

CURRICULUM VITAE

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Educational background

- 2000 • Ph.D. degree, October 6th, 2000, *University of Toronto*, Department of Physics, Geophysics Division, Toronto, Ontario, Canada. Thesis title: “Seismic Reflection Imaging in Crystalline Terrains”.
- 1994 • M.Sc. degree, September 30th, 1994, *University of Toronto*, Department of Physics, Geophysics Division, Toronto, Ontario, Canada. Title of the report: “Reprocessing of Crustal Seismic Reflection Data from the Abitibi Greenstone Belt”.
- 1991 • B.Sc. degree, May 16th, 1991, *University of Belgrade*, Faculty of Mining and Geology, Department of Geology, Geophysics Division, Belgrade, Yugoslavia. Thesis title: “Analysis of the Effect of a Seismic Model on Earthquake Hypocenter Parameters in the Region of Serbia”.

Awards and distinctions

- 2014 • Centre National de la Recherche Scientifique, Nice, France - Invited Researcher.
- 2013 • Ecole Normale Supérieure, Paris, France - Invited Professor.
- 2012 • Observatoire de la Cote d’Azur, Nice, France - Invited Professor.
- 2006-2016 • Canada Research Chair in Geophysics and Petroleum Exploration (awarded twice).
- 2000-2002 • Canadian Government Laboratory Visiting Fellow.
- 1997-1998 • Canadian Society of Exploration Geophysicists Scholarship.
- 1997 • Hart House Film Board Production and Post Production Grants.
- 1995-1996 • Canadian Society of Exploration Geophysicists Scholarship.
- 1995-1998 • University of Toronto Open Doctoral Fellowship (awarded three times).
- 1994-1995 • Ontario Graduate Scholarship.
- 1992-1993 • State Oil & Gas Company of Yugoslavia Graduate Scholarship.

Work experience

- Date • From July 1st, 2015 to present.
Employer • Dept. of Earth Sciences at Dalhousie University, Halifax, Nova Scotia, Canada.
Position • Full Professor and Interim Department Chair
- Date • From Aug. 1st, 2008 to Aug. 1st, 2010, and from Aug. 15th, 2014 to present.
Employer • Dept. of Earth Sciences at Dalhousie University, Halifax, Nova Scotia, Canada.
Position • Associate Chair.
- Date • From Jan. 1st, 2014 to present.
Employer • University of Texas Institute for Geophysics, Austin, USA.
Position • Senior Research Fellow.
- Date • From Aug. 1st, 2006 to present.
Employer • Lamont-Doherty Earth Observatory of Columbia University, New York, USA.
Position • Adjunct Research Scientist at the Lamont-Doherty Earth Observatory of Columbia University.
- Date • From Aug. 1st, 2006 to July 31st, 2016.
Employer • Dept. of Earth Sciences at Dalhousie University, Halifax, Nova Scotia, Canada.
Position • Canada Research Chair in Geophysics.
- Date • From Aug. 1st, 2006 to July 1st, 2015.
Employer • Dept. of Earth Sciences at Dalhousie University, Halifax, Nova Scotia, Canada.
Position • Associate Professor.
- Interests • Rifting and drifting; oceanic crustal accretion, structure and evolution; subduc-
(Applies for tion zone processes, megathrust earthquakes, and aseismic slip events; hydra-
all positions tion/dehydration of oceanic plates and intraslab earthquakes; seismic imaging
listed above) methodology; petroleum exploration at passive margins; seismic oceanography;
coastal response to climate change, etc.
- Date • From August 1st, 2004 to July 31st, 2006.
Employer • Lamont-Doherty Earth Observatory of Columbia University, New York, USA.
Position • Doherty Associate Research Scientist.
Interests • Oceanic crustal structure and evolution; past climate record based on pas-
sive margin sedimentary record; subduction zone processes, megathrust earth-
quakes, and aseismic slip events; hydration/dehydration of oceanic plates and
intraslab earthquakes, seismic imaging methodology, etc.
- Date • From July 28th, 2002, to July 31st, 2004.
Employer • Lamont-Doherty Earth Observatory of Columbia University, New York, USA.
Position • Post Doctoral Research Scientist.
Duties • Structural studies of the Southeast Indian and Juan de Fuca mid-ocean ridges
from seismic reflection and other data.
- Date • From October 7th, 2000, to July 27th, 2002.
Employer • Geological Survey of Canada - Pacific, Natural Resources Canada.
Position • Visiting Fellow.

- Duties
- Structural studies of the northern Cascadia and eastern Nankai subduction zones from seismic reflection, seismic tomography and seismicity data.
- Date
- From October 10th, 1991, to January 15th, 1993.
- Employer
- NIS-NAFTAGAS, Geophysical Institute, Belgrade, Yugoslavia.
- Position
- Geophysicist.
- Duties
- Acquired and processed 2D & 3D seismic reflection data for oil and gas exploration. Acquired, processed and interpreted shallow refraction data.
- Date
- Summers of 1986-1990.
- Employer
- D.Sc. Obrad Milošević, University of Belgrade, Belgrade, Yugoslavia.
- Position
- Research assistant at the Geophysics Laboratory.
- Duties
- Prepared labs for experimental training of students.

Fieldwork

- Date
- May - July, 2015.
- Employer
- University of Texas at Austin.
- Position
- Co-chief scientist. Project NJ3D. 3D multichannel seismic imaging of the clinoform geometry offshore New Jersey. Cruise MGL1510 on *R/V Marcus G. Langseth*.
- Duties
- In charge of the survey together with other co-PIs.
- Date
- June - July, 2014.
- Employer
- University of Texas at Austin.
- Position
- Co-chief scientist. Project NJ3D. 3D multichannel seismic imaging of the clinoform geometry offshore New Jersey. Cruise MGL1405 on *R/V Marcus G. Langseth*.
- Duties
- In charge of the survey together with other co-PIs.
- Date
- June - July, 2012.
- Employer
- Columbia University.
- Position
- Co-chief scientist. Project Ridge2trench. 2D multichannel seismic and ocean bottom seismometer survey of the Juan de Fuca plate from ridge to trench. Cruises MGL1210 on *R/V Marcus G. Langseth* & OC1206A on *R/V Oceanus*.
- Duties
- In charge of the survey together with other co-PIs.
- Date
- June - August, 2011.
- Employer
- Columbia University.
- Position
- Co-chief scientist. Project ALEUT. 2D multichannel seismic and ocean bottom seismometer survey of the Alaska subduction zone from the SW end of Kodiak Island to Shumagin Islands. Cruise MGL1110 on *R/V Marcus G. Langseth*.
- Duties
- In charge of the survey together with other co-PIs.
- Date
- November, 2010.
- Employer
- Dalhousie University.

- Position • Chief scientist. Project OCTOPUS. 2D ocean bottom seismic survey of the the north-central Scotian margin. On *R/V Strait Explorer*.
- Duties • In charge of the survey.
- Date • September-October, 2010.
- Employer • Dalhousie University.
- Position • Co-chief scientist. Project OBWAVE. 2D ocean bottom seismometer survey of the Orphan Basin. On *R/V Strait Explorer*.
- Duties • In charge of the survey together with other co-PIs.
- Date • June-August, 2008.
- Employer • Columbia University.
- Position • Co-chief scientist. Project EPR 3D. 3D multichannel seismic survey of the East Pacific Rise at 9°50'N. First academic 3D MCS cruise with multiple source & receiver arrays. Cruise MGL0812 on *R/V Marcus G. Langseth*.
- Duties • In charge of the survey together with other co-PIs.
- Date • July, 2007.
- Employer • Dalhousie University.
- Position • Co-chief scientist. Project ROSE - Reflection Ocean Seismic Experiment. Hydrographic survey of the Gulf Stream offshore Nova Scotia, Canada, coincident with parts of the UNCLOS MCS survey. Cruise EN438 on *R/V Endeavor*. Groundtruthing seismic oceanography.
- Duties • Designed and carried out XBT and CTD surveys.
- Date • November, 2006.
- Employer • Columbia University.
- Position • Lead geophysicist. GPS study of current deformation across Calabria, S. Italy.
- Duties • Installation of a GPS profile of nine permanent stations.
- Date • July and August, 2002.
- Employer • Columbia University.
- Position • Acquisition geophysicist. Multichannel seismic survey EW0207 on *R/V Maurice Ewing*. Juan de Fuca ridge and its flanks. Structure and evolution of intermediate-spreading Juan de Fuca ridge and its flanks.
- Duties • Controlled data quality and produced initial seismic sections.
- Date • August, 2001.
- Employer • Geological Survey of Canada.
- Position • Acquisition geophysicist. High-resolution seismic reflection survey. Accretionary prism offshore Vancouver Island. Exploration for gas hydrates.
- Duties • Controlled data quality and produced initial seismic sections.
- Date • November, 1997.
- Employer • Geological Survey of Canada.
- Position • Acquisition geophysicist. Crustal scale seismic reflection survey. NW Ontario, Canada. Western Superior transect, Lithoprobe Project.

- Duties
- Controlled quality of data acquired by the contracted company.
- Date
- July, 1997.
- Employer
- University of Toronto.
- Position
- Acquisition geophysicist. Marine transient EM and compliance surveys. Continental shelf by the Vancouver Island. Exploration for methane hydrates.
- Duties
- Controlled data quality during the acquisition.
- Date
- December, 1996.
- Employer
- University of Toronto.
- Position
- Acquisition geophysicist. Small scale 3D resistivity and IP survey. Fort York, Toronto, Canada. Geophysical applications in archeology.
- Duties
- Laid-out, checked and picked-up instrumentation.
- Date
- July, 1996.
- Employer
- Geological Survey of Canada.
- Position
- Acquisition geophysicist. Crustal scale seismic refraction experiment. Western Superior transect. Lithoprobe Project.
- Duties
- Laid-out, checked and picked-up instrumentation by land and air.
- Date
- December, 1994.
- Employer
- University of Toronto.
- Position
- Acquisition geophysicist. Engineering scale 3D seismic reflection survey. East of Toronto in Durham Region.
- Duties
- Laid-out, checked and picked-up instrumentation.
- Date
- October, 1991 - January, 1993.
- Employer
- Geophysical Institute, NIS-NAFTAGAS.
- Position
- Acquisition geophysicist. Numerous 2D and 3D seismic reflection surveys in the southeastern Panonian Basin.
- Duties
- Designed surveys and supervised data collection.

Teaching experience

- Date
- Fall session 2014.
- Employer
- Department of Earth Sciences, Dalhousie University.
- Position
- Lecturer for graduate course Special Research Topics: Late Quaternary Geology of the Southern Beaufort Sea. (*Co-developed course.*)
- Duties
- Assignment and evaluation of bimonthly student presentations based on sections of textbooks and journal publications.
- Date
- Winter sessions 2009-2012.
- Employer
- Department of Earth Sciences, Dalhousie University.
- Position
- Lecturer for undergraduate/graduate course “Advanced Seismic Imaging”. (*Co-developed course.*)
- Duties
- One 1 hour lecture and 3 hour lab every week. Evaluated lab assignments.

- Date • Fall session 2010; Winter sessions 2014-2015.
Employer • Department of Earth Sciences, Dalhousie University.
Position • Lecturer for undergraduate/graduate course “Introduction to Seismic Imaging”. (*Co-developed course.*)
Duties • One 1 hour lecture and 3 hour lab every week. Evaluated lab assignments.
- Date • Fall and Winter sessions 2007-2012.
Employer • Department of Earth Sciences, Dalhousie University.
Position • Lecturer for graduate course “Research Design and Scientific Presentation”.
Duties • One 4 hour lecture every other week. Guided graduate students to develop thesis proposals and presentations.
- Date • Winter sessions 2007-2012; 2014.
Employer • Department of Earth Sciences, Dalhousie University.
Position • Lecturer for course “Introduction to Applied Geophysics”. (*Developed course.*)
Duties • Three lectures & one tutorial/lab per week. Three/Four day field camp at the end of semester. Evaluated lab and field work, and mid-term and final exams.
- Date • Winter sessions 1998-1999 and 1999-2000.
Employer • Department of Physics, University of Toronto.
Position • Lab demonstrator and teaching assistant for the engineering and physics courses “Shallow Crust Geophysics”, “Experimental Applied Geophysics”, “Introduction to Archaeometry”, and “Physics and Archeology”.
Duties • Two lab periods per week. Evaluated lab work, lab write-ups, and oral exams.
- Date • Winter sessions from 1993 to 2000, and summer sessions 1995-97 and 1999.
Employer • Department of Physics, University of Toronto.
Position • Lab demonstrator for first year physics courses.
Duties • Two lab periods per week. Evaluated lab work, lab write-ups, formal reports and written exams.

Refereed publications

In late stages of preparation

- 2015 [49] Nedimović, M. R., Aghaei, O., Carbotte, S. M., Carton, H. and Canales, J. P., An emerging new view on oceanic crustal formation: The fast-spreading East Pacific Rise between $9^{\circ}37.5'$ and $9^{\circ}57'N$, to be submitted to *Science/Nature* in August 2015.
- 2015* [48] Aghaei, O., Nedimović, M. R., Canales, J. P., Carbotte, S. M. and Carton, H., Application of amplitude variation with angle of incidence technique to constrain melt content of two large mid-crustal off-axis melt lenses imaged at the East Pacific Rise from $9^{\circ}37.5'$ to $9^{\circ}57'N$, to be submitted to *Earth Planet. Sci. Lett.* in July 2015.
- 2015* [47] Biescas, B., Ruddick, B., Kormann, J., Sallares, V. and Nedimović, M. R., Acoustic exploration system for physical oceanography, to be submitted to *Journal of Marine Systems* in July 2015.

- 2015* [46] Li, J., Shillington, D. J., Bécel, A., Nedimović, M. R., Webb, S. C., Abers, G. A., Keranen, K. M. and Kuehn, H., Downtip variations of seismic reflection signature and implications for structure and seismogenic behavior in the Alaska subduction zone, to be submitted to *J. Geophys. Res. Solid Earth* in July 2015.
- 2015* [45] Han, S., Carbotte, S. M., Carton, H., Nedimović, M. R., Canales, J. P., Gibson, J. C. and Horning, G., Seismic reflection imaging of faults and lower crustal ridgeward dipping shear zones across the Juan de Fuca plate: Determining the subduction bending-related component of the faulting, to be submitted to *J. Geophys. Res. Solid Earth* in July 2015.

Submitted or in revision

- 2015 [44] Shillington, D. J., Bécel, A., Nedimović, M. R., Kuehn, H., Webb, S. C., Abers, G. A., Keranen, K. M., Li, J., Delescluse, M. and Mattei-Salicrup, G. A., Controls on abrupt changes in faulting, hydration and seismicity in the Alaska subduction zone, *Nature Geosci.*, in review.
- 2015* [43] Forde, T. C., Nedimović, M. R., Gibling, M. R. and Forbes, D. L., Coastal evolution over the past 3000 years at Conrads Beach, Nova Scotia: the influence of local sediment supply on a transgressive system, *Estuaries and Coasts*, accepted pending minor revision.

Published or in press

- 2015* [42] Marjanović, M., Carton, H., Carbotte, S. M., Nedimović, M. R., Mutter, J. C. and Canales, J. P., Distribution of melt along the East Pacific Rise from 9⁰30' to 10⁰N from an amplitude variation with angle of incidence (AVA) technique, *Geophys. J. Int.* in press.
- 2015* [41] Lau, H., Watremez, L., Loudon, K. E. and Nedimović, M. R., Structure of thinned continental crust across the Orphan Basin from a dense wide-angle seismic profile, *Geophys. J. Int.*, in press.
- 2015* [40] Bécel, A., Shillington, D. J., Nedimović, M. R., Webb, S. C. and Kuehn, H., Origin of dipping reflections in the lower crust formed at fast-to-intermediate spreading rates, *Earth Planet. Sci. Lett.*, Vol. 424, doi:10.1016/j.epsl.2015.05.016, 26-37.
- 2015* [39] Watremez, L., Lau, H., Nedimović, M. R. and Loudon, K. E., Traveltime tomography of a dense wide-angle profile across Orphan Basin, *Geophysics*, Vol. 80, No. 3, doi:10.1190/GEO2014-0377.1, B69-B82.
- 2014* [38] Marjanović, M., Carbotte, S. M., Carton, H., Nedimović, M. R., Mutter, J. C. and Canales, J. P., A multi-sill magma plumbing system beneath the axis of the East Pacific Rise, *Nat. Geosci.*, Vol. 7, doi:10.1038/NCEO2272, 825-829.
- 2014 [37] Arnulf, A., Harding, A., Kent, G., Carbotte, S. M., Canales, J. P., Nedimović, M. R., Anatomy of an active submarine volcano, *Geology*, Vol. 48, No. 8, doi:10.1130/G35629.1, 655-658.

- 2014* [36] Biescas, B., Ruddick, B., Nedimović, M. R., Sallarès, V., Bornstein, G. and Mojica, J. F., Recovery of temperature, salinity and potential density from ocean reflectivity, *J. Geophys. Res. Oceans*, Vol. 119, doi:10.1002/2013JC009662, 3171-3184.
- 2014 [35] Xu, M., Canales, J. P., Carbotte, S. M., Carton, H., Nedimović, M. R. and Mutter, J. C., Variations in axial magma lens properties along the East Pacific Rise (9°30'-10°00') from swath 3D seismic imaging and 1D waveform inversion, *J. Geophys. Res. Solid Earth*, Vol. 119, doi:10.1002/2013JB010730, 2721-2744.
- 2014* [34] Aghaei, O., Nedimović, M. R., Carton, H., Canales, J. P., Carbotte, S. M. and Mutter, J. C., Crustal thickness and Moho character of the fast-spreading East Pacific Rise from 9°42'-57'N from poststack-migrated 3D MCS data, *Geochem. Geophys. Geosyst.*, Vol. 15, doi:10.1002/2013GC005069, 634-657.
- 2014 [33] Han, S., Carbotte, S. M., Carton, H., Mutter, J. C., Aghaei, O., Nedimović, M. R. and Canales, J. P., Architecture of off-axis magma bodies at EPR 9°37'-40'N and implications for oceanic crustal accretion, *Earth Planet. Sci. Lett.*, Vol. 390, doi:10.1016/j.epsl.2013.12.040, 31-44.
- 2013 [32] Carbotte, S. M., Marjanović, M., Carton, H., Mutter, J. C., Canales, J. P., Nedimović, M. R., Han, S. and Perfit, M. R., Fine-scale segmentation of the crustal magma reservoir beneath the East Pacific Rise, *Nat. Geosci.* Vol. 6, doi:10.1038/NGEO1933, 866-870.
- 2012* [31] Gerlings, J., Louden, K. E., Minshull, T. A. and Nedimović, M. R., The Flemish Cap - Goban Spur conjugate margins: New evidence of asymmetry, *Geology*, Vol. 40, doi:10.1130/G33263.1, 1107-1110.
- 2012 [30] Canales, J. P., Carton, H., Mutter, J. C., Harding, A., Carbotte, S. M. and Nedimović, M. R., Recent advances in multichannel seismic imaging for academic research in deep oceanic environments, *Oceanography*, Vol. 25, No. 1, <http://dx.doi.org/10.5670/oceanog.2012.09>, 113-115.
- 2012 [29] Carbotte, S. M., Canales, J. P., Nedimović, M. R., Carton, H. and Mutter, J. C., Recent seismic studies at the East Pacific Rise 8°20'-10°10'N and Endeavour Segment: Insights into mid-ocean ridge hydrothermal and magmatic processes, *Oceanography*, Vol. 25, No. 1, <http://dx.doi.org/10.5670/oceanog.2012.08>, 100-112.
- 2012 [28] Canales, J. P., Carton, H., Carbotte, S. M., Mutter, J. C., Nedimović, M. R., Hu, M., Aghaei, O., Marjanović, M. and Newman, K. R., Network of off-axis melt bodies at the East Pacific Rise, *Nat. Geosci.*, Vol. 5., DOI: 10.1038/NGEO1377, 279-283.
- 2011 [27] D'Agostino, N., D'Anastasio, E., Gervasi, A., Guerra, I., Nedimović, M. R., Seeber, L. and Steckler, M., Forearc extension and slow rollback of the Calabrian Arc from GPS measurements, *Geophys. Res. Lett.*, Vol. 38, L17304, doi:10.1029/2011GL048270, 1-6.

- 2011* [26] Marjanović, M., Carbotte, S. M., Nedimović, M. R. and Canales, J. P., Gravity and seismic study of crustal structure along the Juan de Fuca Ridge axis and across pseudofaults on the ridge flanks, *Geochem. Geophys. Geosyst.*, Vol. 12, No. 5, Q05008, doi:10.1029/2010GC003439, 1-22.
- 2011* [25] Newman, K. R., Nedimović, M. R., Canales, J. P. and Carbotte, S. M., Evolution of seismic layer 2B across the Juan de Fuca Ridge from hydrophone streamer 2D travelttime tomography, *Geochem. Geophys. Geosyst.*, Vol. 12, No. 5, Q05009, doi:10.1029/2010GC003462, 1-24.
- 2011* [24] Delescluse, M., Nedimović, M. R. and Louden, K. E., 2D waveform tomography applied to long-streamer MCS data from the Scotian slope, *Geophysics*, Vol. 76, No. 4, doi:10.1190/1.3587219, B151-B163, .
- 2010* [23] Mirshak, R., Nedimović, M. R., Greenan, B. J. W., Ruddick, B. R. and Louden, K. E., Coincident reflection images of the Gulf Stream from seismic and hydrographic data, *Geophys. Res. Lett.*, Vol. 37, L05602, doi:10.1029/2009GL042359, 1-5.
- 2010 [22] Baran, J. M., Carbotte, S. M., Cochran, J. R. and Nedimović, M. R., Upper crustal seismic structure along the South East Indian Ridge: Evolution from 0 to 550 ka and variation with axial morphology, *Geochem. Geophys. Geosyst.*, Vol. 11, No. 3, Q02001, doi:10.1029/2009GC002629, 1-22.
- 2009 [21] Mutter, J. C., Carbotte, S. M., Nedimović, M. R., Canales, J. P. and Carton, H., Seismic imaging in three dimensions on the East Pacific Rise, *Eos Trans. AGU*, 90(42), 374-375.
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- 2008 [18] Nedimović, M. R., Carbotte, S. M., Diebold, J. B., Harding, A. J., Canales, J. P. and Kent, G. M., Upper crustal evolution across the Juan de Fuca ridge flanks, *Geochem. Geophys. Geosyst.*, Vol. 9, No. 9, Q09006, doi:10.1029/2008GC002085, 1-23.
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- 2006 (Invited) [15] Nedimović, M. R. and Bangs, N. L., Mapping great earthquake rupture areas, *in* *Imaging Earth History Beneath the Ocean Floor; Three Decades of Major Scientific Accomplishments*, Advisory Board: Holbrook, W. S., Menke, W., Solomon, S., Tucholke, B., *NSF Booklet*, 7.
- 2006 (Invited) [14] Nedimović, M. R., Crustal structure and seismicity at subduction zones, *Zapisnici Srpskog Geološkog Društva (Records of the Serbian Geological Society)*, 2004-5 Vol., 51-66.
- 2006 [13] Hayward, N., Nedimović, M. R., Calvert, A. J. and Cleary, M., Structural variation along the Devils Mountain fault zone, Northwestern Washington, *Can. J. Earth Sci.*, Vol. 43, No 4, 433-446.
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- 2003 [6] Nedimović, M. R., Hyndman, R. D., Ramachandran, K. and Spence G. D., Reflection signature of seismic and aseismic slip on the northern Cascadia subduction thrust, *Nature*, Vol. 424, 416-420.

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- 1998 [3] White, D., Forsyth, M., Nedimović, M. R., Perron, G., Carroll, P., van der Valden, A., Hall, K. and Harrap, R., 1997 seismic reflection data acquisition in the Western Superior transect, Western Superior Lithoprobe Transect Fourth Annual Workshop, Lithoprobe Report #65, Lithoprobe Secretariat, University of British Columbia.
- 1997 [2] Nedimović, M. R. and West, G. F., Losing signal by doing and undoing NMO?, *LSPF Newsletter*, **10**, 21-23.
- 1997 [1] Nedimović, M. R. and West, G. F., Elevation correction module, *LSPF Newsletter*, **10**, 20.

Note: • **Electronic versions of all abstracts are available upon request. Star (*) indicates work by a graduate student or a postdoc supervised by Nedimović.**

Funding

- 2015-2017 [32] Nedimović, M. R. (PI); Awarded by the Offshore Energy Research Association of Nova Scotia; Amount \$200,000 (100,000 per year); Title: “Extensional tectonics across the northern Nova Scotia margin from ocean bottom seismic data”.
- 2013-2019 [31] Wallace, D. (PI) with several co-PIs and collaborators; Nedimović, M. R. joined as a co-PI in 2015; Awarded by the Natural Sciences and Engineering Research Council of Canada CREATE Program; Amount \$1,650,000 (3,000 per year); Title: “Transatlantic Ocean System Science and Technology (TOSST)”.
- 2014-2019 [30] Nedimović, M. R. (PI); Awarded by the Natural Sciences and Engineering Research Council of Canada Discovery Program; Amount \$260,000 (52,000 per year); Title: “Seismic study of subduction zones, rifted margins and mid-ocean ridges”.
- 2014-2016 [29] Shillington, D. J. (PI), Nedimović, M. R. and Bécel, A. (co-PIs); Awarded by the United States National Science Foundation; Award Number EAR-1347312; Amount \$268,709 (Lamont part); Title: ‘Collaborative Research: The Aleutian megathrust from trench to base of the seismogenic zone; integration and synthesis of laboratory, geophysical and geological data”.
- 2014-2017 [28] Fulthorpe, C. (PI), Nedimović, M. R. and Austin, J. (co-PIs); Awarded by the United States National Science Foundation; Award Number OCE-12-59487; Amount \$226,155 (UTIG part); Title: “Collaborative research: Community-based 3D imaging that ties clinoform geometry to facies successions and Neogene sea-level change”. Estimated cost of data acquisition is ~\$2,000,000.
- 2014-17 [27] Cannat, M., Singh, S., Escartin, J., Crawford, W., Leroy, S., d’Acremont, E., Sauter, D., Manatschal, G., Autin, J., Nedimović, M. R., Watremez, L. and Loudon, K. E. (PIs); Awarded by Flotte Oceanographique Francaise; Amount 36 days of ship time on *R/V Marion Dufresne*; Title: “SEISMO-SMOOTH: 2D and 3D MCS and OBS characterization of exhumed ultramafic seafloor across the SW Indian Ridge ”. Estimated cost of data acquisition is ~2,000,000 euros.

- 2013 [26] Louden, K. E. and Nedimović, M. R. (PIs); NSERC Discovery - Ship Time Grant; Amount \$137,380; Title: “Seismic characterization of exhumed ultramafic seafloor on the SW Indian Ridge”; Partial support for ship time on *R/V Marion Dufresne*, the French ship that will be used for data acquisition in winter 2014 (see funding 26).
- 2012-2015 [25] Carbotte, S. M. (PI), Nedimović, M. R. and Carton, H. (co-PIs); Awarded by the United States National Science Foundation; Award Number OCE-10-29411; Amount \$599,376 (Lamont part); Title: “Collaborative research: Evolution and hydration of the Juan de Fuca crust and uppermost mantle: a plate-scale seismic investigation from ridge to trench”. Estimated cost of data acquisition is ~\$2,000,000.
- 2011-2016 [24] Nedimović, M. R. (PI); Awarded by the Canada Research Chair Program; Amount \$500,000 (100,000 per year); Chair Title: “Canada Research Chair in Geophysics”; Research Title: “Investigations of mid-ocean ridges, subduction zones and passive margins”.
- 2011 [23] Nedimović, M. R. and Louden, K. E. (PIs); Awarded by Shell Experimental Learning Fund (SELF); Amount \$9,600; Title: “Analysis of ALEUT longstreamer MCS data for determining Alaska megathrust earthquake hazards”; Funding for a part of the academic year for one graduate student, Harold Kuehn.
- 2011 [22] Nedimović, M. R. and Louden, K. E. (PIs); Awarded by Shell Experimental Learning Fund (SELF); Amount \$9,600; Title: “Structure of the continent-ocean transition in deep water region offshore Nova Scotia ”; Funding for one undergraduate summer student, Aaron Farkas.
- 2010-2013 [21] Louden, K. E. and Nedimović, M. R. (PIs); Awarded by ExxonMobil; Amount \$3,260,000; Title: “Orphan Basin wide angle ocean bottom seismic acquisition and data analysis”.
- 2010 [20] Gibling, M. R. and Nedimović, M. R. (PIs); Awarded by Shell Experimental Learning Fund (SELF); Amount \$14,000; Title: “History of coastal dunes in Nova Scotia and Prince Edward Island”; Funding for two undergraduate summer students, Darragh O’Connor and Peter Regan.
- 2010 [19] Louden, K. E. (PI), Nedimović, M. R. (co-PI); Awarded by the Offshore Energy Technical Research (OETR) Association; Amount \$91,000; Title: “Refraction crustal models and plate reconstruction”.
- 2010 [18] Louden, K. E. (PI) and Nedimović, M. R. (co-PI); Awarded by NSERC Discovery - Ship Time Grant; Amount \$212,475; Title: “Seismic and thermal measurements on the Nova Scotia slope”; Ten days of data acquisition summer 2010 using *CCGS Hudson*.
- 2010-2013 [17] Shillington, D. J. (PI), Nedimović, M. R., Webb, S. C. and Diebold, J. B. (co-PIs); Awarded by the United States National Science Foundation; Award Number OCE-09-26614; Amount \$681,153; Title: “Megathrust seismic hazards by reflection mapping”. Estimated cost of data acquisition is ~\$2,500,000.

- 2009-2014 [16] Nedimović, M. R. (PI); Awarded by the Natural Sciences and Engineering Research Council of Canada Discovery Program; Amount \$200,000 (40,000 per year); Title: “Seismic imaging of mid-ocean ridges and passive margins”.
- 2009-2012 [15] Nedimović, M. R. (PI), Webb, S. C. and Diebold, J. B. (co-PIs); Awarded by the United States National Science Foundation; Award Number OCE-06-23023; Amount \$636,499; Title: “Megathrust seismic hazards by reflection mapping”. Estimated cost of data acquisition for is ~\$2,500,000. NOTE: Due to ship unavailability NSF has “defunded” this project 25 months after we were informed that they plan to fund it.
- 2008 [14] Louden, K. E. (PI) and Nedimović, M. R. (co-PI); Awarded by NSERC Discovery - Ship Time Grant; Amount \$252,408; Title: “Seismic and thermal measurements on the Nova Scotia slope”; Eight days of data acquisition in July 2008 using *CCGS Hudson*.
- 2007 [13] Nedimović, M. R. and Adam, J. (PIs); Awarded by Shell Experimental Learning Fund (SELF); Amount \$16,000; Title: “Interaction of sedimentation and allochthonous salt canopy systems at the deepwater slopes of passive margins”; Funding for two undergraduate summer students, Eric Negulić and Matthew Kliffer.
- 2007-2010 [12] Louden, K. E. (PI), Nedimović, M. R. and Mukhopadhyay, P. K. (co-PIs); Awarded by the Offshore Energy Technical Research (OETR) Association; Amount \$300,000; Title: “Analysis of petroleum systems on the Scotian slope using thermal and seismic techniques”.
- 2007-2010 [11] Nedimović, M. R. (PI), Louden, K. E., Ruddick, B. R. and Enachescu, M. (co-PIs); Awarded by the Natural Sciences and Engineering Research Council of Canada; Award Number 342308/06; Amount \$489,465; Title: “Seismic imaging of the ocean and crust off eastern Canada”.
- 2007-2010 [10] Carbotte, S. M. (PI) and Nedimović, M. R. (co-PI); Awarded by the United States National Science Foundation; Award Number OCE-06-48303; Amount \$173,519 (Lamont part); Title: “Collaborative research: Seismic structure and evolution of oceanic crust along the Juan de Fuca ridge and its flanks”.
- 2006-2011 [9] Nedimović, M. R. (PI); Awarded by the Canada Research Chair Program; Amount \$500,000 (100,000 per year); Chair Title: “Canada Research Chair in Geophysics-Petroleum Exploration”; Research Title: ”Seismic hazards, paleoclimate reconstruction, and petroleum exploration”.
- 2006 [8] Nedimović, M. R. (PI); Awarded by the Canadian Foundation for Innovation and Nova Scotia Research and Innovation Trust; Amount \$312,500; Title: “Imaging, visualization and interpretation lab for seismic hazards, climate change, and petroleum exploration studies”.
- 2006-2009 [7] Nedimović, M. R. (PI); Awarded by the Natural Sciences and Engineering Research Council of Canada Discovery Program; Amount \$56,700 (18,900 per year); Title: “Subduction zone seismic hazards, oceanic crust evolution, and paleoclimate reconstruction”.

- 2006-2009 [6] Steckler, M. S. (PI), Finkel, R. C., Lavier, L. L., Malinverno, A., Nedimović, M. R., Schaefer, J. M., Seeber, L., Stark, C. P., Thompson, S. N. and Willet, S. D. (co-PIs); Awarded by the United States National Science Foundation; Amount \$2,200,000; Title: “Collaborative research: Uplift and faulting at the transition from subduction to collision - a field and modeling study of the Calabrian arc”.
- 2006-2008 [5] Nedimović, M. R. (PI); Awarded by the United States National Science Foundation; Award Number OCE-0624401; Amount \$168,972; Title: “Deep magmatic plumbing of the lower crust and uppermost mantle at the East Pacific Rise at 9^o50’N by 3D multichannel seismics”; Cost of data acquisition ~\$4,000,000 USD.
- 2006-2009 [4] Nedimović, M. R. (PI), Webb, S. C. and Diebold, J. B. (co-PIs); Awarded by the United States National Science Foundation; Award Number OCE-04-52792; Amount \$611,391; Title: “Megathrust seismic hazards by reflection mapping”. Estimated cost of data acquisition is ~\$2,500,000. NOTE: Due to budget cuts NSF has “defunded” this project 10 months after we were informed that they plan to fund it.
- 2006-2009 [3] Nedimović, M. R. (PI) and Christie-Blick, N. (co-PI); Award Number OCE-04-53904; Amount \$319,649 (Lamont part); Title: “Collaborative research: 3D MCS imaging and waveform analysis of Miocene sequences offshore New Jersey”. In collaboration with Mountain, G. S. (PI) and Miller, K. G. (co-PI) from Rutgers University. Estimated cost of data acquisition is ~\$1,350,000. NOTE: Due to budget cuts NSF has “defunded” this project 6 months after we were informed that they plan to fund it.
- 2006-2009 [2] Nedimović, M. R. and Blumberg, D. (PIs); Awarded by the Climate Center Committee supported by the Vetlesen Foundation; Amount \$5,500; Title: “Paleoclimate reconstruction of the Late Quaternary and evolution of aeolian sand encroachments in the northwestern Negev Desert”; Data acquisition is planned for year 2008.
- 2004-2006 [1] Nedimović, M. R. (PI) and Carbotte, S. M. (co-PI); Awarded by the United States National Science Foundation; Award Number OCE-0424966; Amount \$82,722; Title: “Crossdip processing of swath 3D seismic reflection data”.

Editorship

- 2008-
 - Associate Editor for *Journal of Geophysical Research - Solid Earth*.

Invited seminars and short courses

- 2014
 - Formation of oceanic crust at fast and intermediate spreading rates. Observatoire de la Cote d’Azur and CNRS, Nice.
- 2014
 - Formation of oceanic crust at fast and intermediate spreading rates. University of Toronto, Toronto, Ontario.

- 2014 • Accretion, structure and evolution of oceanic plates formed at intermediate to fast spreading rates. Nanjing University, Nanjing, China.
- 2013 • 3D structure from crooked-line land and feathered marine 2D seismic reflection surveys. Institut de Physique du Globe de Paris, Paris, France.
- 2013 • Juan de Fuca plate from accretion to subduction. École Normale Supérieure, Paris, France.
- 2012 • Short course on extracting 3D structure from crooked-line land and feathered marine 2D seismic reflection surveys. Observatoire de la Cote d'Azur and CNRS, Nice, France.
- 2012 • Are OBS data useful for deepwater petroleum exploration? Insights from the OBWAVE experiment offshore Newfoundland. CNRS, Nice, France.
- 2012 • Juan de Fuca plate from accretion to subduction. Observatoire de la Cote d'Azur, Nice, France.
- 2012 • Juan de Fuca plate from accretion to subduction. The University of Texas at Austin Institute for Geophysics, Austin, Texas.
- 2011 • Methods of seismic refraction data analysis for the OBWAVE Project. Exxon-Mobil Upstream Research Company, Houston, Texas.
- 2011 • Juan de Fuca oceanic plate from birth to death. Geological Survey of Canada - Atlantic, Halifax, Nova Scotia.
- 2010 • Upcoming study of the Alaska/Aleutian subduction zone (Sept 2010): Mapping megathrust properties and hazards using controlled source marine seismic data. Geophysical Institute, University of Alaska, Fairbanks, Alaska. (*Donna Shillington and Mladen Nedimović.*)
- 2010 • Traveltime and waveform tomography applied to long-streamer data; opportunities in dense OBS deployments. R/V Marcus G. Langseth Workshop: Challenges and Opportunities in Academic Marine Seismology, Incline Village, Nevada.
- 2009 • Structure and evolution of the Juan de Fuca plate from accretion to subduction. "Distinguished Lecturer" series at the Department of Geology and Geophysics, Wyoming University, Laramie, Wyoming.
- 2009 • Upper crustal evolution across the Juan de Fuca ridge flanks. Department of Oceanography, Dalhousie University, Halifax, Nova Scotia.
- 2007 • Calabria GPS network: Site reconnaissance and installation. Calabria Workshop, Lamont-Doherty Earth Observatory of Columbia University, Palisades, New York.
- 2007 • Study of the Atlantic margins of Brazil and Angola. ExxonMobil Upstream Research Company, Houston, Texas. (*Harm van Avendonk and Mladen Nedimović.*)
- 2006 • Structure and evolution of the oceanic Juan de Fuca plate from accretion to subduction. Scripps Institution of Oceanography, San Diego, California.

- 2006 • 3D structure from 2D seismic reflection surveys. The University of Texas at Austin Institute for Geophysics, Austin, Texas.
- 2005 • 3D structure from 2D seismic reflection surveys. Department of Earth Sciences, Dalhousie University, Halifax, Nova Scotia.
- 2005 • Structure and evolution of the oceanic Juan de Fuca plate from accretion to subduction. Department of Earth Sciences, Dalhousie University, Halifax, Nova Scotia.
- 2005 • Structure, evolution and seismicity of the oceanic Juan de Fuca plate from accretion to subduction. Department of Geology and Geophysics, University of Hawaii, Manoa, Hawaii.
- 2005 • Structure, evolution and seismicity of the oceanic Juan de Fuca plate from accretion to subduction. The University of Texas at Austin Institute for Geophysics, Austin, Texas.
- 2005 • Structure, evolution and seismicity of the oceanic Juan de Fuca plate from accretion to subduction. Department of Earth Sciences, Syracuse University, Syracuse, New York.
- 2004 • 3D structure from 2D seismic reflection surveys. NIS-Naftagas, Belgrade, Serbia and Montenegro.
- 2004 • Crustal structure and seismic activity at subduction zones. Serbian Geological Society and Division for Geophysics, University of Belgrade, Belgrade, Serbia and Montenegro.
- 2004 • From accretion to subduction: Structure and evolution of the oceanic Juan de Fuca plate. Department of Geology, University of Toronto, Toronto, Ontario.
- 2004 • Three short seismic stories from the Cascadia margin. Department of Geology and Geophysics, Woods Hole Oceanographic Institution, Woods Hole, Massachusetts.
- 2004 • Controlled source imaging of the Cascadia margin. Waveform Tomography 2004: Beyond the First Arrival; A workshop and a short course, Department of Geological Sciences and Geological Engineering, Queen's University, Kingston, Ontario.
- 2004 • Reflection signature of seismic and deep aseismic slip on subduction thrust. Department of Geology and Geophysics, College of Geosciences, Texas A&M University, College Station, Texas.
- 2004 • 3D structure from 2D seismic reflection surveys. Department of Geology and Geophysics, College of Geosciences, Texas A&M University, College Station, Texas.
- 2003 • Reflection imaging: 2D surveys - 3D structure. Department of Geology and Geophysics, University of Hawaii, Manoa, Hawaii.
- 2003 • Reflection signature of seismic and aseismic slip on the northern Cascadia subduction thrust. Seismology, Geology and Tectonophysics Seminar Series at the Lamont-Doherty Earth Observatory, Columbia University, Palisades, New York.

- 2003 • 3D structure from 2D seismic reflection surveys. Marine Geology and Geophysics Seminar Series at the Lamont-Doherty Earth Observatory, Columbia University, Palisades, New York.
- 2001 • Extracting 3D structure from 2D land and marine seismic reflection data: Examples from Ontario and Philippine Sea. Department of Geosciences, University of Manitoba, Winnipeg, Manitoba.
- 2001 • 3D structure from 2D crooked line seismic reflection data. School of Earth and Ocean Sciences, University of British Columbia, Vancouver, British Columbia.
- 1999 • Seismic reflection imaging in crystalline terrains: Major challenges and suggested solutions. Pacific Geoscience Centre, Geological Survey of Canada, Sidney, British Columbia.

Postdoctoral supervision and research associates

- 2011-2013 • Anne Bécel, Post Doctorate Fellow, Columbia University. Now Lamont Assistant Research Professor, Columbia University, New York, USA
- 2011-2014 • Berta Biescas, Marie Currie International Post Doctorate Fellow, Dalhousie University. Now researcher at the Unidad de Tecnología Marina - Consejo Superior de Investigaciones Científicas, Barcelona, Spain.
- 2010-2013 • Louise Watremez, Post Doctorate Fellow, Dalhousie University. Now Research Associate at the University of Southampton, Southampton, UK.
- 2010- • Helen Lau, Research Associate, Dalhousie University.
- 2008-2010 • Matthias Delescluse, Post Doctorate Fellow, Dalhousie University. Now professor at École Normale Supérieure in Paris, France.
- 2008-2009 • Ramzi Mirshak, Post Doctorate Fellow, Dalhousie University. Now with the Defence Research and Development Canada, Ottawa, Canada.
- 2007-2010 • Helene Carton, Post Doctorate Research Scientist, Columbia University. Now Assistant Professor, University Pierre et Marie Curie (Paris VI), Paris, France.

Graduate student supervision

- 2015- • Masoud Aali, Ph.D. student, Dalhousie University.
- 2015- • Yasin ElFaruk, M.Sc. student, Dalhousie University; Scholarships received: Full scholarship from Libya.
- 2013- • Dustin Whalen, M.Sc. student, Dalhousie University; Scholarships received: Geological Survey of Canada Scholarship.
- 2013-2014 • Aaron Farkas, M.Sc. student, Dalhousie University. Dropped out to pursue other interests.
- 2011- • Harold Kuehn, Ph.D. student, Dalhousie University.
- 2010-2014 • Tanya Forde, M.Sc. student, Dalhousie University; Scholarships received: Lew King Award.

- 2008-2010 • Eric Negulic, M.Sc. student, Dalhousie University; Scholarships received: Pengrowth Nova Scotia Petroleum Innovation Grant. Now with Baffinland Iron Mines Corporation, Mary River, Nunavut, Canada.
- 2007-2013 • Omid Aghaei, Ph.D. student, Dalhousie University; Scholarships received: Nedimović Family Graduate Scholarship. Now with Shell Canada, Calgary, Canada.
- 2007-2009 • Cody MacDonald, M.Sc. student, Dalhousie University; Scholarships received: Pengrowth Nova Scotia Petroleum Innovation Grant. Now with ExxonMobil, Houston, USA.
- 2007-2010 • Clarke Campbell, M.Sc. student, Dalhousie University; Scholarships received: Pengrowth Nova Scotia Petroleum Innovation Grant. Now with Talisman in Calgary, Canada.
- 2007-2009 • Jonathan Cribb, M.Sc. student, Dalhousie University; Scholarships received: Pengrowth Nova Scotia Petroleum Innovation Grant. Now with Shell Canada, Calgary, Canada.
- 2006-2013 • Milena Marjanović, Ph.D. student, Columbia University; Scholarships received: Columbia University Graduate Scholarship; SEG Scholarship. Now Maria Currie Postdoctoral Fellow at the Institut de Physique du Globe, Paris, France.

Undergraduate student supervision

- 2014 • Mitch Grace, honours thesis student, Dalhousie University; B.Sc. thesis title: Seismic reflection imaging of the incoming plate in the Alaska subduction zone.
- 2012 • Adam Bartlett, summer student, Dalhousie University; Funded by NSERC USRA.
- 2011 • Aaron Farkas, summer student, Dalhousie University; Funded by Shell's SELF Program.
- 2010 • Peter Regan, summer student, Dalhousie University; Funded by Shell's SELF Program.
- 2010 • Darragh O'Connor, summer student, Dalhousie University; Funded by Shell's SELF Program.
- 2007 • Eric Negulic, summer and honors thesis student, Dalhousie University; Funded by Shell's SELF Program; B.Sc. thesis title: 4D thermal and petroleum systems modeling of the central Scotian slope in and around the eastern Shelburne sub-basin.
- 2007 • Matthew Kliffer, summer student, Dalhousie University; Funded by Shell's SELF Program.
- 2003 • Teresa Riehl, summer intern, Columbia University.
- 2002 • Karen Simon, honors thesis, University of Victoria.

Thesis supervisory and/or examining committee membership

- 2007 • Yue Wu, Ph.D. student, examining committee, Dalhousie Univ.
- 2007 • Karen Simon, M.Sc. student, examining committee, Dalhousie Univ.
- 2007-2011 • Sakalima Sikaneta, Ph.D. student, supervisory committee, Dalhousie Univ.
- 2006-2013 • Joanna Gerlings, Ph.D. student, supervisory committee, Dalhousie Univ.
- 2007-2009 • Dawn Kellet, Ph.D. student, supervisory committee, Dalhousie Univ.
- 2006-2009 • Virginia Brake, M.Sc. student, supervisory committee, Dalhousie Univ.

Thesis external supervisory and examination committee

- 2009- • External Ph.D. thesis committee member for Jordan Lee Hayes, Ph.D. candidate at the Department of Geology and Geophysics, University of Wyoming.
- 2008 • External examiner for Julie Smith, Memorial University; M.Sc. thesis titled: The southern margin of Flemish Cap, offshore Newfoundland: Processing and interpretation of seismological data provide insight into the rifting evolution.

Contributions as a reviewer

- 2000-present • Canada Research Chair Tier I
- Tenure and Promotion External Reviewer
- NSERC Discovery Grants
- NSF Programs (OCE, EAR, Margins, RIDGE2000, etc.)
- Nature
- Science
- Nature Geoscience
- Geology
- G-cubed
- Journal of Geophysical Research - Solid Earth
- Geophysical Journal International
- Geophysical Research Letters
- Economic Geology
- Geophysics
- Society of Petroleum Engineers - Reservoir Evaluation and Engineering

Other contributions (including administration at Dal)

- 2015-
 - Member of the Faculty of Science, Dalhousie University, Tenure and Promotions Committee.
- 2014-
 - Member of the Geosciences Evaluation Group (EG 1506) for the NSERC Discovery Program.
- 2014-2008-2010
 - Associate Chair at the Department of Earth Sciences, Dalhousie University.
- 2014-
 - Member of the Department of Earth Sciences, Dalhousie University, Chair Search Committee (external candidate search).
- 2014-
 - Member of the Department of Earth Sciences, Dalhousie University, Search Committee for a new tenure-track assistant professor.
- 2013-
 - Member of the Dalhousie University Promotions and Tenure Appeals Committee.
- 2012
 - Started Nedimović Family Graduate Scholarship in the Department of Earth Sciences, Dalhousie University, with a 50,000 dollar endowment.
- 2011-
 - Chair of the Department of Earth Sciences, Dalhousie University, Tenure and Promotions Committee.
- 2011-14
 - Member of the Department of Earth Sciences, Dalhousie University, Award Nominations Committee.
- 2010
 - Member of the MoHole Workshop steering committee, Kanazawa, Japan.
- 2009-10
 - Chair of the Department of Earth Sciences NSERC-IRC in Salt Tectonics search committee.
- 2010
 - Interviewed by Global Network Television.
- 2009
 - Member of the Faculty of Sciences CERC (Canada Excellence Research Chair) in Ocean Science and Technology search committee. Our CERC candidate was approved by the CERC Selection Board, along with only 18 other candidates for all of Canada. CERC receives 10,000,000 CAD funding from the federal government.
- 2008-2009
 - Member of the Faculty of Sciences search committee, Dalhousie University, for the Department of Economics Chair.
- 2006-2008
 - Member of the Steering, Technical and Publications committees for the Central Atlantic Conjugate Margins Conference, Halifax 2008.
- 2007
 - Member of the Department of Earth Sciences, Dalhousie University, Carnegie Chair Committee.
- 2007
 - Co-proponent for two IODP Missions: Mission Moho and Mission Continental Rifting and Breakup.
- 2006-11
 - Member of the Department of Earth Sciences, Dalhousie University, Graduate Studies Committee.
- 2006-11
 - Member of the Department of Earth Sciences, Dalhousie University, Computing Committee.

- 2006-11 • Representative of the Department of Earth Sciences on the Dalhousie University Science Library Committee.
- 2004-2007 • Worked with Paul Henkart from Scripps Institution of Oceanography on incorporating into SIOSEIS software my codes for swath 3D processing of crooked-line 2D land and feathered 2D marine seismic reflection data.
- 2006 • Interviewed by the Educational Program of Radio and Television Serbia about subduction zone earthquakes.
- 2006 • My contributions to understanding the complexities of the deep magmatic plumbing systems at mid-ocean ridges were featured in the Lamont-Doherty Earth Observatory Biennial Information Piece and the Lamont-Doherty Earth Observatory Biennial Report for years 2004-6, under the solid earth dynamics research.
- 2006 • Member of the LDEO Search Committee for a full-time active source marine seismologist.
- 2005-2006 • Member of the Lamont-Doherty Earth Observatory of Columbia University Post Doctoral Fellowship Committee.
- 2005 • My research published in Nature in 2005 that provides insight into the complexity of the deep magmatic plumbing at mid-ocean ridges and supports the hypothesis on crustal accretion from multiple magma bodies was featured on the front page of the National Science Foundation webpage, on the RIDGE2000 webpage under the "ridge-related science in the news" section, as well as on other web pages worldwide.
- 2005 • Member of the Steering Committee for the "3-D Seismic Reflection Imaging: A new opportunity for Marine Geoscience Research" workshop held at the Lamont-Doherty Earth Observatory of Columbia University in September of 2005.
- 2004 • In the Fall 2004 I discussed my research on reflection mapping of subduction earthquake rupture area with Nathan Williams, a producer for the BBC Two's flagship 50-minute science documentary series Horizon, who was filming an episode on the potential hazard posed by the Cascadia subduction zone. I was also interviewed by Kate Ravilious who was writing an article for the Focus magazine to be published in conjunction with the forthcoming BBC Horizon program.
- 2004 • My contributions to understanding the subduction zone seismic hazards were featured in the Lamont-Doherty Earth Observatory Biennial Information Piece and the Lamont-Doherty Earth Observatory Biennial Report for years 2002-4, under the solid earth dynamics research.
- 2004 • Ideas and methods I developed with Gordon West on improving imaging and extracting 3D structure from crooked-line 2D land or feathered 2D marine seismic reflection data, along with two of our figures, are included in the Second Edition of a bestseller textbook Elements of 3D Seismology, Christopher L. Liner, *Pennwell Publishing Company*, 557 p, to be published in 2004; First Edition published in 1999.

- 2003-2004 • Marine Geology and Geophysics Division Seminar Series Coordinator at the Lamont-Doherty Earth Observatory of Columbia University.
- 2003-2004 • I wrote the convergent margins part of the successful proposal to NSF (Diebold, J. B. PI, NSF OCE 03-42067, \$3,975,279) to upgrade MCS capabilities on the *R/V Maurice Ewing*. I also contributed to the Lamont's successful proposal to NSF (Purdy, G. M. and Diebold, J. B. PIs, NSF OCE 04-07354, \$6,237,250) to buy a replacement vessel for Ewing. John Diebold and I wrote the reflection imaging part of the science section of the proposal.
- 2003-2004 • Concepts and a figure about the research I did in collaboration with my west coast colleagues on reflection mapping of the great earthquake rupture area at the northern Cascadia subduction zone are included in the Second Edition of a bestseller textbook *The Solid Earth: An Introduction to Global Geophysics*, C. Mary R. Fowler, *Cambridge University Press*, 2004. Articles about this research were also featured on the front page of the *New York Sun* (August 12th, 2003), *Vancouver Sun* (August 14th, 2003) and *Victoria Times Colonist* (August 14th, 2003), with additional articles published worldwide in other daily newspapers and on web sites.
- 1999 • Invited speaker at the retirement gala for Prof. G. F. West, Royal York Hotel, Toronto, Canada.
- 1999 • Piano recital delivered at the Society of Exploration Geophysicists Presidential Session, SEG Annual Meeting in Houston, Texas.
- 1998 • Invited speaker at the inauguration of the TECK Chair in Exploration Geophysics, Massey College, University of Toronto, Toronto, Canada.
- 1995-2006 • School of Graduate Studies Council student member, University of Toronto.

Extracurricular activities and achievements

- Theatre Resource Centre - Clown through mask, teacher Sue Morisson (1997).
- Mountaineering Association of Serbia. Degree received: Speleologist (May 3rd, 1986).
- Music school "Davorin Jenko", classical piano (1973 to 1979). Graduated in June, 1979.
- Hobbies: Music and collecting books, maps, fossils, minerals and crystals.