



Photo by Patricia Ormond

## Chemists Against Cancer

### Fighting cancer in the laboratory, around the track, and on the streets...

**Alexandre Brolo's** research is in the area of plasmonics, "the phenomenon that arises when light interacts with the electrons in metals at the nano scale." (from Science Matters, Fall 2011) Dr. Brolo and his group are currently investigating the use of these metallic

nanostructures in biosensors specifically designed to detect lung and ovarian cancer markers. The goal is to develop a tool which can be used to detect accurately these cancers at the very early - most treatable - stages. A good example of a biosensor in wide use is the blood glucose monitor. A biosensor for detecting cancers would work in a similar way - by analyzing a small drop of blood. In this case, the sensor would monitor the level of certain proteins that have been linked to cancer. An example of this approach in clinical applications is the PSA test for the detection of prostate cancer.

Alex was recognized for his outstanding accomplishments as the recipient of both the 2010 Faculty of Science Research Excellence Award, and the 2011 Craigaroch Silver Medal for Research Excellence and Innovation.

**Fraser Hof**, the Canada Research Chair in Supramolecular and Medicinal Chemistry, and his team, have created a molecule which "switches off" a product of a protein known as EZH2. EZH2 promotes cell division and growth and is essential during the embryonic phase of human development. As the embryo matures, the EZH2 gradually switches off and

growth slows down. Unfortunately, later in life EZH2 can sometimes be triggered and switched on again. The resulting uncontrolled cell growth leads to cancers of dozens of different types. In particular, EZH2 activity has been found to be high in one-third to one-half of patients with prostate cancer and this high EZH2 group is more likely to develop particularly aggressive forms of the disease that resist treatment and become metastatic.

Fraser and his group are excited about the potential of their discovery, but emphasize that there is still much work to be done. The successful "turning off" of EZH2 activity has been shown in the test tube, however Fraser thinks it'll probably be "eight to ten years before this discovery could become a drug for use on humans."



From left: Alex Brolo, Frank van Veggel, Fraser Hof, and Jeremy Wulff

**Frank van Veggel**, the Canada Research Chair in Supramolecular Photonic Materials, and his group, are currently working on two projects involving the development of diagnostic tools for cancer. One centers around making nanoparticle-antibody conjugates for magnetic resonance imaging (MRI) for the detection of prostate cancer. The antibody part of the conjugate will bind to the cancer cell, however it will be the nanoparticle component which will be responsible for the magnetic resonance image. His second project is based on the same principle, but is being developed specifically for glioma (brain cancer). This fine-tuned approach will make certain

cancers detectable long before tumours are evident.

Frank plans to extend this work to additional cancer imaging challenges. He is also interested in developing efficient methods of drug delivery for cancer treatments, for instance, photo-receptive drug activation - in other words, the use of an external light pulse to activate the release of a drug internally.

**Jeremy Wulff** and his group are studying "the complex molecules that modulate protein-protein interactions." (<http://web.uvic.ca/~wulff/>) They are now developing synthetic processes to create a new class of beta-sheet mimetics, compounds which act like antibodies by binding antigens, but are not structurally the same as antibodies. These mimetics will be used to disrupt the beta-sheet protein interactions which allow invading cancer cells to evade the body's natural immune response. It is believed that disruption of this protein interaction will "lead to treatments for several human cancers".

Jeremy and his team are working on a number of other projects with "biological end-goals", including the development of potential treatments for HIV and influenza. Jeremy is the recent recipient of a Michael Smith Career Investigator Award.

**The Mane Event** was staged on April 1, 2011. Fraser Hof and Jeremy Wulff "put their hair on the line to raise funds for the Canadian Cancer Society." Both received a surprisingly stylish clipper cut from a variety of amateur student and staff cutters. Overall, they raised more than \$1,500! Thank you Jeremy and Fraser!

Continued, page 2...

### INSIDE THIS ISSUE:

Neil Burford 2

Awards and Achievements 3

Welcome 3

Milestones and Memorable Moments 4

Lecture book cover competition 5

50th Anniversary—Chemistry reunion 6

## Neil Burford joins Department as Chair, July 1, 2011

On July 1, 2011 the Department was pleased to welcome Dr. Neil Burford as our new Chair.

**Neil Burford** is a native of Liverpool, England. He obtained a BSc honours degree in 1979 from Cardiff University and a PhD at the University of Calgary. Following a Postdoctoral Fellowship at the University of Alberta and a Research Associateship at the University of New Brunswick, he was appointed as Assistant Professor at Dalhousie University in 1987 and was promoted to Professor in 1995. An Alexander von Humboldt Fellowship in 1996 enabled him to collaborate with Professor Peter Jutzi at the University of Bielefeld. He was selected as a Faculty of Science, Killam Professor in 1998, appointed as Harry Shirreff Professor of Chemical Research in 2000, and as Canada Research Chair (Tier 1) in 2001, an appointment that was renewed in 2008. He was awarded a Killam Fellowship by the Canada Council for the Arts in 2003 and a reinvitation by the Humboldt Foundation in 2008 to work with Professor Manfred Scheer at the University of Regensburg.

In January 2008, Neil was appointed as the Chair of the Department of Chemistry at

Dalhousie University, and this opportunity exposed him to a number of new experiences that alerted him to his interest in leadership. In July 2011, Neil was delighted to join the University of Victoria as the Chair of the Department of Chemistry. He describes the Department of Chemistry at Victoria as having an impressive reputation for research achievement and for producing outstanding BSc graduates. He is excited about the future of the Department, recognizing that the staff and faculty are tremendously dedicated to the students and that they have very high standards for research and education.

Neil's research group, including Saurabh Chitnis and Stewart Lucas, focuses on the chemistry of the heavier Group 15 elements, phosphorus, arsenic, antimony and bismuth. The emerging importance of these elements in the discovery of new inorganic pharmaceuticals, electrolytes, conducting polymers, flame retardants, elastomers and biomedical materials, has prompted the development of new versatile synthetic methods for the compounds of these elements. In this context, the ultimate goals of Neil's research programs are the discovery of new com-



From left: Saurabh Chitnis, Stewart Lucas and Neil Burford

pounds that lead to materials exhibiting new properties with potential function in society.

During his first five months at UVic, Neil Burford has taken on a more than full slate of administrative duties – including significant “extras” like the development of a new Strategic Plan, a CIC Accreditation Review, and an Academic Program Review – all while teaching first year chemistry and managing his research group! He has been extremely busy, but says he's enjoying Victoria and UVic Chemistry very much, and – when warned about the wet winters we have, he just smiles and says “that's OK, bring it on!”

Welcome to the west coast, Neil!

## Chemists Against Cancer, cont'd...

The West Coast Motorcycle Ride to Live fundraiser for prostate cancer research was kicked off with an event at the Bob Wright Centre on May 6, 2011. Kevin Daze and Fraser Hof participated, and then gave the bikers a tour of the lab!



Fraser with bikers in the lab

### Congratulations go to the Chemistry Relay for Life team!

June 17 – 18, team members walked from 7PM – 7AM to raise money for the Canadian Cancer Society. It was a fabulous event with live music, dance, and food – but the best entertainment was, of course, the chemistry demonstrations done by the UVic Chemistry team! The team raised close to \$4,500 for the cause. Thank you to team captain, Sam Minaker, and team members: Tamara Abernethy, Michael Brant, Alastair Crow, Sarah Little, Morgan Millard, Krista Morrow, Emma Nicholls-Allison, Natasha O'Rourke, Rosemary Pulez and Nicole van der Wal for a job very well done!

**Chemistry's "Periodic Pacers", once again took part in the CIBC Run for the Cure.** This year's 13 member team raised more than \$700 for Breast Cancer Research. Thank you Pacers! Co-captains Emma Nicholls-Allison and Natasha O'Rourke walked and ran with: Michael Brant, Caleb Bromba, Neil Burford, Carol Jenkins, Sarah Little, Sam Minaker, Krista Morrow, Lisa Rosenberg, Cindy Wang, Jeremy Wulff, and Jin Zou.

Great discoveries, innovations, and commitment – a sure-fire recipe for success. Again - thank you all for your invaluable contributions to the fight against cancer!



# Awards and Achievements



**Frank van Veggel, with collaborators Jeff Young, David Steerman, and Reuven Gordon, received an NSERC SPG grant in April 2011** for “The Development and Validation of a Nanophotonics Simulation Toolbox.” Frank’s contribution to this project will involve the development of colloidal quantum dots and quantum rods. The total value of the grant is \$448,500 over three years. Congratulations Frank!

**Alexandre Brolo wins a Craigdarroch Silver Medal for Excellence in Research!** The Craigdarroch Awards were created to recognize UVic researchers for demonstrated excellence in “original, productive, entrepreneurial, and ground-breaking research”. Alex received his medal and \$1,500 research grant at a gala reception at the Fairmont Empress on May 3, 2011. Well done Alex!

**Jeremy Wulff succeeds in the February 2011 Career Investigator Competition! In June, the winners were announced and Jeremy was awarded a Michael Smith Foundation for Health Research, Career Investigator Award.** This prestigious award will assist Jeremy and his group in their pursuit of numerous chemical biology challenges, including treatments for cancer, HIV and influenza (see pg. 1). Congratulations on this wonderful achievement Jeremy!

**Irina Paci was an invited speaker at the Symposium in Honor of the 100<sup>th</sup> Anniversary of Marie Curie’s Nobel Prize, at the American Chemical Society Fall Meeting, Aug 28 – Sept 1, 2011.** A much deserved honour Irina!

**The results of the 2011 Canada Research Chair competition were announced in October, 2011 with Fraser Hof named the Canada Research Chair in Supramolecular and Medicinal Chemistry.** Fraser uses “organic synthesis and a variety of analytical techniques to design, make, and study molecules that ask basic questions about structure and binding in a biological setting. (He) also collaborates closely

with several biochemistry and cancer-research laboratories to translate these discoveries into practical advances in the treatment and understanding of disease.” (from <http://web.uvic.ca/~fhof/research.html>) Congratulations on this outstanding accomplishment Fraser!

**In October, 2011, Irina Paci, and collaborator Chips Atkins from VIHA, received a grant from Janssen Canada (a division of Johnson and Johnson) to investigate the development of rheumatoid arthritis in women who do not present inherited risk genes.** Irina is a computational chemist whose group also focuses on studies of self-assembled functional materials and the development of methodologies to model complex chemical phenomena.

**In October and November, 2011, Fraser Hof was an invited speaker for both the Vancouver Island Prostate Cancer Support Group, and the Vancouver Prostate Centre “Research Rounds” series.** He is also helping the Movement organizing committee.

**The 2011 donor-sponsored Graduate Student awards were announced November 3<sup>rd</sup>. The recipients were:**

**Zohrab Ahmadi** (*Sally McAuley Graduate Scholarship*); **Julia Bobak** (*Charles S. Humphrey Graduate Student Award*); **Genevieve Boice** (*Eileen Ford Wood and Alexander James Wood Scholarship*); **Daniel Collins** (*David and Geoffrey Fox Graduate Fellowship*); **Paul Covert** (*Nora and Mark Degoutiere Memorial Scholarship*); **Katherine Davies** (*Dr. E. and Mrs. M. von Rudloff Award*); **Jason Davy** (*Dr. Julius F. Schleicher Graduate Scholarship*); **Kevin Daze** (*Gerry Poulton Graduate Scholarship in Chemistry*); **Peter Lee** (*Dr. E. and Mrs. M. von Rudloff Award*); **Krista Morrow** (*Edythe Hembroff-Schleicher Scholarship*); **Graeme Nawn** (*Lewis J. Clark Memorial Fellowship*); **Chiara Valsecci** (*Nora and Mark Degoutiere Memorial Scholarship*). **Congratulations to all!**

**Alex Brolo was an invited speaker for the**

**Dean’s Lecture Series this year.** His talk, “The Nanotechnology Gold Rush (or do you think that gold is just to make earrings?)” was presented on November 4<sup>th</sup> to a large group on campus.

**Undergraduate students were recognized for their accomplishments at the annual Chemistry Undergraduate Awards Reception on November 29, 2011, as follows:**

**Simon Alley** (*University of Victoria Entrance Scholarship*); **Karlee Bamford** (*UVic Excellence Scholarship*); **Rebecca Coutemanche** (*the Hugh and Lilian Salmond Scholarship in Chemistry, and a President’s Scholarship*); **Helena Danyluk** (*a Come to Campus Grant and a UVic Excellence Scholarship*); **Tyler Dyer** (*UVic Transfer Scholarship*); **Marin Evergreen** (*a Come to Campus Grant and a UVic Entrance Scholarship*); **Damien Gibson** (*University of Victoria Entrance Scholarship*); **Timothy Grove** (*UVic Excellence Scholarship Renewal*); **Mike Hamilton** (*a Chemistry Co-op Report Prize and the John F. Reeves Memorial Award*); **Ian Holley** (*Hugh and Lilian Salmond Scholarship in Chemistry*); **Kimberly House** (*B.W. Pearse Science Scholarship: Chemistry*); **Marc-Andre Hoyle** (*Karel Hartman Scholarship*); **Talon Jones** (*the Chemistry Students’ Society 2002 Alumni Award, the Norah and Calvin Banks Chemistry Scholarship, the Stephen A. Ryce Memorial Scholarship, and a Present’s Scholarship*); **Simone Lovsin** (*a Come to Campus Grant and a UVic Excellence Scholarship*); **Marie Malone** (*the Charles Humphrey Memorial Scholarship in Chemistry, and the Hugh and Lilian Salmond Scholarship in Chemistry of the Environment*); **Jeff McAllister** (*University of Victoria Faculty Association Scholarship*); **Radhika Menon** (*University of Victoria Entrance Scholarship*); **Steven Spence** (*a Come to Campus Grant and a University of Victoria Entrance Scholarship*). **Congratulations everyone, and thank you to our co-sponsors, the Chemical Institute of Canada and the Chemistry Co-op Program!**

## Welcome!

**Fariba Ardestani joined the Chemistry Department on August 22, 2011.** Fariba is our new Receptionist/ Secretary. She comes to us from the Department of Psychology where she was employed as their receptionist. Welcome to Chemistry, Fariba!

**Christopher Barr started with the Chemistry Department as Senior Scientific Assistant for NMR on August 15, 2011.** Chris joins us from Bristol-Myers Squibb in Princeton, NJ where he was a Research Scientist doing NMR analytical work in support of pharmaceutical development. Chris is originally from Montreal, and completed his degrees at Waterloo and Guelph. Welcome back to Canada, Chris!

**Neil Burford joined the Department of Chemistry as Professor and Chair on July 1, 2011.** Neil left his position as Professor and Chair with the Department of Chemistry at Dalhousie University to take over the same roles here in Victoria. His research involves new synthetic and spectroscopic studies of the pnictogen elements. Welcome to UVic! (see pg. 2)

# Milestones and Memorable Moments

Starts and finishes, and special moments along the way...

**The Mane Event, April 1, 2011.** A great cancer fundraiser by Jeremy Wulff and Fraser Hof! See Chemists Against Cancer, pg 1.



Jeremy Wulff and Fraser Hof during the "Mane Event"

**High School Outreach April 19 and 20, 2011.** Several local high schools sent students from grades 10, 11 and 12 to visit the Faculty of Science to take part in hands-on activities in the labs. Many chose to visit Chemistry and had a great time tackling the "Chemistry Challenge", a set of experiments demonstrating a range of basic chemistry principles. It was an enjoyable experience for visitors and organizers alike.

**The West Coast Motorcycle Ride to Live, May 6, 2011.** Bikers coordinate fundraising with Fraser Hof! See Chemists Against Cancer, pg.2.

**Experience UVic May 14, 2011.** The fifth running of Experience UVic was another successful introduction to UVic for incoming students and their parents. People visiting Science saw a combined Science presentation with short talks and demonstrations from each department. They also had the opportunity to visit information tables to chat with professors and advisors.

**Diane Lusznjak moves to Biology Co-op, May 2011.** Cutbacks in the Department of Career Services and Cooperative Education resulted in Diane moving to the position of Co-op Coordinator in the Biology Department. Thank you for five years of amazing work as our Co-op Coordinator Diane! We miss you, but also wish you success in your new position. Peter Cross has taken over the role of Co-op Coordinator for Chemistry. His appointment now covers three departments: Chemistry, Physics and Astronomy, and Earth and Ocean Sciences.

**Science convocations took place, June 15, 2011 and November 10, 2011.** The following chemistry degrees were conferred:

**Bachelor of Science in Chemistry (Honours program, with Co-op option and Minor, Biology):** Derek Mandel.

**Bachelor of Science in Chemistry (Honours program, with Co-op option):** Miranda Skjel, Matthew Thompson, and

Michael Woods.

**Bachelor of Science in Chemistry (Honours program):** Aiko Kurimoto.

**Bachelor of Science in Chemistry (Major program, with Co-op option):** Christopher Russell, Yinan Shi.

**Bachelor of Science in Chemistry (Major combined program, Biochemistry and Chemistry):** Graham Garnett, Anh Trung Phan.

**Bachelor of Science in Chemistry (Major combined program, Chemistry and Mathematics):** Hollis Roth.

**Bachelor of Science in Chemistry (Major, Chemistry; Minor, Biochemistry):** Morgan Ehman.

**Bachelor of Science in Chemistry (Major, Chemistry; Minor, Ocean Sciences):** Rebecca McLean.

**Bachelor of Science in Chemistry (Major program):** Chelsea Burns, Steven Chauvin, Qinqi Chen, Nicholas Erb, Jenna Frerot, Lisa Hart, Richard Herlinveaux, Michael Hind, Christy Hui, James McGuire, Joshua Nero, Dean Neville, Vu Xuan Nguyen, Gillian Reay, Corey Sanz, Derek Waghray, Sophie Waterman.

**Bachelor of Science in Biochemistry (Major, Biochemistry; Minor, Chemistry):** Alana Chester.

**Master of Science in Chemistry:**

**Christopher Chapman.**

"Multiple Scale Theoretical Insights on the Switching Behavior of Chemisorbed Azobenzene."

**Yu-Wei Chou.** "Development of Nanohole-based Sensors for Early Detection of Ovarian Cancer."

**Cerize da Silva Santos.**

"Photochromism in Bile Salts."

**Bartosz Nowak.** "Synthesis, Redox Activity and Chemical Utility of Second-Generation Verdazyl Radicals."

**Jennifer Pape.** "From chlorinated transformation products to highly hydrated ions with electrospray ionization mass spectrometry."

**Christopher Rowan.** "Optical properties of metal/ polymer (Ag/PVDF) Nanocomposites: a computational study."

**Huiting Zhang.** "Probing Asphaltenes Aggregation with Fluorescence Techniques"

**Doctor of Philosophy in Chemistry:**

**Keith Abel.** "Synthesis and Characterization of Colloidal Lead Chalcogenide Quantum Dots an Progress towards Single Photons On-demand."

**Jonathan Chui.** "A New Paradigm for Voltage-Clamp Studies of Synthetic Ion Channels."

**Brynn Dooley.** "The Role of Charge-transfer Interactions and Delocalization in Annelated Nytronyl Nitroxides."

**Shaun Hall.** "Orientation of Molecules at Surfaces from Nonlinear Vibrational Spectroscopy Experiments and Molecular Simulations."

**Steve McKinnon.** "New Directions in the Coordination Chemistry of Verdazyl Radicals."

**Joanne Moszynski.** "The synthesis and characterization of diphenylacetylene containing ion channels."

**Michelle Paquette.** "Designing Optically Switchable Multifunctional Materials Using Photochromic Spirooxazine Ligands."

**Hao Tang.** "Host-Guest Dynamics for Three Different Host Systems: Cucurbit{7}uril,  $\beta$ -Cyclodextrin and Octa Acid Capsule."

**Krista Vikse.** "New Methodology for Probing Catalytic Reactions by ESI-MS."

**Pengrong Zhang.** "Synthesis, Photochromism and Aromaticity of Dimethyldihydropyrene Derivatives Containing Organometallic Fragments and {e}-Fused C7 and C8 Aromatic Systems."

**Our second annual Alumni and Friends event took place on June 14, 2011.** Attendees enjoyed a lecture presentation by alumnus Jeremy Wulff, about "Molecules that have Changed the World"; tours of Chemistry space; delicious appetizers; and a beautiful birthday cake in celebration of Dr. Robert O'Brien's 90<sup>th</sup> birthday! A great time was had by all.

**Relay for Life, June 17 and 18, 2011.** \$4,500 raised for the Canadian Cancer Society! – see Chemists Against Cancer, pg. 2.

**Christine Greenwood retires June 30, 2011.** After close to 44 years of continuous - outstanding! - service to the Department of Chemistry, Chris retired from her position as Senior Scientific Assistant for Nuclear Magnetic Resonance. Single-handedly Christine Greenwood saw the Department through more than 4 decades of technical



...continued, page 6...

# Lecture book cover competition

Got an eye for a great photo? Enter the Department of Chemistry's photo competition to have your work featured on the cover of one of the 2012/3 first year chemistry lecture books. We're looking for fantastic images that fit the themes "**Properties of Materials**" (101), "**Environmental and Physical Chemistry**" (102), and "**Engineering Chemistry**" (150). See below for examples from 2011/2 – a loose fit to the themes is just fine!



Chem101 2011



Chem102 2012

## Grand prizes (three in total, one for each book)

- A \$200 bursary\*, a framed 8½" × 11" print of your photograph, and another print that will hang in the Elliott 3<sup>rd</sup> floor cover gallery, a custom engraved ipod shuffle, and a book of your choice\*\*
- Front cover of the 2012/3 lecture book and appearance in *Elements*, the chemistry department's newsletter

## Second prizes (three in total, one for each book)

- A custom engraved ipod shuffle and a book of your choice\*\*
- Back cover of the lecture book and appearance in *Elements*

## Honourable mentions (nine in total, three for each book)

- Appearance in *Elements* and a book of your choice\*\*

A panel of alumni will choose the winners. Submit entries as high resolution .jpg files to [rpulez@uvic.ca](mailto:rpulez@uvic.ca) by **28 February 2012**; please include a caption giving a little bit of background about the photo. The competition is open to all chemistry students, staff, faculty and alumni.

## Get out there and start clicking!

\* Bursary is provided by Pearson and can only be awarded to a student.

\*\* Book of choice must be a non-custom option selected from <http://catalogue.pearsoned.ca/>

This competition is proudly sponsored by:

**PEARSON**

### Pearson. We make learning our business.

Pearson Higher Education has been focused on student success for a long time. We believe all students can succeed in their coursework and their educational pursuits no matter how or where they learn. We understand that every student is different and learns differently. That's why we create content, learning tools, and services that give instructors the ease and flexibility to engage students with a learning experience that motivates and encourages success.

## Milestones cont'd...

change in the area of NMR. Always on top of the theory and technique, she helped countless researchers and students achieve success. Many colleagues and friends gathered to thank Chris for her talents and dedication, and to help her celebrate her retirement, at an afternoon reception on June 23<sup>rd</sup> and a dinner on June 24<sup>th</sup>. Thank you for everything Chris. We wish you happy travels, sunny days in the garden, and amazing adventures around every corner!

**The Chair's hat was passed from Frank van Veggel to Neil Burford on July 4, 2011.** We're delighted to have you here Neil! Best wishes for an enjoyable, rewarding, and (hopefully!) long term as our Chair. Many thanks to Frank van Veggel for being our Chair from January through June this year.



**The annual CIC Barbecue was held Sunday, July 24, 2011 at Beckwith Park.** Many Chemistry personnel and their families

gathered for an enjoyable afternoon in the sun. Everything from hot dogs to salmon steaks were grilled on the BBQ while the little ones enjoyed the water park, and "the big kids" competed(?) in baseball and soccer games.

**We were sorry to see Lisa Minnikin move out of town this summer.** Lisa worked as our receptionist from October 2010 until July 2011. She moved to Calgary where she is now working at Mt. Royal University for Environmental Sciences, as the Chair's Assistant. Best wishes in your new position Lisa!

**September 2011 – the start of a new session - Chemistry welcomed the following new graduate students to our program:** Mahdieh Atighilorestani, Genevieve Boice, Saurabh Chitnis, Regivaldo Sobral Filho, Stewart Lucas, Corey Sanz, Mehraveh Seyedalikhani, Chakravarthi Simhadri, Rhonda Stoddard, Jonathan Strobl, Suma Susan Thomas, and Ye Zong. Best wishes to all for successful studies and enjoyable work

experiences.

**Chemistry's Periodic Pacers took part in the 2011 CIBC Relay for Life on Oct. 2, 2011.** See Chemists against Cancer, pg2.

Strange things were happening in the Department on **October 31<sup>st</sup>!** The "living dead" haunted offices and lab instructors were jailed... **Hal-lowe'en in Chemistry is always interesting!**



**Stars are born! - on November 10, 2011, Fraser Hof and Frank van Veggel** were interviewed by CTV Television about their prostate cancer research projects. <http://t.co/BgwVTVpz> (or see twitter at <http://www.chemistry.uvic.ca>)

*Don't miss our lecture book cover contest! See page 5 for details*

## 50 Years of Great Chemistry!

*UVic will be celebrating its 50<sup>th</sup> anniversary September 2012 through June 2013 – so it's time to start planning another Chemistry reunion! Many of you will remember that we got together for a fabulous 3-day party in May 2003 to celebrate 40 years of great chemistry. We're hoping to do the same Sept. 28-30, 2012, for the 50th. Are you interested in attending? Please let us know! We'd also appreciate hearing your ideas for activities. Email us anytime at: [chem50yr@uvic.ca](mailto:chem50yr@uvic.ca)*

### Keep in Touch

Send messages, comments and ideas to [rpulez@uvic.ca](mailto:rpulez@uvic.ca) or write to:  
Rosemary Pulez, University of Victoria, Department of Chemistry, P0 Box 3065, STN CSC,  
Victoria, BC V8W 3V6