The Treasurer noted that her reporting period was 1 April 2016 – 31 March 2017 and reported that the NSIS has 79 regular, 12 life, 9 student and 16 institutional members. The Treasurer hoped that with the help of Membership Officer, Dylan Miller, memberships will be increased.

As of 31 March 2017, the net worth of the NSIS was \$59,383.28 with \$22,993.44 in cash (\$10,665.91 was very recently moved from an investment to cash) and \$36,389.84 in savings and investments. The Treasurer noted that again expenditures (\$15,998.86) exceeded revenue (\$4,945.24) due to increased expenses and \$5K from Dr. Alan Taylor's bequest is being distributed to Nova Scotia libraries (payment is based on population with the largest payment going to the Halifax libraries).

Revenue included memberships, sales of publications and a royalty payment from Access Copyright. Expenditures incurred to support science fairs, the writing competition and lectures/conference sponsorships; printing of the Proceedings, lecture posters and the brochures and postage.

Maturing investments (May 2017 and February 2018) will earn a lower rate of interest than currently received.

The Treasurer's report included a budget projection for 2017-2018 which identified greater expenses and lower revenue. Several items were identified for correction.

The President noted that she had earlier neglected introducing Membership Officer, Dylan Miller, who joined Council in October 2016 following the resignation of the officer elected at the May 2016 AGM.

4. Editor's Annual Report (Peter Wells):

Associate Editor David Richardson invited members to submit papers to the Proceedings and noted that articles from speakers at the NSIS public lectures were needed. David Richardson reported that, following the meeting, Vol. 49 (1) will be available to those with paid memberships and as a bonus, a 1975 issue of the Proceedings, Vol. 27, suppl. 2, *The Ipswich Sparrow* by Ian McLaren and Wayne Stobo, will be available for free.

5. Librarian's Annual Report (Michelle Paon):

Michelle Paon described her role as Librarian.

The Librarian reported that in 2016-2017, sales of the Proceedings yielded \$675.00 with 18 copies of the *Flora of Nova Scotia* sold. The *Flora* continues to sell well and with only 18-19 issues remaining the publication will be reprinted. The *Birds of Brier Island* (Vol. 46 Proceedings 2011 Special Issue) is now available on-line so the selling cost has been reduced from \$25 to \$15 and Council has agreed that a free copy be given with each new membership.

The Librarian reported that Dalhousie University's Killam Library, which stores the Institute's unsold issues of the Proceedings, is currently experiencing a shortage of space. To ease the shortage the inventory of the Proceedings, which is over 5000 issues, needs to be reduced. The Librarian reported that she will prepare a plan to address the issue.

David Richardson suggested contacting various institutions to see if they need if they need specific issues of the Proceedings to complete their collections. The Librarian noted that the issues would be free but mailing costs would need to be paid.

The Librarian reported that the NSIS has 16 institutional members and 84 exchange partners. Last year 126 publications from around the world were received from the exchange partners. The Librarian thanked the Killam Library staff and Carol Richardson for ensuring that these materials are available on the library shelves.

The Librarian reported that the 2015 repertoire payment from Access Copyright was \$369.24 and noted that royalties have declined due to fewer sales of the Proceedings and the availability of issues digitally. The payment is projected to further decline as Access Copyright licensing revenues also decrease. Editor Peter Wells has signed a new Access Copyright agreement which reflects the online presence of the Proceedings.

Alan Ruffman noted that Access Copyright repertoire payment, mentioned by the Librarian, was not reflected in the Treasurer's proposed budget and the lower sales of Proceedings. Angelica Silva noted the differences and reported that she took into account presales of approximately \$700 for the Sable Island edition of the Proceedings.

6. Lecture Program for 2017-2018 – Report of the organizing committee (Tamara Franz-Odendaal):

The Vice-President presented the report of the Lecture Committee. The lectures for 2017-2018 cover a variety of topics of interest in Canada's 150th year and, to accommodate an anticipated larger audience, two lectures will be held at the Halifax Central Library. In recent years the Council has been endeavouring to increase the profile of the NSIS outside the Halifax area and in that light the December lecture will be held at Acadia University in Wolfville. Brochures are available.

- 2 October 2017 **Stephen Locke**, Dalhousie University –
175th Anniversary of the Geological Survey of Canada
- 6 November 2017 **Dave Risk**, Saint Francis Xavier
University – Mapping methane emissions
- 4 December 2017 **Donna Crossland**, Parks Canada –
Forest management
- 8 January 2018 **Tim Fedak**, Fundy Geological Museum –
150 years of Canadian dinosaurs

- 5 February 2018 **Angie Birt**, Mount Saint Vincent University – Memory
- 5 March 2018 **Marcos Zentilli**, Dalhousie University – Climate change in the Arctic
- 9 April 2018 **Sarah Stewart-Clark**, Faculty of Agriculture, Dalhousie University - Aquatic invasive species
- 7 May 2018 **Anna Redden**, Acadia University – Tidal energy and marine life

7. Proposed Excursions for 2017-2018 (Hank Bird):

Hank Bird reported that four successful excursions took place in 2016-2017:

- Natural History of McNab’s Island
- Annapolis Royal Historic Gardens
- The Science and Art of Making Beer
- Burke-Gaffney Observatory

Following a survey of the membership five excursions were selected for 2017-2018:

- Petroglyphs and Nature Hike, Kejimikujik National Park, to be organized by Peter Wells
- Halifax Planetarium, Dalhousie University, to be organized by Hank Bird
- Joggins Fossil Cliffs, to be organized by Patrick Ryall
- Shubenacadie Canal, Dartmouth, to be organized by Kara MacPhee
- Bedford Institute of Oceanography (part of the BIO Open House) to be organized by Sherry Niven

8. Student Science Writing Competition Annual Report (Hank Bird):

Hank Bird reported two winning papers and one honourable mention were selected from 16 manuscripts. Awards were presented at the 3 April 2017 NSIS public lecture. Hank Bird thanked the panel of five who helped him with the judging and the Publicity Officer, Nicole LeBlanc, for her design and promotional work.

9. Publicity Report (Nicole LeBlanc):

The Publicity Officer reported that the 2017-2018 brochure has been redesigned to include a Facebook icon and a separate

membership form. The Institute's presence and promotion of events on Facebook and EventBrite will target more students.

The Publicity Officer noted that she will continue to work with other members of Council to promote the Student Writing Contest, lectures, other events and enhance membership.

The Publicity Officer recommended that the NSIS logo should be updated. A new logo along with a "pop-up" banner will improve the visibility of the NSIS at events.

Carol Morrison asked that members be given an opportunity to vote on the new logo. The Publicity Officer suggested that a survey could be sent to members.

The President thanked Nicole LeBlanc for bringing new energy and ideas to Council.

10. Webmaster's Report (Suzette Soomai):

The Webmaster reported that she continues to provide general maintenance and updates to the website, including the posting of monthly lectures, but the website requires a redesign which will require regular technical support to maintain and enhance its functions and update its security. The Webmaster reported that a new Webmaster should be sought once the redesign has been completed. In March 2017 Council approved the expenditure to hire a web designer and a notice was distributed.

Motion to accept the Annual Reports:

Moved: Tamara Franz-Odendaal

Seconded: Michelle Paon

All in favour: Carried

11. Report of the Nominating Committee for the 2017-2018 Council (Sherry Niven):

Sherry Niven reported that she has agreed to stay for a second term as President in 2017-2018 as Vice-President Tamara Franz-Odendaal will be unable to accept the position but has agreed to stay on Council. Tana Worcester will join Council as Vice-President and Patrick Ryall has agreed to stay as Past-President.

The President, as Chair of the Nominating Committee, asked the AGM to elect the following to NSIS Council for 2017-2018:

President	Sherry Niven
Vice-President	Tana Worcester
Past-President	Patrick Ryall
Secretary	Linda Marks
Treasurer	Angelica Silva
Publicity Officer	Nicole LeBlanc
Membership Officer	Dylan Miller
Librarian	Michelle Paon
Editor	Peter Wells
Webmaster	Suzette Soomai
Councillor	Tamara Franz-Odendaal
Councillor	Hank Bird
Councillor	Donald Stoltz
Councillor	Richard Singer
Student Representative	Alexa Kirste

Observers:

Discovery Centre	Kara MacPhee
Nova Scotia Museum	Laura Bennet

There was a call for additional nominations from the floor, including two vacant positions for Councillors. There were no other nominations.

Motion to accept the Nominations

Moved: David Richardson

Seconded: Richard Singer

All in favour: Carried

12. Any Other Business:

Sherry Niven invited all present to enjoy the public lecture at 7:30 PM, following the dinner.

There was no other business.

13. Adjournment:

Motion by Michelle Paon to adjourn the 156th Annual General Meeting of the NSIS at 6:12 PM.

Respectfully submitted

Linda Marks

Secretary

PRESIDENT'S REPORT 2017-2018

Welcome to the Annual General Meeting for the 157th year of the Nova Scotian Institute of Science! I would like to start the meeting by thanking the 2017-18 Council:

Officers: Patrick Ryall (Past-President); Tana Worcester (Vice-President); Linda Marks (Secretary); Angelica Silva (Treasurer); Nicole LeBlanc (Publicity Officer); Dylan Miller (Membership Officer); Michelle Paon (Librarian); Peter Wells (Editor); and Suzuette Soomai (Webmaster)

Councillors: Hank Bird (lead for Excursions and the Student Science Writing Competition); Tamara Franz-Odendaal; Richard Singer; and Donald Stoltz.

Observers: Alexa Kirste (Student Representative) and Kara MacPhee (Discovery Centre)

It has been another busy year for me at work and I very much appreciate Council's understanding and support!

Public Lectures

We had a very successful public lecture series this year. A sincere thank-you to Tamara Franz-Odendaal for organizing the series – and to all the speakers for their contribution to the Institute's goal of communicating and celebrating science in Nova Scotia:

Oct 2, 2017: Stephen Locke (Geological Survey of Canada, Natural Resources Canada) *A proud history of the Geological Survey of Canada: On the 175th anniversary*

Nov 6, 2017: David Risk (St. FX University) *In Pursuit of "the other" Greenhouse Gas: Mapping Methane Emissions across the Canadian Energy Sector*

Dec 4, 2017: Donna Crossland (Parks Canada) *A "clear-cut" Perspective about "science-based" forest management in NS*

Jan 8, 2018: Tim Fedak (Nova Scotia Museum of Natural History) *150 Years of Canadian Dinosaurs and other Major Fossil Discoveries*

Feb 5, 2018: Graham Daborn (Emeritus Professor, Acadia Centre for Estuarine Research/Acadia Tidal Energy Institute) *Reflections on the Bay of Fundy: Past, Present and Future*

March 5, 2018: Marcos Zentilli (Emeritus Professor, Dalhousie University) *The rise of mountains and climate changes in the Canadian Arctic Archipelago*

April 9, 2018: Sarah Stewart-Clark (Dalhousie University) *Aquatic Invasive Species in Nova Scotia; Are they spreading disease to our native species?*

May 7, 2018: Anna Redden (Acadia Centre for Estuarine Research/ Acadia University) *Tidal energy and marine life: Pro-testing, not protesting*

May 7, 2018: Anna Redden (Acadia Centre for Estuarine Research/ Acadia University) *Tidal energy and marine life: Pro-testing, not protesting*

Special thanks to Graham Daborn for stepping in at the last minute to provide February lecture! Council extends thanks as well to the Museum of Natural History for hosting the October, November, February, and March lectures; the Halifax Central Library for hosting the January and April lectures; Acadia University for hosting the November lecture; and Dalhousie's University Club for hosting the AGM lecture and dinner.

The Institute also co-hosted a public lecture with the Ocean Frontier Institute on Nov 29th 2017 at Dalhousie University by the 2017 recipient of the A.G. Huntsman Medal for Excellence in Marine Sciences, Dr. Jeffrey Hutchings (Dalhousie University). (Recovering Canada's Marine Fish and Fisheries: the Roles of Science, Policy and Societal Will)

The Library, Dalhousie, and Acadia University lectures provided great opportunities for out-reach and to distribute lecture brochures and complimentary copies of old Proceedings

Other Activities

Information on other activities during the year (excursions, the Proceedings, the student writing contest, website, publicity, and sponsorships) are detailed in other reports. My thanks to all members who have contributed to the success of these activities.

Looking to the Future

Council is planning a visioning and strategic planning session this summer. Stay tuned for information!

*Respectfully submitted,
Sherry Niven
2017-18 NSIS President*

TREASURER'S REPORT**NOVA SCOTIAN INSTITUTE OF SCIENCE****April 1, 2017 - March 31, 2018****ASSETS** as March 31, 2018

Bank Account BMO (as of March 31, 2018)	12,529.08
Investments (as of March 31, 2018)	37,125.73

TOTAL ASSETS: \$49,654.81

INVESTMENTS (as of March 31, 2018)

Renaissance High Interest Savings Account (March 29, 2018) @1.0%	9,090.31
Equitable Bank GTD Investment Cert CA @ 1.81% due June 15, 2018	7,000.00
Equitable Bank GTD Investment Cert CA @ 2.46% due March 09, 2020	10,015.99
Equitable Bank GTD investment Cert CA @ 2.72% due May 08, 2021	11,019.43

TOTAL INVESTMENTS

as of March 31, 2018 **\$37,125.73****

REVENUES AND EXPENDITURES 2017-2018**REVENUE** as of March 31, 2018

Membership dues Regular	\$ 1,800.00
Membership Life	300.00
Membership Students	50.00
Membership Institutions	420.00
AGM Dinner (May 2017)	855.00
Sales NSIS Proceedings, Birds of Brier Island, Flora NS	1,219.68
Donations	10.00
Income/Royalties ACCESS Copyright Royalty	337.03
Field trip/Excursion	359.950
Postage	16.00

TOTAL REVENUE **\$ 5,367.66**

EXPENSES as of March 31, 2018

Proceedings printing/ layout PNSIS	\$ 4,126.63
NSIS Flora Reprint	1,258.10
NSIS Annual Brochure, Monthly Lectures	1,127.13
Mail PNSIS to members, NSIS postage	371.93
AGM Dinner (2017) venue, dinner	1,242.68
NSIS Dr. Taylor's bequest contribution to NS Regional libraries	4,999.99
Lecture Sponsorships	500.00
Nova Scotia Regional Science Fairs contributions	400.00
NSIS Writing Competition (Undergraduate/Graduate)	1,250.00
Rent Halifax Regional Library - lecture	92.00
Supplies office	93.00
Field trip/ excursion	334.95
Bank charges	36.60

TOTAL EXPENSES **\$ 15,832.02**

Finances

The net worth of NSIS is \$49,654.81 as of March 31, 2018 from a total of \$12,529.08 at BMO account plus current Investments of \$37,125.73.

For this past 2017-2018 period, NSIS had a total income of \$ 5,367.66 that resulted from Membership regular, students, and institutions (\$2,570); revenue from AGM dinner (\$855), Sales of Proceedings PNSIS, Flora of Nova Scotia, Birds of Brier Island (\$1,219.68), donations (\$10), Royalties ACCESS (\$337.03), NSIS Excursions (\$359.95) and paid postage for \$16.

Total expenditures of \$15,832.02 did result from costs associated to Printing of Proceedings of Nova Scotian Institute of Science (PNSIS) (\$4,126.63), re-printing of NSIS Flora of Nova Scotia (\$1258.10) plus expenses related to communications and publicity that included Annual NSIS Brochures, Monthly posters, Bookplates for NS regional libraries (\$1,127.13), mailing costs of PNSIS to members (\$371.93), AGM venue and dinner (\$1,242.68), 2nd year (2017) of NSIS Dr. Taylor's bequest to NS Regional Libraries (\$4,999), Lecture Sponsorships (\$500), Regional Science Fairs (\$400), NSIS Student Writing Competition (Molly LeBlanc \$750 and Zachary T. Sherker \$500), Lecture space at Halifax Regional Library (\$92), Office Supplies (\$93), Field trip/excursion (\$334.95), Bank charges (\$36.60).

Membership 2017/2018 and Projected Budget 2018/2019

2017/2018: NSIS had a total of 78 paid members (n= 60 regular members; n=5 student members and n=13 Life Members) and 14 Institutional members. NSIS also has numerous Honorary Members.

The Nova Scotian Institute of Science continues to dedicate all its resources towards communication of scientific issues relevant to all Nova Scotians and it has supported lectures, conferences, student competitions, printing of the Proceedings of the Nova Scotian Institute of Science, Regional Science Fairs and more recently Field excursions to NSIS members. The upcoming year 2018/2019 will be the 3rd and last year of support to Nova Scotia Regional libraries as per Dr. Alan Taylor's bequest to NSIS.

Projected Revenues are expected to increase in 2018/2019 with promotion of new memberships. Projected Expenses will be similar to this year ~ \$15,000 will include costs of printing and production of The Proceedings of the Nova Scotian Institute of Science (PNSIS); NSIS writing Awards to University Undergraduate and Graduate Students (\$1,250), Regional Science Fairs (n=10 x \$200- \$2000); contributions to Science Lectures and Conferences in the Province; costs associated with publicity of Annual NSIS Brochure with lectures and Membership form; publicity costs of Monthly NSIS lecture posters; Mailing costs to Institutions and NSIS members. Updates to website will be included at ~\$1,500.

It is recommended that investments are maintained by renewing investments at time of maturity to maintain a minimum of \$25,000 or greater level of savings.

Respectfully submitted to NSIS AGM 2017-2018 on May 7th, 2018

Angelica Silva PhD

NSIS Treasurer

Angelica.Silva@dal.ca

EDITOR'S REPORT 2018

Prepared for AGM May 1, 2018

The 2018 issue of the PNSIS (Volume 49, Part 2) has been published and is available in hard copy (limited printing) and on the websites of the NSIS and Dalhousie University. As with the previous issue, it has an Editorial, Commentaries, Articles, and for this issue, one book review.

Input is continuing for the next two issues of the Proceedings - Volume 50(1) will be a special issue on marine polychaetes, and Volume 50(2) will be a regular issue, with a number of contributed papers already received and in review.

We have revisited and strengthened the Instructions to Authors; they are printed in the recent issue. This is meant to reduce the time required at the final editing and proofing stage of production. Producing this journal is largely a volunteer operation; it is hoped that the contributing authors will follow the new instructions and reduce the time commitment of the editors.

As stated last year, we need more contributions that reflect the annual NSIS lecture program, and the work and concerns of members of the NSIS. The Proceedings are a voice piece of the Society; it would be nice to receive feedback from members and interested members of the public who attend the monthly lectures.

Finally, we would like to thank everyone involved in this enterprise - the authors, the Editorial Board, and especially Gail LeBlanc, Production and Layout Editor, for a job well done once again for the Proceedings of the NSIS.

Respectfully submitted by:

Peter G. Wells, Dalhousie University, Editor

May 3, 2018

LIBRARIAN'S REPORT 2017-2018

Prepared for AGM May 7, 2018

In my role as NSIS Librarian, I communicate with NSIS journal exchange partners from around the world and oversee the receipt of partner journals. I also work with Killam Library staff members who prepare these journals for the shelves and facilitate access to the online *Proceedings of the Nova Scotian Institute of Science*.

Proceedings of the Nova Scotian Institute of Science

During 2017/2018, sales of the Proceedings from the Killam Library's Reference & Research Services office generated \$500 in revenue (see Appendix A). Of note, NSIS sold 11 copies of the Flora of Nova Scotia to university students in a summer course. In July, NSIS Council replenished the stock of this publication by reprinting 50 copies of the Flora.

Distribution of Overstock Issues of the Proceedings

During the year, NSIS distributed 779 complimentary copies of the Proceedings (see Table 1) from the overstock inventory stored in the Killam Library. Recipients included NSIS members, lecture attendees, library patrons, science teachers, and visitors to the BIO Expo event in Dartmouth. Many lecture attendees were intrigued by issues published in the late 19th and early 20th centuries. Graduate students were also happy to discover the free copies, with some surprised to recognize their supervisors' names as the authors of articles in the *Proceedings*. NSIS will continue to give away overstock copies of the journal during the upcoming lecture season. This initiative has been a great success!

Access Copyright

In July 2017, the NSIS Librarian submitted the required forms to Access Copyright for the 2017 repertoire payment to publishers. NSIS subsequently received a payment of \$337.03 (This was lower than the 2016 payment of \$369.24).

Table 1 Distribution of Complimentary Copies of the Proceedings (August 2017 – February 2018)

Date (2017-18)	Event / Message	Number of copies distributed
Aug.	Message re. “free copies” sent via email to NSIS councillors and members, and posted to NSIS website and Facebook.	285
Sept. 18-23	Science Literacy Week display tables - Killam Library	154
Sept. 20-24	Bedford Institute of Oceanography Expo, Dartmouth, NS	65
Oct. 27	Atlantic Science Teachers’ In-service Day, Halifax, NS.	100
Nov. 29	Huntsman Award Lecture, Dalhousie University	47
Dec. 4	NSIS Lecture, Acadia University, Wolfville, NS.	39
January 8th	NSIS Lecture, Central Library, Halifax, NS.	59
February 21st	Royal NS Historical Society lecture, Halifax, NS.	30
	Total distributed during August 2017 to February 2018	779

Copyright-Related Requests

On November 6th, NSIS granted permission to Biodiversity Heritage Library (BHL), based at Harvard University, to redigitize the Proceedings of the NSIS. When BHL loads these files to its online platform, it will provide researchers around the world with additional options and ways to search the contents of the *Proceedings*.

On November 16th, Warren Reed requested permission to reprint an NSIS publication in combination with primary source material from the Nova Scotia Archives. Entitled *Titus Smith: "The Dutch Village Philosopher", Pioneer Naturalist of Nova Scotia, 1768-1850*, the booklet was published in 1938. As the author Harry Piers died 78 years ago, the text is now in the public domain, and no permission was required from NSIS.

Institutional Members and Exchange Partners

Renewal notices were sent to institutional members in March 2018. There are currently 16 institutional members and 86 NSIS exchange partners.

NSIS Exchange Journal Collection

NSIS receives journal issues from exchange partners around the world. As an example, from April 2017 to March 2018, 110 journal issues and society publications were delivered to the Killam Library

from the Institute's exchange partners. These items have been processed and added to the NSIS collection in the Killam Library.

On behalf of NSIS, I would like to thank the Killam Library's Administrative Assistant Carol Richardson and the staff of the library's Serials Department who process the exchange journals and make them shelf-ready. In fact Carol graciously finds time to assist NSIS in many ways. She responds to NSIS councillor requests, collects NSIS mail, locates copies of exchange journals for document delivery requests, sells copies of the *Flora* to students, prepares mail-outs, tallies the AGM dinner registrations, and generally provides the NSIS Librarian with much-valued support. We are very fortunate and thankful to have her! Looking back on this year, Carol expressed satisfaction with the popularity of the free giveaways (NSIS *Proceedings*), an initiative that is helping to free up much-needed space in the Killam Library basement.

Respectfully submitted by:

Michelle Paon

NSIS Librarian

May 3, 2018

APPENDIX A

**Proceedings sold by Killam Library Reference & Research Services Office
April 2017 – March 2018**

Date (2017)	Volume/Issue of <i>Proceedings of the Nova Scotian Institute of Science</i>	# Sold	Price	Amount Received (\$)
April	Flora of Nova Scotia	1	\$35.00	\$ 35.00
May	Birds of Brier Island	2	\$15.00	\$ 30.00
May	v. 34, pt. 3/4	1	\$10.00	\$ 10.00
May	v. 31, pt. 1	1	\$10.00	\$ 10.00
July	Flora of Nova Scotia	11	\$35.00	\$385.00
Nov.	v. 48, pt. 2	1	\$15.00	\$ 15.00
Dec.	v. 49, pt. 1	1	\$15.00	\$ 15.00
Totals		18	-----	\$500.00

WEBMASTER'S REPORT AGM MAY 2018

General maintenance of the NSIS website was kept up for the 2018/2019 year, including regular posting of news items and information on the lecture series.

This is my last report as NSIS Webmaster, as mentioned in my April 2018 report. I was unable to find an appropriate replacement for a new Webmaster to continue for the 2018/2019 NSIS year.

A meeting is proposed with the President and Vice-President of the NSIS to discuss the future of the website management. I am also suggesting that a member of the Council continue the routine management of the website, in the interim, while seeking a Webmaster and a web designer for the proposed redesign of the website. I will provide the username and password for the NSIS website and provide a brief description of how the site is organized.

The new Webmaster should be able to continuously monitor the site given the proposed interactive design (e.g., photograph, video, links to NSIS social media, and Paypal). The new Webmaster will also coordinate the hiring of a web-designer to enable the NSIS website to support these new functions.

Action requested: NSIS President and/or Vice-President to advise on an appropriate time to meet to discuss handing over responsibilities for future maintenance of the website.

*Submitted by
Suzette Soomai, Webmaster*

**STUDENT SCIENCE
WRITING COMPETITION 2018
May 2018 Report for the AGM**

This year 15 students (4 undergrad, 11 postgrad) expressed interest in participating, and 7 students (2 undergrad, 5 postgrad) submitted manuscripts. This was fewer than in recent years, so we will take steps to increase participation next year.

In March the seven judges assessed the manuscripts and selected the following:

Undergrad Winner:

No paper qualified as a winner this year.

Undergrad Hon. Mention:

Bronwen Schryver (MSVU) for the paper “*Childhood-Onset Schizophrenia: Trajectories of Gray and White Matter Development and Associations with Clinical Outcomes*”.

Postgrad Winner:

Loay Jabre (Dal) for the paper “*Deciphering the Scent of Phytoplankton Around Sable Island, Nova Scotia*”. (\$750 Prize)

Postgrad Hon. Mention:

Casey Jones (Dal) for the paper “*A Quantified Society: How Genetics Is Changing the Way We Do Healthcare*”.

Certificates and cheques were awarded at the beginning of the April 3rd NSIS public lecture.

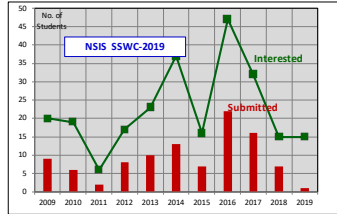
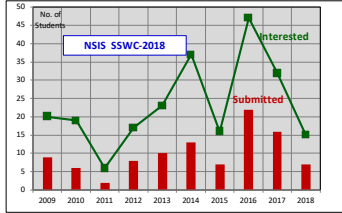
The judges also discussed constructive feedback which was given to each contestant, and ways to improve the competition in future years. Thanks to Tom Rand, John Rutherford, Pat Ryall, Rick Singer and Don Stoltz for their hard work.

Univ.	Interest	Submitted
Acadia	0	0
CEU	0	0
Dalhousie	12	5
MSVU	1	1
SFX	0	0
SUWU	2	1
Total	15	7

Year	Interest	Submitted
2009	20	9
2010	19	6
2011	6	2
2012	17	8
2013	23	10
2014	37	13
2015	16	7
2016	47	22
2017	33	16
2018	15	7

Univ.	Interest	Submitted
Acadia	0	0
CEU	0	0
Dalhousie	13	1
MSVU	0	0
SFX	1	0
SUWU	1	0
Total	15	1

Year	Interest	Submitted
2009	20	9
2010	19	6
2011	6	2
2012	17	8
2013	23	10
2014	37	13
2015	16	7
2016	47	22
2017	33	16
2018	15	7
2019	15	1



Hank Bird
SSWC Coordinator

NSIS EXCURSIONS 2018 REPORT FOR AGM, MAY 2018

We did three excursions in late 2016:

- Natural History of McNab's Island
- Annapolis Royal Historic Gardens
- The Science and Art of Making Beer

And in 2017 there were the following five:

- Burke-Gaffney Observatory
- Joggins Fossil Cliffs
- Shubenacadie Canal
- Bedford Institute of Oceanography
- Dalhousie Planetarium

Based on a survey of the membership, we selected 3 of the more popular excursions (from a list of 10) to do in the Spring, Summer and Fall of this year. They are:

- Labrador Castle Hike (East River) Pat Ryall
- Otter Ponds Demonstration Forest (Shubie Park) Hank Bird
- Petroglyphs and Guided Nature Hike (Kejimikujik) Peter Wells

The following has been added and will take place on June 2nd:

- Habitats & Habits of NS Birds (Brooklyn) Hank Bird

We may also arrange a repeat of The Art and Science of Making Beer, or arrange an excursion to a vinyard.

Thanks to Linda Marks and Nicole LeBlanc for canvassing the membership and the student community.

Each excursion is being set up and organized separately by the person listed. Announcements and details should begin to appear soon.

Hank Bird
Excursions Coordinator

NSIS 2018-2019 PUBLIC LECTURES

The lecture series committee proposes the following line-up for the 2018-19 series. Titles and abstracts will be available by the end of May.

Oct 1, 2018

Jeff Hutchings (Professor and Killam Chair in Fish, Fisheries and Oceans, Dalhousie University). Distinction between Advice and Advocacy in Science.

Nov 5, 2018

Shelley Adamo (Department of Psychology and Neuroscience, Dalhousie University). Zombies in the natural world: how a parasitic wasp hijacks the brain of its caterpillar host.

Dec 3, 2018

Bruce Ewert (L'Acadie Vineyards). The Science of Sparkling Wine in Nova Scotia.

Jan 7, 2017

Noni MacDonald (Department of Pediatrics, Dalhousie University). MicroResearch in the Nova Scotian Context: how approaches used successfully in Uganda may help to address health issues in Nova Scotia.

Feb 4, 2017

Zoe Lucas (Sable Island Green Horse Society) on Sable Island.

March 4, 2017

Bruce Hatcher (Director of the Bras d'Or Institute and Chair in Marine Ecosystem Research, Cape Breton University). Bras d'Or Lakes Biosphere.

April 1, 2017 (TBC)

Shelley Denny or alternate (Director of Aquatic Research and Stewardship, Unama'ki Institute of Natural Resources). Use of Science and Two-eyed Seeing to Address Aquatic Issues of Importance in Cape Breton.

May 6, 2017 (TBC)

Ross Firth or Peter Green (Nova Scotia Nature Trust). 100 Wild Islands on the Eastern Shore, NS.

Tana Worcester

Chair of 2018-19 NSIS Lecture Committee

Vice President, NSIS

**NOMINATIONS FOR NSIS COUNCIL
2018/2019**

President	Tana Worcester
Vice-President	Darlene Smith
Past-President	Sherry Niven
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Treasurer	Angelica Silva
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