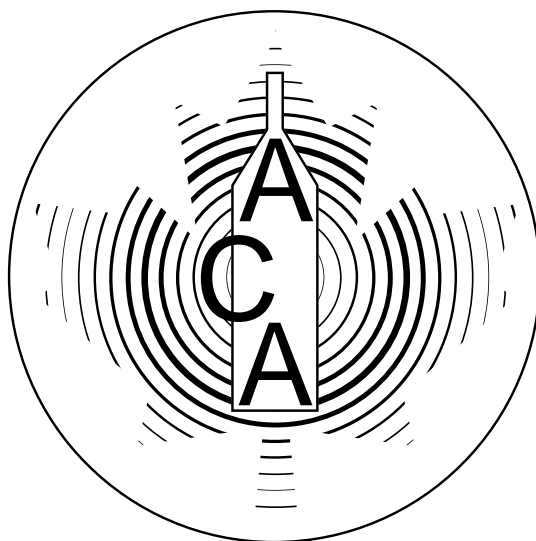


Canadian Acoustical Association  
Association Canadienne d'Acoustique

---

**Compendium of CAA Prize Winners**  
***Inventaire des récipiendaires des Prix de l'ACA***



**Prizes • Prix**

Edgar and Millicent Shaw Postdoctoral Prize in Acoustics  
Alexander G. Bell Graduate Student Prize in Speech Communication and Hearing  
Fessenden Graduate Student Prize in Underwater Acoustics  
Eckel Graduate Student Prize in Noise Control  
Raymond Hétu Undergraduate Prize in Acoustics  
Canada-Wide Science Fair Award in Acoustics  
Directors' Awards  
Student Presentation Awards

*Prix Post-doctoral Edgar et Millicent Shaw en Acoustique*  
*Prix étudiant Alexander G. Bell en Communication verbale et Audition*  
*Prix étudiant Fessenden en Acoustique sous-marine*  
*Prix étudiant Eckel en Contrôle du bruit*  
*Prix étudiant Raymond Hétu en Acoustique*  
*Prix Expo-sciences pancanadienne en Acoustique*  
*Prix des Directeurs*

**31 October 2012 • 31 octobre 2012**

---

**Shaw Postdoctoral Prize in Acoustics**  
**Prix Post-doctoral Shaw en acoustique**

---

2012

**Jorge Quijano (University of Victoria)**

*“Application of Bayesian methods for the estimation of geo-acoustic parameters in the seabed”*

2011

**Paolo Ammirante (Macquarie University)**

**Jeff Crukley (University of Western Ontario)**

2009

**Majid Navabi (Concordia University)**

*“Unsteady flow analysis through the valveless acoustic micropump”*

2007

**Hui Qun Deng, INRS-EMT (Université du Québec)**

*“Speech feature recognition and transmission”*

2004

**Nicolas Smith, McMaster University**

*“Measuring infants’ auditory thresholds using anticipatory eye movements and adaptive psychophysical procedures”*

2002

**Desheng Li, University of British Columbia**

*“Active control of workplace noise exposure”*

2001

**Frank Russo, Queen’s University**

*“Effects of music exposure on prosodic perception”*

1999

**Jingnan Guo, University of British Columbia**

*“Active noise control in non-diffuse sound field”*

1996

**Vijay Parsa, University of Western Ontario**

*“Objective measurement of quality and intelligibility of hearing-aid processed speech”*

1995

**Jingfang Li, University of British Columbia**

*“In situ measurement of the acoustical properties of materials”*

1994

**John Osler, Defence Research Establishment Atlantic**

*“Shallow water seismo-acoustics”*

1993

**Roland Woodcock, University of British Columbia**

*“Acoustical characterization of poro-elastic surfaces and application to indoor sound propagation”*

1990/91

**Li Cheng, Université de Sherbrooke**

*“Acoustic quietening of plates: Vibro-acoustic modelling of a circular stiffened shell ended by a panel and coupled to an acoustic cavity”*

---

**Bell Graduate Student Prize in Speech Communication and Hearing  
Prix étudiant Bell en Communication verbale et Audition**

---

2012

**Takashi Mitsuya, Queen's University**

2011

**Martin Brummund, École de Technologie Supérieure**

2010

**Nicolas Ellaham, University of Ottawa**

*"Prediction of binaural speech intelligibility when using non-linear hearing aids"*

2009

**Huiwen Goy, University of Toronto**

*"Articulatory and acoustic changes accompanying different speaking instructions and listening situations"*

2008

**Donald Derrick, University of British Columbia**

*"Kinematics, Strategy-shift and Planning in English Flap Sequences"*

2007

**Gurjit Singh, University of Toronto (Mississauga)**

*"Cognitive and Auditory Factors Underlying Auditory Spatial Attention"*

2006

**Amy McKinnon, Dalhousie University**

*"Pitch perception in young cochlear implant listeners"*

2005

**Geoffrey Stewart Morrison, University of Alberta**

*"Modelling L2 Perception of English and Spanish Vowels"*

2004

**Carrie Gotzke, University of Alberta**

*"Speech intelligibility probe for children with cleft Palate: Assessment of reliability and validity"*

2001

**Ian Wilson, University of British Columbia**

*"Variability in articulation"*

2000

**Janna Rieger, University of Alberta**

*"Acoustic analysis of speech associated with the use of automatic speech recognition"*

1999

**William Ernest Hodgetts, University of Western Ontario**

*"The effects of modulation spectrum phase distortion on speech intelligibility for hearing impaired listeners"*

1998

**Marlene Bagatto, University of Western Ontario**

*"Acoustic cues to children's speech production errors"*

1997

**Monica Rohlfs, University of Alberta**

*“Effects of facial paralysis and presentation mode on perceptual acoustic measures of consonant place”*

1996

**Mark Pell, McGill University**

*“An acoustic investigation of speech prosody in adults with and without unilateral brain damage”*

1995

**Kristina Greenwood, University of Western Ontario**

*“Determinants of self-reported hearing deterioration in older adult hearing-aid wearers”*

1994

**Michael Lantz, Queen’s University**

*“Frequency of occurrence and duration in the perception of pitch structure”*

1993

**Aloknath De, McGill University**

*“Auditory distortion measure for speech coders – hidden Markovian approach”*

1991

**Steven Donald Turnbull, University of New Brunswick**

*“The influence of possible anti-masking strategies in pinniped vocalizations of signal detection”*

**Fangxin Chen, University of Alberta**

*“Computer simulation of a Mandarin tone perception”*

**Leonard E. Cornelisse, University of Western Ontario**

*“The spatial perception of a sound’s location in three dimensions”*

1990

**Bradley Frankland, Dalhousie University**

*“The role of contour in music stream segmentation”*

---

**Fessenden Graduate Student Prize in Underwater Acoustic  
Prix étudiant Fessenden en Acoustique sous-marine**

---

2012

**Dugald Thomson, University of Victoria**  
*“AUV localization in underwater acoustic positioning systems”*

2011

**Gavin Steininger, University of Victoria**  
*“Determination of acoustic properties of marine sediment”*

2010

**Ben Biffard, University of Victoria**  
*“Acoustic seabed classification and characterization by single-beam echo sounder”*

2009

**Brendan Rideout, University of Victoria**  
*“Acoustic localization and tracking of marine mammals”*

2008

**Dag Tollefsen, University of Victoria**  
*“Bayesian Focalization for Horizontal Line Arrays”*

2007

**Michael G. Morley, University of Victoria**  
*“Geoacoustic inversion using a ship-noise source”*

2006

**Xavier Mouy, Institut des sciences de la mer de Rimouski (UQAR)**  
*« Développement d’un détecteur intelligent des baleines »*

2005

**Jan Dettmer, University of Victoria**  
*“Geoacoustic Reflectivity Inversion: A Bayesian Approach”*

2004

**Mark Fallat, University of Victoria**  
*“Characterization of geoacoustic properties of the seabed in range-dependant, shallow-water environments”*

2003

**Victor Young, Dalhousie University**  
*“Discrimination of underwater targets using auralization”*

2001

**Anna-Liesa Lapinski, University of Victoria**  
*“Geoacoustic inversion using an adaptive hybrid algorithm”*

2000

**Vanessa Corre, University of Victoria**  
*“Shallow water geoacoustic inversion using a two-stage matched field tomography method”*

1999

**Nicole Ellen Collison, University of Victoria**  
*“Source localization using regularized matched-mode processing”*

1996

**Dean Addison, University of Victoria**

*“Extraction of reflectors from acoustic images”*

1994

**Craig Logan McNeil, University of Victoria**

*“A study of dissolved gases in the ocean with particular emphasis on bubble-mediated exchange”*

1993

**Douglas James Wilson, Memorial University**

*“Acoustic Measurement of sand ripples”*

1992

**Daniela Di Iorio, University of Victoria**

*“Probing Oceanographic Processes Using Acoustic Scintillation Analysis”*

---

**Eckel Student Prize in Noise Control**  
**Prix étudiant Eckel en Contrôle du bruit**

---

2012

**Guilhem Viallet, École de Technologie Supérieure**

2011

**Chris Bibby, University of British Columbia**

2010

**Shira Daltrop, University of British Columbia**

*“Factors affecting the acoustical performance of highway noise barriers”*

2009

**Behrooz Yousefzadeh, University of British Columbia**

*“Beam-Tracing Model for Realistic Prediction of Sound Fields in Rooms”*

2008

**Musarrat Nahid, University of British Columbia**

*“Prediction of Speech Transmission Index in Eating Establishments”*

2007

**Marc-André Gaudreau, École de Technologie Supérieure (Montréal)**

*« Mesure de l'efficacité des protecteurs auditifs en continu au cours d'une journée de travail »*

2006

**Gary Chan, University of British Columbia**

*“Prediction and active noise control in fitted industrial rooms”*

2005

**Katrina Scherebnyj, University of British Columbia**

*“Prediction of community reaction to aircraft run-up noise at YVR”*

2004

**Wei Shao, Queen's University**

*“Acoustic analysis of MRI scanner”*

2003

**Dominic Pilon, Université de Sherbrooke**

*« Développement de mousses métalliques hautes performances pour l'absorption acoustique en basses fréquences (50-500Hz) »*

2002

**Ann Nakashima, University of British Columbia**

*“Active control of airport run-up noise”*

2001

**Eve-Maria Nosal, University of British Columbia**

*“Novel room-acoustical prediction model”*

2000

**Lillian Ciona, University of Western Ontario**

*“Participation in noisy leisure activities in a sample of high school students”*

1999



**Pierre Germain, University of British Columbia**

*“Feasibility of using active noise control techniques to further manage run-up noise at Vancouver international airport”*

1997

**Andrew Wareing, University of British Columbia**

*“Predicting sound fields in rooms with extended-reaction surfaces using beam-tracing and Biot theory”*

1996

**Nelson Heerema, University of British Columbia**

*“A simplified model for predicting noise levels and reverberation times in industrial workrooms”*

1995

**Raymond Panneton, Université de Sherbrooke**

*“A 3D-acoustical model of elastic-porous materials”*

1994

**Todd Busch, University of British Columbia**

*“Scale-model investigation of noise attenuation by roadside berms”*

---

**Hétu Undergraduate Student Prize in Acoustics**  
**Prix étudiant Hétu en Acoustique**

---

2012

**Sin Tung Lau, Jacob Maracle and Dario Coletta, University of Toronto at Mississauga**

2010

**Jill Lowther, Kayla Hack, Daniel McDonald, Kelly Sowden, and Leigh Vanderloo, University of Western Ontario**

*“Sorry, Can You Repeat That?: A Health Promotion Campaign Addressing Noise-Induced Hearing Problems Among Senior Health Sciences Students”*

2009

**Konstantin Naumenko and Jessica Banh, University of Toronto**

*“Establishing normative voice characteristics of younger and older adults”*

2008

**Marianne Pelletier, Marco Coletta, and Renée Giroux, University of Toronto (Mississauga)**

*“Effects of Acoustic Distortion and Semantic Context on Lexical Access: a Replication and Expansion”*

2007

**Huiwen Goy, University of Toronto (Mississauga)**

*“Effect of within and between-talker variability on word identification in noise in older and younger adults”*

2006

**Shazia Ahmed, Sina Fallah, Brenda Garrido, Andrew Gross, Matthew King, Timothy Morrish, Desiree Pereira, Shaun Sharma and Ewelina Zaszewska, University of Toronto (Mississauga)**

*“Portable audio devices and their effects on hearing”*

2005

**Daniel Graves, Thompson Rivers University (BC)**

*“SANDRA – Speech and noise differentiation for classroom analysis: Procedure and software overview”*

2004

**Elizabeth McFadden, University of Prince Edward Island**

*“Acquisition of musical grammar compared with language grammar”*

2003

**Carlos De Segovia, Université d’Ottawa**

*« Logiciels de présentation de signaux acoustiques pour recherche en audiologie »*

---

**Canada-Wide Science Fair Award**  
**Prix Expo-sciences pancanadienne en Acoustique**

---

**2012 – Charlottetown (PEI)**

**Usman Kamran**

Westwood Community High School  
(Fort McMurray, AB)  
« *The Acousto-Thermal Effect* »

**2011 – Toronto (ON)**

**Joshua Thon and Emily Been**

William Aberhart High School  
(Calgary, AB)  
« *The Fractal Geometry of Blood Clots* »

**2010 – Peterborough (ON)**

**Cody Shaw**

Fort Richmond Collegiate  
(Ste. Agathe, MB)  
« *Phononic Crystals: Revisted* »

**2009 – Winnipeg (MA)**

**Roland Troke-Barriault**

École Rose-des-Vents  
(Kingston Nova Scotia)  
« *Le bonheur du bruit: Quelles fréquences pour la croissance* »

**2008 – Ottawa (ON)**

**Devon Sawatzky**

Acadia Junior High  
(Winnipeg Manitoba)  
« *Sense What You Cannot Hear* »

**2007 – Truro (NS)**

**Luke Regier**

St. Monica E.S.  
(Simcoe County, Ontario)  
« *Blowing Down the Walls of Jericho* »

**2006 – Saguenay (QC)**

**Steven Gasior**

St. Joseph Secondary School  
(Mississauga, Ontario)  
« *Blind navigation* »

**2005 – Vancouver (BC)**

**Chet Gervais**

Sandwich Secondary School  
(Lasalle, Ontario)  
« *The Matrix Probe – Evaluation: Co-registration of digital mammography with 3Dimensional breast ultrasound using a full-field matrix of piezoelectric crystal transducers* »

2004 – St. John's (NF)

**Benjamin Schmidt**

Centre Wellington District High School  
(Fergus, Ontario)  
*"Robotic sound localization"*

2003 – Calgary (AB)

**Caroline Hubert**

St. Margaret's School  
(Victoria, British Columbia)  
*"Good, good, good vibrations"*

2002 – Saskatoon (SK)

**Natalie Silvanovich**

Handsworth Secondary School  
(North Vancouver, British Columbia)  
*"Detecting stealth aircraft"*

2001 – Kingston (ON)

**Jasmine Tait**

Greenbank Middle School  
(Ottawa, Ontario)  
*"A comparison of acoustic effects of two stopper and crown systems in the modern flute"*

2000 – London (ON)

**Charina Cameron**

Horton High School  
(Wolfville, Nova Scotia)  
*"Bee Heard"*

1999 – Edmonton (AB)

**Allan Kaufman and Kodie Tober**

(Clyde, Alberta)  
*"Aqua Link"*

1998 – Timmins (ON)

**John Hayden**

St. Mary's Secondary School  
(Coburg, Ontario)  
*"Psychoacoustics - A detailed study of human perception"*

1997 – Regina (SA)

**Venkatesh Prabhu and Andrew Bell**

(Ontario)  
*"Sonoluminescence: Sound into Light"*

1996 – North Bay (ON)

**Dawn Mercier**

(Edmonton, Alberta)  
*"OTEC Hybrid (Optimal Thermal Energy Conversion)"*

1995 – Whitehorse (YK)

**Kiran Sah**

(Peel, Ontario)  
*"Microbes come to Power-Energy of the 21st Century"*

1994 – Guelph (ON)

**Jean-Sébastien Marchand**

(Outaouais, Québec)

« *Les oreilles ça se protège!* »

1993 – Rivière-du-Loup (QC)

**Martin Brodeur**

(Estrie, Québec)

« *Un "I" de plus au R.T.M.!* »

1992 – Sudbury (ON)

**Allen Attard and Leo Comitale**

(Peel, Ontario)

“*Play it Again S.A.M.*”

1991 – Vancouver (BC)

**Maria-Graciela Holln**

(Beaconsfield, Québec)

“*Acoustic Analysis of Violin Quality*”

1990 – Windsor (ON)

(not awarded)

1989 – St. John's (NF)

**Kevin Greer and Suresh Pereira**

(Brockville, Ontario)

“*Automatic word recognition*”

---

**Directors' Awards**  
**Prix des Directeurs**

---

2012

Student member

**Judith Weidman, Ryerson University**

*"The combined effects of low intensity pulsed ultrasound and heat on bone cell mineralization"*, Canadian Acoustics 39(4), 37-43

Individual Member

**John Bradley, Institute of Research in Construction, NRC**

*"Speech privacy criteria for closed rooms in terms of speech privacy class (SPC) values"*, Canadian Acoustics 39(1), 3-10

2011

Student member

**Joana de Rocha, University of Victoria**

*"Turbulent boundary layer induced noise and vibration of a multi-panel walled acoustic enclosure"*, Canadian Acoustics 38(4), 9-22

Individual Member

**Josée Lagacé, University of Ottawa**

*"Développement du test de mots dans le bruit: mesure de l'équivalence des listes et données préliminaires sur l'effet d'âge"*, Canadian Acoustics 38(2), 19-30

2010

Student member

**Joana de Rocha, University of Victoria**

*"Prediction of flow-induced noise in transport vehicles: development and validation of acoupled structural-acoustic analytical framework"*, Canadian Acoustics 37(4), 13-29

Individual Member

**Michael D. Hall, James Madison University**

*"Clarifying spectral and temporal dimensions of musical instrument timbre"*, Canadian Acoustics 37(1), 3-22

2008

Student member

**Marc-André Gaudreau, École de technologie supérieure, Université du Québec**

*"Méthode de mesures terrain de l'atténuation F-MIRE de protecteurs auditifs durant un quart de travail"* Canadian Acoustics 36(?), 3-10

Individual Member

**Wladyslaw Cichocki, University of New Brunswick**

*"The RACAD speech corpus of New Brunswick Acadian French: Design and applications"* Canadian Acoustics 36(?), 3-10

2007

Student member

**Shazia Ahmed, Sina Fallah, Brenda Garrido, Andrew Gross, Matthew King, Timothy Morrish, Desiree Pereira, Shaun Sharma & Ewelina Zaszewska, University of Toronto (Mississauga)**

*"Use of portable audio devices by university students"* Canadian Acoustics 35(1): 35-52

Individual Member

**G. Robert Arrabito, Defence Research & Development Canada**

*"Methods for mitigating the vigilance decrement in an auditory sonar monitoring task: A research synthesis"*

Canadian Acoustics 35(4): 15-23

2006

Individual Member

**Stan Dosso, University of Victoria**

*"Array Element Localization Accuracy and Survey Design"*

Canadian Acoustics 34(4): 3-13

2005

Student member

**Youssef Atalla, Université de Sherbrooke**

*"Inverse acoustical characterization of open cell porous media using impedance tube measurements"*

Canadian Acoustics 33(1): 11-24

Individual Member

**Murray Hodgson, University of British Columbia**

*"Empirical prediction of the effect of classroom design on verbal communication quality"*

Canadian Acoustics 33(4): 5-12

2004

Student member

**Dora Chan, University of Calgary**

*"Identifying the number of instruments in pairs of simultaneously sounding timbre"*

Canadian Acoustics 32(4): 5-13

Individual Member

**Colin Novak, University of Windsor**

*"Intake noise cancellation using a manifold bridging technique"*

Canadian Acoustics 32(1): 21-29

2003

Individual Member

**Christian Giguère, University of Ottawa**

*"Evaluation of audible traffic signals for pedestrians with visual impairment"*

Canadian Acoustics 31(2): 3-11

2002

Student

**Matthew Barlee, University of Victoria**

*"Array element localization of the bottom moored hydrophone array"*

Canadian Acoustics 30(4)

Professionnal  $\geq$  30 years

**Stuart Eaton, Workers Compensation Board of B.C.**

*"Review of orchestra musicians' hearing loss risks"*

Canadian Acoustics 30(2)

2001

Student

**Alex Boudreau, Université de Sherbrooke**

*"Techniques for using ray tracing for complicated spaces"*

Canadian Acoustics 29(2)

Professional  $\geq$  30 years

**Jingnan Guo, University of Western Australia**

*“Active control of an off-axis noise source”*

Canadian Acoustics 29(1): 13-17

2000

Student

**Nicole Collison, University of Victoria**

*“A comparison of modal decomposition algorithms for matched-mode processing”*

Canadian Acoustics 28(4)

Professional  $\leq$  30 years

**Christian Giguère, University of Ottawa**

*“Binaural technology for application to active noise reduction communication headsets: Design considerations”*

Canadian Acoustics 28(2)

Professional  $\geq$  30 years

**John O’Keefe, Aercoustics Engineering Ltd.**

*“Acoustical renovation of the Orpheum, Vancouver – I. Measurements prior to renovation”*

Canadian Acoustics 28(1)

1999

Student

**Steve Aiken, University of Western Ontario**

*“Behavioural speaker identification: A forensic application”*

Canadian Acoustics 27(1)

Professional  $\geq$  30 years

**Chantal Laroche, University of Ottawa**

*“Study of noise levels in neonatal intensive care unit”*

Canadian Acoustics 27(1)

1998

Student

**Rebecca Reich, National Research Council**

*“Optimizing classroom acoustics using computer model studies”*

Canadian Acoustics 26(4)

Professional  $\geq$  30 years

**Sid-Ali Meslioui, Aiolos Engineering Corporation**

*“Analytical formulation of the radiation of sound a rectangular duct”*

Canadian Acoustics 26(4)

1997

Student

**Jeffery A. Jones, Queen’s University**

*“The effects of separating auditory and visual sources on audiovisual integration of speech”*

Canadian Acoustics 25(4): 13-18

Professional  $\leq$  30 yea

**Margaret F. Cheesman, University of Western Ontario**

*“Individual Difference In, and a Comparison Of, Identification and Similarity Judgments of Context-Conditioned /S/ and /θ / Phonemes”*

Canadian Acoustics 25(2): 13-23



Professional  $\geq$  30 years

**Sharon Abel, Mount Sinai Hospital**

*“Accuracy in sound localization: interactive effects of stimulus bandwidth, duration and rise decay”*

Canadian Acoustics 25(2): 27-30

1996

Professional  $\geq$  30

**John Osler, Defence Research Establishment Atlantic**

*“Seismo-acoustic determination of the shear-wave speed of surficial clay and silt sediments on the Scotian shelf”*

Canadian Acoustics 24(4)

Student

**Russell Ovans, Simon Fraser University**

*“Equalization in sound reinforcement: psychoacoustics, methods and issues”*

Canadian Acoustics 24(1)

1995

Professional  $\leq$  30 years

**Jean-Luc Wojtowicki, Université de Sherbrooke**

*“Noise reduction in a factory workplace using ray tracing method, a complete study from prediction to experimental validation”*

Canadian Acoustics 23(2)

Professional  $\geq$  30 years

**Maurice Amram, École Polytechnique**

*“A new vacuum activated damping device to reduce noise and vibration during riveting”*

Canadian Acoustics 23(1)

1994

Professional  $\leq$  30 years

**Chris James, University of Western Ontario**

*“Objective predicates of word intelligibility”*

Canadian Acoustics 22(2)

Professional  $\geq$  30 years

**Raymond Hétu, Université de Montréal**

*“The hearing conversation paradigm and the experienced effects of occupational noise exposure”*

Canadian Acoustics 22(1)

1993

Student

**Adel Abdou, Concordia University**

*“A PC-based measurement system for obtaining spatial information and objective room-acoustic indicators”*

Canadian Acoustics 21(1)

Professional  $\geq$  30 years

**Raymond Hétu, Université de Montréal**

*« Capacités auditives, critères d'embauche et droits de la personne »*

Canadian Acoustics 21(2)

1992

Student

**S. Bellefleur, École Polytechnique de Montréal**

*« Étude de l'efficacité d'un bélier amortisseur »*

Canadian Acoustics 20(2)

Professional  $\leq$  30 years

**Li Cheng, Université de Sherbrooke**

*“On the modelling and the prediction of the vibroacoustic behaviour of an aircraft structure”*

Canadian Acoustics 20(1)

Professional  $\geq$  30 years

**Sharon M. Abel, Mount Sinai Hospital**

*“The effect of aging on reaction time in auditory detection and discrimination tasks”*

Canadian Acoustics 20(4)

1991

Professional  $\leq$  30 years

**Francine Desharnais, Defence Research Establishment Atlantic**

*“Bottom loss in areas with ice-rafted sediments”*

Canadian Acoustics 19(5)

Professional  $\geq$  30 years

**Murray Hodgson, University of British Columbia**

*“Review and critique of existing simplified models for predicting factory noise levels”*

Canadian Acoustics 19(1)

1990

Professional

**Annabel J. Cohen, Dalhousie University**

*“Scale and serial order information in melodic perception: independence or interdependence”*

Canadian Acoustics 18(4)

1989

Student

**Ken R. Tough, University of Toronto**

*“A reciprocity-based technique for investigating contralaterally stimulated oto-acoustic emissions”*

Canadian Acoustics 17(4)

Professional

**Thomas Moore, Queens University**

*“The effect of non-uniform insert pitch on noise generation during face-milling operations”*

Canadian Acoustics 17(1)

---

**Student Presentation Awards**  
**Prix pour communications étudiantes**

---

2012 – Banff

**Tristan Defrancesco-Loria, Ryerson University**

*“Do urban soundscapes influence visual attention?”*

**Martin Brummund, École de Technologie Supérieure**

*“On the influence of the material properties of the external ear on occlusion effect simulations“*

**Nicolas Ellaham, University of Ottawa**

*“Evolution of audiometry: clinical testing of a new tablet audiometer“*

2011 – Québec

**Antoine Lefebvre, McGill University**

*“On the bore shape of conical instruments“*

**Sonal Bhadane, Ryerson University**

*“High intensity focused ultrasound and microbubble induced tissue ablation effect of treatment exposure on thermal lesion volume and temperature“*

**Guilhem Viallet, École de Technologie Supérieure**

*“Development of a simplified axi-symmetric finite element model of the auditory canal occluded by an earplug: variability of the attenuation as a function of the input parameters“*

2010 – Victoria

**Kostas Zolotas, University of Victoria**

*“Lingual ultrasound of articulations made with the didgeridoo“*

**Marianne Pelletier, University of Toronto at Mississauga**

*“Effect of age on lexical decision speed when sentence context is acoustically distorted“*

**Emma Murowinski, Defense Research and Development - Atlantic**

*“Measurements and modeling of atmospheric acoustic propagation over water“*

2009 – Niagara-on-the-Lake

**Brady Laska, Carleton University**

*“Subband Autoregressive Modelling of Speech Signals »*

**Brendan Rideout, University of Victoria**

*“Localization of Marine Mammals in an Uncertain Environment“*

**Blake Butler, McMaster University**

*“Temporal representation of pitch in auditory cortex »*

2008 – Vancouver

**Kate Dupuis, University of Toronto (Mississauga)**

*“Effects of emotional content and emotional voice on speech intelligibility in younger and older adults“*

**Omar Falou, Ryerson University**

*“Modelling high frequency acoustic backscatter response from non-nucleated biological specimens“*

**Payam Ezzatian, University of Toronto (Mississauga)**

*“The effect of informational masking and word position on sentence recall“*

2007 – Montréal

**Marc-André Gaudreau, École de Technologie Supérieure (Montréal)**

*“Variabilité de l’atténuation des protecteurs auditifs mesurée par le méthode Field-MIRE en fonction de la direction du son incident et des bruits du porteur”*

**Huiwen Goy, University of Toronto (Mississauga)**

*“Effect of within and between-talker variability on word identification in noise in older and younger adults”*

**Susan E. Rogers, McGill University**

*“Memory for Musical Intervals: Cognitive Differences for Consonance and Dissonance”*

**Gurjit Singh, University of Toronto (Mississauga)**

*“Auditory Cognitive Attention in Younger and Older Adults: A Comparison of Laboratory and Self-Report Measures”*

2006 – Halifax

**Rida Al Osman, University of Ottawa**

*“AlarmLocator: A software tool to facilitate the installation of acoustic warning devices in noisy work plants”*

**Jeff Defoe, University of Windsor**

*“Computational Aeroacoustics for electronics coolers”*

**Matt Nantais, University of Windsor**

*“Graphics processing unit cooling solutions: Acoustic characteristic”*

**Ewen MacDonald, University of Toronto**

*“Making young ears old (and old ears even older)”*

2005 – London

**Elisabeth van Stam, University of Western Ontario**

*“Recognizing individual Wild Big Brown Bats (*Eptesicus fuscus*) using their echolocation calls”*

**Ralph Baddour, University of Toronto**

*“The effects of pecking order on ultrasound backscatter from cells at different volume fractions”*

**Jenn Bouchard, University of Western Ontario**

*“Characteristics of Chimney Swift in-flight vocalizations”*

**Julianne Tennhaaf, Brock University**

*“Normative thresholds levels for a calibrated, computer-assisted version of the Ling Six-Sound test”*

2004 – Ottawa

**William E. Hodgetts, University of Alberta**

*“Advanced measures of bone anchored hearing aids: Do they correlate with perceptual judgments?”*

**Dominic Pilon, Université de Sherbrooke**

*“Influence of micro-structural properties on the acoustic performances of novel metallic foam”*

**Emmanuelle Gros, Université de Sherbrooke**

*“A missing mass method to measure the open porosity of porous solids”*

2003 – Edmonton

**Carrie Gotske, University of Alberta**

*“Comparison of intelligibility measures on single word and spontaneous speech tasks for children with and without cleft palate”*

**Ann Nakashima, University of British Columbia**

*“Effect of the ground surface and meteorological conditions on the active control of a monopole noise source”*

**Benjamin Zendel, University of Calgary**

*“How music of different rhythmicities and intensities affects driver performance”*

2002 – Charlottetown

**Matthew Barlee, University of Victoria**

*“Matched beam processing for localizing an acoustic source on shallow water environments”*

**Steve Bilawchuck, University of Alberta**

*“3-pt method for measuring transmission loss in silencers”*

**J r mie Voix,  cole de technologie sup rieure, Montr al**

*“Filter selection to adapt earplug performances to sound exposure”*

**2001 – Toronto**

**Maxime Bolduc, Universit  de Sherbrooke**

*“Experimental characterization of SEA damping loss factor”*

**Jay Detsky, University of Waterloo**

*“SYMEAS program for acoustical modeling of muffler systems”*

**Terence Miranda, University of British Columbia**

*“Temporally jittered speech produces PI-PB rollover in young normal-hearing listeners”*

**2000 – Sherbrooke**

**Tanya Bergerson, University of Toronto**

*“Duration discrimination in younger and older adults”*

**Ian Toms, University of Prince Edward Island**

*“Identification of tonic in popular and baroque music in young and older adults using a dual keyboard apparatus”*

**Youseff Atalla, Universit  de Sherbrooke**

*“Inverse problem for a complete characterization of rigid porous materials using a standing wave tube apparatus”*

**1999 – Victoria**

**Pierre Germain, University of British Columbia**

*“Feasibility of using active noise control techniques to further manage run-up noise at Vancouver international airport”*

**Michael Riedel, University of Victoria**

*“AVO investigation of shallow marine sediments”*

**Nathalie Hubert, University of British Columbia**

*“The perception of spoken language by elderly listeners: contribution of auditory temporal processes”*

**1998 – London**

**Jana M. Scarsellone, University of Alberta**

*“Denture influence on resonance balance in speech”*

**Bradford Gover, University of Waterloo**

*“Least-squares inverse filtering of speech”*

**Michael E. Lantz, Queen’s University**

*“Total and relative duration as cues to surface structure in music”*

**St phane Boucher, Universit  de Sherbrooke**

*“A new concepts for active control of transformer noise (Part 2)”*

**1997 – Windsor**

**Monica Rohlfs, University of Alberta**

*“Effects of facial paralysis and presentation mode on perceptual acoustics measures of consonant place”*

**Frank Russo, Queen’s University**

*“Evaluation of perceived tonality across the musical pitch range”*

**Nicholas Smith, University of Toronto**

*“Patterns of tension/relaxation in music: a consideration of psychoacoustic and cognitive influences”*

1996 – Calgary

**Nelson Heerema, University of British Columbia**

*“Empirical models for predicting noise levels and reverberation times in industrial workrooms”*

**Raphael Slawinski, University of Calgary**

*“A finite difference scheme for wave propagation through absorbing media”*

**Waqar-Un-Nissa Valiani, University of British Columbia**

*“Auralization of speech-communication cues”*

1995 – Québec

**Sylvain Boily, Université de Sherbrooke**

*« Étude vibroacoustique d’une coque cylindrique soumise à une excitation solidienne »*

**Karen Krueger, University of Alberta**

*“Perception of a fricative-stop continuum by adults and children”*

**Bertrand Mercier, Université de Sherbrooke**

*“Vibratory measurements to estimate mechanical properties of composite materials”*

1994 – Ottawa

**Martin Fortin, Université de Montréal**

*“Characterization of occupational sound exposure of professionals involved in highly amplified music reproduction”*

**Hanif M. Ladak, McGill University**

*“Finite-element modelling of the normal and surgically repaired cat middle ear”*

**Claude Lesage, Université de Sherbrooke**

*“Characterization of the noise-generation mechanism of percussion-drill steel rods in real operating conditions”*

1993 – Toronto

**Serge Brunet, Université de Sherbrooke**

*“Active noise control simulations in a cavity-backed flexible plate system”*

**Nicolas Lessard, Université de Sherbrooke**

*“An acoustic design method for lightweight structures supporting a vibrating source”*

**Willy Wong, University of Toronto**

*“Frequency and the sensation of sounds”*

1992 – Vancouver

**Guy Brown, University of Sheffield**

*“Modelling auditory scene analysis, a representational approach”*

**Daniela Di Iorio, University of Victoria**

*“Separation of acoustic multipaths in Saanich Inlet”*

**Raymond Panneton, Université de Sherbrooke**

*“Vibration and sound radiation of a circular cylindrical shell under a circumferentially moving force”*

1991 – Edmonton

**Daryl Caswell, University of Calgary**

*“Symphonic bells of ‘fantastic’ proportion”*

**Stephen Keith, Carleton University**

*“Rock-drill handle vibration: measurement and hazard assessment”*

**Jane MacNeil, University of Calgary**

*“Discrimination of static and dynamic frequency changes by children and young adults”*

**Katherine Ward, University of Alberta**

*“An acoustical and perceptual study of changes in dysphonia with voice therapy”*

1990 – Montréal

**Laurie Fitzgerald, University of Calgary**

*“Identification of the /R-W/ contrast by normally developing children”*

**André L’Espérance, Université de Sherbrooke**

*“Modelling of long range sound propagation via a geometrical ray model”*

**Roland Woodcock, Université de Sherbrooke**

*“New pseudo-macroscopic approach for the characterization of poro-elastic materials”*