CELEBRATING

TEACHING & LEARNING EXCELLENCE AT UNB



2013 TEACHING AWARD WINNERS

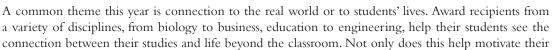


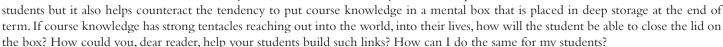
INTRODUCTION

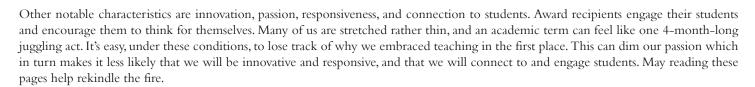
MAGDALEN NORMANDEAU

Welcome to the 2013 edition of "Celebrating Teaching & Learning Excellence at UNB"!

This document has two purposes. The first is to provide wider recognition for the recipients of our university's teaching and educational-leadership awards and for our University Teaching Scholars. The second purpose, arguably the most important, is to provide inspiration for the rest of us. As you read through these pages, I challenge you to find in the descriptions of accomplishments and in the teaching tips, something that you can take into your classroom or into your interactions with students. Be inspired!









NATIONAL & REGIONAL AWARDS

National & Regional awards are awarded from several different organizations in Atlantic Canada, Canada, and abroad. Awards in this category include the 3M Teaching Fellowship, The Allan Blizzard Award for Collaborative Teaching, the Association of Atlantic Universities Anne Marie MacKinnon Educational Leadership Award, and the Association of Atlantic Universities Distinguished Teaching Award.

UNIVERSITY-WIDE AWARDS

University-Wide awards are awarded yearly to individuals who excel in their field. Awards included in this category are: The University Teaching Scholar Award, The Allan P. Stuart Award for Excellence in Teaching, The Neil Scott Educational Leadership Award and the UNB Student Union Excellence in Teaching Award.

FACULTY/DEPARTMENT-SPECIFIC AWARDS

Faculty-Specific Awards are awarded to faculty who are recognized within their respective departments and faculties. Examples include the UNB Law Award for Teaching Excellence, the MBA Society's Professor Appreciation Award, the Faculty of Arts Teaching Award, and faculty or departmental Excellence in Teaching Awards.

FRANK COLLINS

Neil Scott Educational Leadership Award

Frank Collins is a Senior Instructor in Chemical Engineering and Assistant Dean of Engineering. He is a teaching innovator, a natural leader, and an exceptionally good listener. He received the Chemical Engineering teaching award in the years 2002, 2004, 2006, 2008, and 2010. In addition to this recognition of his outstanding teaching, Frank has led the Faculty of Engineering First Year Task Force in its remodeling of how design is taught in first year engineering at UNB. This enabled the integration of material between courses never seen before, and had students begin applying lessons learned in other courses to their engineering design work a full 8–10 months prior to the previous curriculum. He has also served as a faculty mentor in first year Physics and Mechanics courses, as well as senior year design courses. Frank helped not only improve the content of those courses, but also changed for the better the way the material is taught. The Engineering faculty now has the highest retention rates into second year of any faculty at UNB, all while maintaining high standards.



He also led the initiative that enables automatic registration of first year Engineering students, first implemented in 2011. Also, based on the results of a 2009 First Year Survey, a new Engineering Leader Program was instituted whereby select undergraduate Engineering students are paid to act as mentors in community development projects.

In his role as Assistant Dean, Frank has acted as an invaluable conduit between students and the Dean's Office to ensure that students are getting the learning experience we expect and receiving the necessary academic advising to enable them to make good decisions regarding future courses in their program.

Frank also led a UNB-High School Summit in 2010 to open dialogue with teachers throughout the province and establish best practices in helping students with the transition from high school to university. Frank used the experience from this Summit and his repeated involvement in the National Conference on First Year Experience to initiate a summer bridging program for first year Engineering students called UNBetween. The success of these summer camps has spilled over into other faculties and Frank is now helping them create their own similar programs.

Although his instructor position has no research responsibilities, Frank has been involved with over 50 undergraduate-level governmentand industry-sponsored feasibility studies on regional economic development; 6 independently-sponsored consulting projects, and a patent for an environmentally friendly skin cleanser, to be pitched on CBC's Dragons' Den.

The key to Frank's educational leadership, as well as his teaching, consists of 3 principles: to demonstrate what is possible, to believe in the ability of others, and to enable a positive environment. Frank leads by example, but seeks opportunities for others to excel.



MARK HIRSCHKORN

University Teaching Scholar

Dr. Mark Hirschkorn is Associate Professor of Teacher/Science Education in UNB's Faculty of Education, teaching at both the undergraduate and graduate levels and conducting research in the area of the Scholarship of Teaching and Learning. He is also President of the Canadian Association for Teacher Education. He arrived at UNB just as the new 11-month B.Ed program was being implemented and has played a central role in getting the program going and enhancing its quality. He has developed and taught a range of undergraduate and graduate courses in education and collaborated with a team to design and deliver the central course in the B.Ed program. He recently developed a new graduate course for the faculty focused on teacher education with a focus on school leadership as it relates to mentoring and inducting new teachers to the profession.



For the first three years of the B.Ed program, Mark led a research team monitoring its implementation and effectiveness. They collected data from students, faculty, schools where students were placed for internships, and teachers who mentored our students. They regularly provided comprehensive reports to faculty on the strengths and weakness of the program, which were used to improve program delivery.

Mark leads a research team with members from the Education faculties at UNB, the University of Saskatchewan and Queen's University in a multi-year project entitled "Mapping the Landscape of Teacher Education in Canada." It is designed to find out what is happening in professional preparation programs for teachers across Canada and gauge the relative effectiveness of different approaches to professional education. The team has won a \$39,000 SSHRC grant for this work in addition to smaller local grants, and Mark has recently developed a multi-year plan for securing more funding to continue the research.

Mark has presented his work in teacher education many times at Conferences in Canada as well as at international conferences, including education conferences in Latvia and Kuala Lumpur.

"Have both

PEDAGOGIC AND CONTENT REASONS

FOR EVERYTHING YOU DO IN CLASS, WRITE IT DOWN,

AND BE PREPARED TO SHARE IT WITH YOUR STUDENTS."

Prior to coming to UNB, Mark was an award-winning physics,

chemistry and biology teacher in the province of Alberta as well as at an international school in Muscat, Oman.

TEACHING TIPS: "Mark has received consistently high SOS results in his own teaching, yet has adjusted his teaching methods to accommodate student feedback and suggestions." (University Citation, 2013)

Seek to "find" (see, hear and know) every individual in your classes, and authentically involve them in making their learning originate from and connect to their lives.

Have both pedagogic and content reasons for everything you do in class, write it down, and be prepared to share it with your students. If you know exactly what you intend, how 'teachable moments' connect to the core purpose of each lesson becomes easier to identify and use effectively.

CHRISTOPHER GRAY

University Teaching Scholar

"Every class I teach improves my teaching; and increasingly, I measure my own success in both teaching and research by the success of the students that I instruct and supervise."

Dr. Christopher (Chris) Gray arrived at UNB Saint John in 2007 to assume a joint professorial position within the Departments of Biology and Chemistry. He has taught chemistry and biochemistry at the 2000 to 4000 undergraduate level, receiving student evaluations that were consistently higher than the faculty average. His excellence in teaching has been recognized at the department, faculty and university levels. In 2011, he received both the Departmental Award for Teaching Excellence and the prestigious UNB Allan P. Stuart Award for Excellence in Teaching. He was also promoted to Associate Professor during that year.



Chris has supervised numerous Masters and PhD students, many of whom developed an interest in graduate studies as a result of his influence. One of his Masters students received a Governor General's Gold Medal for her thesis work. He has also supervised or cosupervised 5 NSERC undergraduate students, 14 honours students, and 14 undergraduate research projects.

In 2008, Dr. Gray established the Natural Products Research Group (NPRG) to support his research into natural products drug discovery and development. This has resulted in successful partnerships both inside and outside UNB, including collaborations with Horizon Health, Dalhousie University, UPEI, Mount Allison University and the Atlantic Cancer Institute.

Chris is an enthusiastic teacher who uses innovative methods to engage students and help them master course material. His courses are continually evolving to include new material and better approaches to communicate concepts and information. His teaching practices encourage students to achieve four key outcomes:

"His courses are continually evolving to include NEW MATERIAL AND BETTER APPROACHES TO COMMUNICATE CONCEPTS AND INFORMATION."

Comprehension: Continual emphasis on the application of fundamental principles to understand and solve complex problems as the way to master course material, rather than the memorization of facts and rules.

Application: Pressing students to think deeply about their assignments and take responsibility for their own learning.

Curiosity: Sparking students' interest from the outset creates a desire for knowledge, resulting in student-driven learning that is enjoyable for students and teacher alike.

Responsibility: A student's success or failure is effectively out of the professor's control. However, by addressing the first three outcomes concurrently and positively, students will be led to take control of their scholarship and become active learners.

In the words of a former student: "You have the profound ability to connect with others on their level, whether they are your co-workers, graduate students, or young undergraduates such as me. Your open mindedness allows students and research assistants to approach with confidence that you will do your best to lead them in the right direction."

JASEN GOLDING

Allan P. Stuart Award for Excellence in Teaching

Jasen Golding is a Senior Instructor in the Faculty of Forestry and Environmental Management. Jasen received his BSc. Biology from Dalhousie University in 1994, BSc. Forestry from UNB in 1997 and a Masters in Forest Engineering in 2011. Between 1997 and 2005, Jasen worked at J D Irving Ltd. Jasen is also the Director of UNB's Office of Forest Lands Management.

Jasen strives to strike a balance in his courses between theory and practice, bringing into the classroom the practical insights that come from his experience working in the industry. He believes that the balance between the two provides the kind of learning experiences that will help students master Forestry concepts and practices deeply and prepare them well for future work.



Jasen uses both tried-and-true and innovative learning methods to help students understand and apply their knowledge. For example, because of a concern for work site safety born of his experience in industry, Jasen sought and received funding in 2008 to create an immersive, comprehensive, scenario-based, multimedia approach to teaching the subject. The goal of the scenarios was to help students develop the skills and motivation to protect themselves and co-workers effectively, while avoiding confrontation. The scenarios achieve this by letting students practice making choices in realistic safety situations and to learn by debriefing about the experience. Each scenario provides several critical decision points with authentic response options, each of which branches the story down a different path to another decision point. This kind of immersive engagement and practical application by making choices and dealing with the consequences engages students more fully and prepares them to perform tasks they will face in industry.

Jasen developed his teaching style by drawing on the positive qualities of his instructors, professors, mentors and managers. He tries to implement the honesty, sincerity, openness, passion and demonstrable subject competence modeled by these mentors. He has developed strategies to remember names and be personable as well as professional, getting to know students individually.

"STUDENTS LEARN MATERIAL BY HAVING MANY
OPPORTUNITIES TO DEMONSTRATE
WHAT THEY KNOW AND CAN DO."

Jasen has high expectations and standards for students. As a manager in industry, the easiest thing was to give up on poor performing individuals and have them dismissed. It was much more difficult but worthwhile to help such individuals improve. He uses this same strategy with his students. He interacts with students to gauge their level of engagement. Engaged students are easiest to teach, which of course he does. However, he makes even more of an effort to interact with disengaged students to motivate them and help them have a positive learning experience.

Jasen's courses are outcomes-based. Practically speaking, this means students learn material by having many opportunities to demonstrate what they know and can do. He believes students initially understand critical pieces of information, but may not be able to put them all together into an overall framework. Outcomes-based learning provides sufficient opportunities with feedback to help students develop their understanding of the subject area into a more complete picture.

JOHN JOHNSON

Allan P. Stuart Award for Excellence in Teaching

Dr. John Johnson graduated with his Bachelor of Science, Master of Science in Biology, and PhD in Forestry from the University of New Brunswick, and in 1989 he joined the faculty in UNB Saint John's Biology department. He has shown unwavering commitment to UNB and its students in his numerous administrative roles and in the classroom. His administrative positions include: Registrar, Acting Assistant Vice-President, Director of Co-Location, and Medical Program Negotiator. His committee service includes the University Commons Steering Committee, the UNB Post-Secondary Education commission report Working Group, and the UNB President's Strategy Group.



John has been a CIDA Project Leader, and has sat as an elected member of Senate and the University Board of Governors. He was also Coordinator of the UNB Saint John Biology Department's Honours Program. While at UNB, Dr. Johnson has received a number of awards including a UNB Merit Award for outstanding contributions to the University.

Despite the tremendous amount of time spent on all of these commitments, and others, he has always made himself available to his students. Nominators stated, "The amount of time he dedicates to his students is second-to-none" and "he has a real gift of motivating students by getting them interested in their research."

According to several of his students, he is very knowledgeable and enthusiastic about his work, creative in its delivery, approachable and available. Other students volunteered these observations about his teaching: "adding his own relevant stories into the lectures, he always made things quite interesting." "He has the amazing ability to draw on real world experiences to supplement and tie in course material, captivating a class and making us forget he is lecturing; we just sit and listen." His nominators said, "He inspires students to think for themselves and brings the best out of each person taking his course."

Dr. Johnson's classroom has an atmosphere of participation, not just a one-way presentation and students are encouraged to participate and express their opinions. His teaching philosophy of engaging his students, resulting in skilled and confident UNB graduates.

CONGRATULATIONS TO OUR 2013 NOMINEES FOR THE ALLAN P. STUART AWARD FOR EXCELLENCE IN TEACHING

Fredericton Campus:

Guida Bendrich (Chemical Engineering), Christa Canitz (English), Wladyslaw Cichocki (French), Frank Collins (Engineering), William Cook (Chemical Engineering), Len Falkenstein (English), Taylor Gray (Renaissance College), Anna Hamling (Culture and Language Studies), Mike Johnston (English), Guna Kulasegaram (Arts), David Maguire (Forestry and Environmental Management), Wojciech Nasierowski (Business Administration), William Parenteau (History), Stacey Reading (Kinesiology), Evelyn Richards (Forestry and Environmental Management), Gopalan Srinivasan (Business Administration), Biljana Stevanovski (Psychology), and Gail Tucker (Education).

Saint John Campus:

Erin Bigney (Psychology), Alison Flood (Business), Michael Fry (Psychology), Adam Hutka (English), Stewart Hyson (Political Science), Mostaq Hussain (Business), Thanaa Kamel (Science), Dongmin Kim (Business Administration), Fam Loutfi (French), Janice Noel (Sociology), Pedro Serrano (Arts), and Suzanne Tucker (Business Administration).

FACULTY AWARDS

ROBERT MAHER

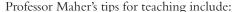
Faculty of Business Administration Excellence in Teaching Award

Professor Maher has been teaching in the Faculty of Business Administration since 1988 and is a member of the Accounting/MIS Area. Robert teaches courses Administration, Financial Accounting, and Advanced Financial Accounting in the BBA program. Professor Maher created this Intro to Business course in 2001 and has taught the course to the majority of students entering the program since then.

His extensive record of academic and professional service includes Assistant Dean (Undergraduate) from 1992 to 1998; a Fellow of the Canadian Institute of Chartered Accountants and since 2003 has been a member of its Council; Secretary, a member of the board of directors, and a member of the Executive of

the Atlantic School of Chartered Accountancy. He has served on the Board of Examiners responsible for the Uniform Final Examination, the national entrance examination required to earn the Chartered Accountant designation. He is a member of the Board of Trustees for the Pension Plan for Academic Employees of the University of New Brunswick.





1. Be exceptionally well prepared

2. Be exceptionally enthusiastic

3. Make extensive use of relevant, current real-life examples

"The first two you just have to do/be. The real business world that we all live in is my big lab. Every single minute of every day there are fascinating new real-life examples of all of the business theory. I find these stories fascinating and my students seem to really like how I weave these stories into the theoretical "stuff" they have to learn..."

RONALD WEED

Faculty of Arts Teaching Award

Dr. Ronald Weed joined the Department of Philosophy at the University of New Brunswick in 2008. His university degrees are from Boston College, the University of Toronto, and Saint Louis University. He spent a term as a visiting undergraduate at London School of Economics and later as a visiting graduate student at the Johann Wolfgang Goethe University in Frankfurt.

Ron has taught courses in most periods of the history of philosophy, including more advanced seminars in ancient philosophy. He also teaches ethics (theoretical and applied), critical thinking, classical Greek language and contemporary political theory.



Dr. Weed's major research interests are in ancient Greek philosophy (especially Aristotle), as well as some early modern and contemporary philosophy, with a topical focus in ethics and social-political philosophy. He is the undergraduate advisor in philosophy and the acting coordinator of the Ethics certificate program.

FACULTY AWARDS

JOHN MCEVOY, Q. C.

Faculty of Law Teaching Excellence Award

John P. McEvoy, BA (STU) 1975, LLB (UNB) 1978, LLM (Osgoode) 1982, LLL (Ottawa) 2004, called to the Bar of New Brunswick in 1978. Professor McEvoy was appointed to the Law Faculty in 1980 as Assistant Professor and was promoted to Associate Professor in 1985 and Professor in 1991. He was appointed Queen's Counsel in December, 2012.

Professor McEvoy teaches courses primarily in the areas of Constitutional Law, Human Rights Law, Aboriginal Peoples, and Private International Law and researches and writes on topics in these subject areas. He has argued constitutional law issues before the Court of Queen's Bench and Court of Appeal of New Brunswick, the Court of Appeal of Prince Edward Island and the Supreme Court of Canada.

He is an active member of the legal community and during 1995-96 served as President of the Canadian Bar Association, New Brunswick Branch, having previously served as Secretary-Treasurer and Vice President. During 1996-97, he served on the executive of the Canadian Bar Association. Professor McEvoy serves as a labour adjudicator and human rights specialist.

BRIAN LOWRY

Golden Apple Award (Chemical Engineering)

Brian Lowry joined the Department of Chemical Engineering in 1995, specializing in multi-phase fluid mechanics and rheology. He has taught in most areas of chemical engineering, including first-and second-year engineering-wide courses in introductory design and materials science. Dr. Lowry is currently writing a numerical methods textbook that takes the novel approach of maintaining a focus on engineering science examples while unchaining the core material from oft-entangled subjects such as computer programming and simulations. Brian served for seven years as the departmental Director of Undergraduate Studies and has chaired the department since 2008. For the past decade, the Chemical Engineering Undergraduate Society has recognized his consistent support of student events by staging an annual "Bowling with Brian" night, which he says hasn't yet improved his "dismal" bowling skills.



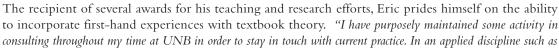
Brian's teaching philosophy is to encourage student learning through ample use of practical examples, both in and outside of class, and through explanation of advanced topics in terms of more common phenomena and concepts to which students can relate. For example, his recent materials science class included a section on the steel used to make samurai swords; his fluid mechanics class includes a section on the megafloods that shaped the terrain of Washington State. Brian feels he is not a natural teacher, so he has worked steadily to improve his teaching by soliciting and listening to student feedback, while still maintaining course high standards. He uses an open course design: students are provided with a class-by-class schedule and an online repository of assignments, tests, exams, and associated solutions from as many previous years as possible. Recently, Brian has begun "flipping the classroom:" replacing live lectures with recorded online lectures, and opening up scheduled class time for interactive tutorial work with students.

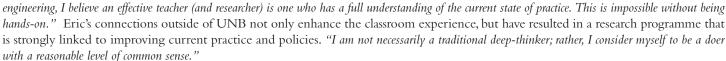
FACULTY AWARDS

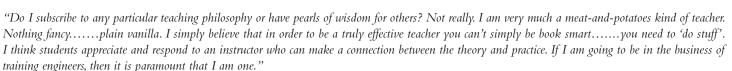
ERIC D. HILDEBRAND

The Eric Garland Excellence in Teaching Award (Civil Engineering)

Eric 'reluctantly' joined the Department of Civil Engineering in 1993 bringing expertise in the areas of transportation and traffic engineering. "I was quite happy working as a consultant when I was approached with the opportunity to join the faculty. After a lot of soul searching I realized that I was in a position to bring a fair amount of practical experience to the classroom so I eventually made the move. In hindsight, I cannot imagine a more rewarding and fulfilling career where you are immersed in an environment ripe with bright and energetic minds."









VAL REEVES

Faculty of Science Excellence in Teaching Award

Two words resonate with our students, and oddly enough it's not "Dean's List," but rather "Val Reeves." Just the mention of that name results in a smile, a nod, or a recounting of a time of crisis that got resolved. It is truly an honor for the Science Faculty and for the greater UNB community to work with a dedicated and vibrant teacher like Dr. Val Reeves. Stellar teaching seems to come naturally although, when something seems to come naturally, it's almost always because of a lot of hard work and dedication behind the scenes.

Student nominations received for Val cited her high energy level, her ability to engage and inspire students, her connection of the material to the "real world," and her generosity with her time as just a few of the reasons she deserves this award. Val's nomination was supported by close to 100 students through social media websites. One comment provided by a nominator stated, "Despite first year chemistry being at 8:30 three times a week, I was excited to attend because I knew she would make it interesting and relevant. She liked to entertain us with funny jokes and she really took the time to explain things in a way that all students could understand. It also took her no time to learn almost everyone's name!"

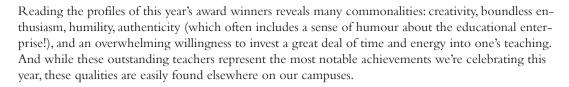
Dr. Valerie Reeves is a credit to the Science Faculty and the university and we look forward to her career continuing to flourish at UNB.



FROM UNB SAINT JOHN

MARGARET ANN SMITH

After spending more years than I'd care to admit in university classrooms as both student and professor, I find myself thinking more practically and much more consciously about what constitutes good teaching. My new role as coordinator of the Teaching and Learning Centre at UNB Saint John has me trying to articulate what I've long tried to practice. This publication highlights the best of the best, and helps remind us all what we're striving for here at UNB. Creative, dedicated and accomplished teachers bring out the best in our students, effectively teaching students how to learn—and how to continue learning on their own, once the scaffolding of course and classroom (whether real or virtual) is removed.





I've been fortunate enough to host the Diploma in University Teaching as well as an orientation for new faculty and teaching assistants this year at UNB Saint John. Typically in their early career years, participants revealed a great passion for their subjects, a keen willingness to learn, profound insights into good educational theory and technique and (particularly in the case of part-time instructors and TAs), and a willingness to invest their own time and money in participating in professional development opportunities. So, while we celebrate the winners of prestigious teaching awards, we can also take great hope that the seeds already exist on our campuses for future growth and accomplishments, as well.

And speaking of seed-sowers, I'm also fortunate to work with the support and collaboration of the Vice-President's Excellence in Teaching Committee, a volunteer group of faculty and staff who work tirelessly to promote and improve teaching and learning on the Saint John campus. Many are award winners, and all recognize the power of working together. Great teachers and great students cannot exist in vacuums. So, let's celebrate and congratulate our winners—and the fruits of their labour—and acknowledge the many seeds and seed-sowers in our midst!

Congratulations to our UNBSJ Award Winners 2013: Caroline Brunelle (Psychology), Rolyne Butler (Business), Neil Franklin (Business), Tracy Carr (Nursing & Health Sciences), Barbara Dowding (Biology), Aziz Fellah (Computer Science & Applied Statistics), Cheryl Fury (History & Politics), Paul Holder (Mathematical Sciences), Karolyn Kelly (Saint John College), Beth Keyes (Social Sciences/Education), Jim London (Saint John College), Fatima (Fam) Loutfi (Humanities & Languages), Chris Welch (Engineering), and Li-Hong Xu (Physics).

CONGRATULATIONS TO ALL OUR AWARD WINNERS!

For more information on Regional & National Awards, UNB-Wide Awards, or Faculty-Specific Awards, visit our website at:

WWW.UNB.CA/CETL

Thank you to the faculties and departments who provided information about their award winners to be included in this publication. We also congratulate Faculty/Departmental Teaching Award winners Robert Austin (MBA Society Professor Recognition Award), Ben Tippett (UNB Student Union Excellence in Teaching Award), and Rodney Cooper (Computer Science Excellence in Teaching Award).

CONNECT WITH US

WWW.UNB.CA/CETL



Thursday, December 5th Marshall d'Avray Hall, 8:30 am - 12:30 pm

Kaleidoscope Teaching Showcase is one of our most popular events among faculty and instructors and many look forward to attending. This event is a great opportunity for you to make new acquaintances and see what some of your colleagues are doing in the classroom.

The 8th annual Kaleidoscope Teaching Showcase will follow the same format as previous years, offering concurrent sessions for each time slot throughout the morning.



Check out the Kaleidoscope details at:

WWW.UNB.CA/KALEIDOSCOPE

Register online at: www.unb.ca/training or email cetl@unb.ca

CENTRE FOR ENHANCED TEACHING & LEARNING

