

To: CSEG Awards Committee, October 31, 2023

We respectfully nominate Annette Milbradt for the CSEG Honourary Member Award.

Annette has impacted and inspired quite literally thousands of people through her decades of CSEG and earth science volunteer service which has included a total of 14 years devoted to Outreach, 12 years to Seismic In Motion, 6 years in multiple roles on the CSEG Foundation Board of Directors, 3 years to Kids in Science, and most notably 13 years which continues today with her legendary efforts and impact through Earth Science for Society. That is a total of 48 years of volunteer service when considered independent of one another!

Annette has held various positions within each of the committee's and groups she has served. When asked how she feels she has impacted through her volunteer roles, Annette rightfully highlights her knack for connecting and bringing different groups serving earth science outreach needs together, so that their collective efforts are magnified and even more impactful. Ask anyone who has worked with her, and you will know that she is masterful in her ability to coordinate and organize groups of volunteers, spearhead sponsorship, set out clear systems of governance including roles/responsibilities and processes, budgeting, sticking to a budget, creating guidebooks and other required materials whether for education or for the running of a committee and just generally being able to take on any role or task that is required to keep a group moving forward in an ultra-organized fashion.

Annette's volunteer efforts for the CSEG and the earth sciences have been enduring, year after year in the championing of outreach, addressing the education of young students and the public through her work with CSEG Outreach, Seismic in Motion for Students, Kids in Science and in particular with Earth Science for Society (ESfS). ESfS is a group that has been supported by the CSEG/CSEG Foundation since ESfS's inception in 2010 and has hosted more than 23,000 attendees where hands-on exhibits are offered to inspire and educate grade-school students, youth groups and the general public about earth science. It is a remarkable testament to the success of ESfS that within 2 weeks of a new school year, the ESfS annual 3-day event is 95% signed up for, due to the value teachers and students have received over the years. Annette has been instrumental throughout the life of ESfS's, from its' early days as the Kids in Science program, to chairing the first ESfS event at GeoCanada 2010, to serving in all aspects over the years including but not limited to administration, venue & logistics, exhibits, sponsorship, grant writing, marketing, volunteers, program delivery, speakers, budget & finances. Annette was a key player in securing ongoing funding for the group when the going got tough in 2012/2013 and it is questionable whether the group would be around today if that primary funding had not been taken on first by APEGA and then by the CSEG Foundation, thanks to the leadership of Annette and the support of others.

In addition to her impactful contributions noted above, Annette has also served on the CSEG Foundation Board of Directors in a range of roles including Fund Development, Distinguished Lecture Tour Chair, Treasurer, Governance Chair, and Secretary. She has committed herself to service all while delivering exemplary performance throughout her professional career and raising a family (shout-out to Sonia, Elise, and Steven) with her husband Peter. To capture the full scope of her CSEG and earth science volunteer background, a summary is presented below.

1980's	Slide projector operator at CSEG luncheons	LOL "Next slide please"
2006 – 2020	Volunteer, Outreach CSEG and CSEG Foundation (CSEGF)	<ul style="list-style-type: none"> <input type="checkbox"/> Sept 2008 – June 2011: Chair <input type="checkbox"/> 2008-2012: CSPG Honourary Address <input type="checkbox"/> 2010: Guided transition to move Outreach from CSEG to CSEG Foundation <input type="checkbox"/> Activities included career fairs and events, in-school presentations, educational resources, recruiting and managing volunteers, connecting with universities, connecting with other outreach organizations, developing booth and presentation materials <input type="checkbox"/> 2016 GAC/MAC convention in Whitehorse, Outreach session: Co-author and presenter "<i>Keep it Simple! The Adventures of the Canadian Society of Exploration Geophysicists (CSEG) Foundation on How to Organize and Distribute Educational Resources</i>"
2006 – 2018	Seismic in Motion for Students	<ul style="list-style-type: none"> <input type="checkbox"/> CSEG / CSEGF Outreach liaison, helping high school students prepare for and then visit the various stations at the Canadian Association of Geophysical Contractors (CAGC) seismic acquisition field trip. <input type="checkbox"/> Activities included in-school presentations, sponsorship, guide coordinator, guide, CSEG Booth presenter <input type="checkbox"/> 2008: With CAGC, awarded the Calgary Board of Education's Lighthouse Award for Seismic in Motion for Students (SIMfS)
2006 – 2009	Volunteer, Kids in Science Program	<ul style="list-style-type: none"> <input type="checkbox"/> Precursor to ESfS; 150 students visit to GeoConvention floor each year <input type="checkbox"/> 2007-2009: Organizing committee 2007-2009; guide, guide coordinator, logistics

<p>2010 – Present</p>	<p>Volunteer, Earth Science for Society (ESfS)</p>	<ul style="list-style-type: none"> □ Earth Science for Society (ESfS) is a three-day geoscience outreach event in which grade school students, families, youth groups, and the public are given an opportunity to explore the wonders of Earth science through hands-on exhibits. <ul style="list-style-type: none"> ○ Over 23,000 total attendees since 2010; over 15,000 grade school students with their teachers and adult chaperones and over 2,000 Youth Group attendees with their leaders and chaperones ○ 20-26 exhibitors every year ○ 80-120 days-of-event volunteers every year □ 2010: Chair; event in conjunction with GeoCanada 2010 □ Organizing committee member on various subcommittees <ul style="list-style-type: none"> ○ Activities include admin, venue & logistics, exhibits, sponsorship, grant writing, marketing, volunteers, program delivery, speakers, long term member of budget & finance committee ○ Almost every year the event was held, achieved a net zero budget □ Volunteer on ESfS in Motion subcommittee: <ul style="list-style-type: none"> ○ Events: Science Odyssey, Science Literacy Week, APEGA's Rock and Fossil Clinic ○ Helped develop four travelling exhibits – the Explore Space Station, the Trilobite Fossil Station, the Rock Cycle Station and the Our Changing World Station – and compiled geoscience activity sheets
<p>2011 – 2017</p>	<p>Director, CSEG Foundation Board of Directors</p>	<ul style="list-style-type: none"> □ 2011-2013: Director-at-large, Outreach representative □ 2011-2013: CSEG Distinguished Lecture (CDL) Tour, Chair 2012/2013 <ul style="list-style-type: none"> ○ Helped develop CDL Guidebook for lecturers and hosts □ 2011-2017: Fund Development committee <ul style="list-style-type: none"> ○ Helped document donation and donor recognition processes, gift acceptance policy □ 2012-2017: Finance Committee, Treasurer 2013/2014 & 2014/2015 <ul style="list-style-type: none"> ○ Helped develop and refine investment policy □ 2014-2017: Governance Committee, Chair 2015/2016 <ul style="list-style-type: none"> ○ Helped develop and refine Governance Handbook □ 2016-2017: Secretary

1980 – 1991	Geophysicist, Shell Canada	<input type="checkbox"/> Interpreter NEBC, Saskatchewan, East Coast offshore, Alberta <input type="checkbox"/> 1981-1982: Party Chief; field acquisition and seismic data processing team lead of up to 10 people <input type="checkbox"/> ~1990: Found some of the deepest oil in Alberta
1991 – 2002	Hiatus from geophysics	<input type="checkbox"/> Partner & General Manager, Garden Centre and Nursery <input type="checkbox"/> Business Analyst & General Manager
2002 – 2003	Geophysicist, Petro-Canada	<input type="checkbox"/> Interpreter West Central Alberta
2003 – 2006	Geophysicist, Anadarko Canada Corporation	<input type="checkbox"/> Interpreter NEBC and southern NWT <input type="checkbox"/> Coordinated seismic data room for sale of company to CNRL
2007 – 2008	Geophysicist, Duvernay Oil Corp.	<input type="checkbox"/> Interpreter NEBC
2008 – 2009	Geophysicist, Shell Canada	<input type="checkbox"/> Interpreter NEBC
2010 – 2017	Tourmaline Oil Corp	<input type="checkbox"/> Interpreter NEBC, Deep Basin, and Peace River Arch <input type="checkbox"/> Supported up to 12 rigs at a time <input type="checkbox"/> Geoconvention 2017: Co-author " <i>High Density Vibroseis in NW Alberta</i> "

Annette is a modest and masterful coordinator, an impactful leader-from-behind, passionate about earth science, the best mentor, inspiring, and fun. Given all her efforts and accomplishments, we are confident you will agree that Annette is an incredibly deserving recipient of the CSEG Honourary Member Award.

Respectfully Submitted by:

Elaine Honsberger
Marissa Whittaker
Laurie Ross
Stephen Kotkas
Nancy Shaw
Nanna Eliuk
Brian Russell