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To submit an item for inclusion in the departmental weekly newsletter, please email the item to [newsletter@chem.ualberta.ca](mailto:newsletter@chem.ualberta.ca).

## Visiting Speakers/Seminars:

**Gary Siuzdak**, senior director, center for Mass Spectrometry, Scripps Center for Mass Spectrometry, Scripps Research Inst., La Jolla, CA will speak on “*Mass spectrometry – based therapeutic metabolomics from biofluids and tissues*” on Friday, December 11, 2009 @ 4:00 p.m. in E3-25.

## 502 Seminars

**Jack Lee** will speak on “*Siamese Twins! Recent advances in synthetic approaches towards Dimeric non-peptidic Natural Products*” on Monday, November 30 at 11:00 a.m. in MEC 2-1.

**Almira El-Yazbi** will speak on “*Determination of Taspoglutide in human and animal plasma using liquid chromatography-tandem mass spectrometry with orthogonal column switching*” on Wednesday, Dec. 2, 2009 in E3-25 @ 11:00 a.m.

## Congratulations to:

**Wes Chalifoux** (Dr. Tykwinski) passed his PhD final exam November 23, 2009

**Sharwatie Ramsaywack** (Dr. Tykwinski) passed her PhD final exam November 24, 2009

**Joel Kelly** (Dr. Veinot) passed his PhD candidacy exam November 25, 2009

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**The Chemistry Graduate Students' Society**  
cordially invites you to our  
**Annual Holiday**

**Party on**

**Saturday, December 5th, 2009**

at East Bound Bistro and Bar at the Citadel.  
Cocktails begin at 7:30PM. Appetizers,  
dinner, and a night of dancing are to  
follow.

Please see the attached invitation for  
event details. Seating is limited.

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## EMPLOYMENT OPPORTUNITIES

Are posted on the bulletin board across from the elevators on the third floor.  
Please do not remove the employment notices from the bulletin board.

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Employment opportunities are posted on a new internet site: <http://www.careerowl.ca>.

**Private entrepreneur** is seeking someone who would be interested in developing a cologne/perfume scent. It could be a practicum, and as well doesn't necessarily have to be a student. Perhaps even a teacher/prof would be interested. Regardless, I have the registered name, marketing, advertising, some connections (daughter is computer graphic grad)...essentially everything except the scent. Potential for profitable partnership. For further info, Kelly (male) @ 780-756-7878 or e-mail [kkadla@shaw.ca](mailto:kkadla@shaw.ca).

**University of Winnipeg** has a faculty position available in the area of Biochemistry. See employment board for more information.

**University of Saskatchewan** has an opening for a PhD student position in materials chemistry or physics. Please see [www.lightsources.ca](http://www.lightsources.ca) for more information.

**University of Saskatchewan** has a postdoctoral position: X-Ray spectromicroscopy of strained silicon devices. Please see [www.lightsource.ca](http://www.lightsource.ca) for more information.

**Youngstown State University** ([www.yzu.edu](http://www.yzu.edu)) is seeking a new Department Chair to head the Department of Geological & environmental Sciences (GES) and whose main interests are in Environmental Science.

**UBC** is seeking applications for a tenure track instructor position to start July 1/2010. Please see <http://www.scienceone.ubc.ca> for more information.

**University of Alberta** has a postdoctoral position in organic chemistry. Please contact Dr. Dennis Hall at [dennis.hall@ualberta.ca](mailto:dennis.hall@ualberta.ca) for more information.

**UBC** – applications are sought for a position at the UBC in the group of Prof. Derek Gates that involves collaboration with or joint supervision by Prof. Gregory Dake and/or Prof. Laurel Schafer. Please see employment board for more information.

**UBC** has a postdoctoral fellowship position for a synthetic organic chemist. Please see <http://www.magneticmicrosphere.com/hafeli?lab> for more information

Chem 401/403 talks listed below

**CHEM 401/403 Talks**  
**Friday, Dec. 4<sup>th</sup>, 2009 in E3-25**

Time	Student	Supervisor	Title
9:40	Brandon Johnston	Harynuk	Optimization of extraction conditions for detection of ignitable liquids
10:00	Curtis Whale	Harynuk	Determining the presence of a kinetic effect on retention times in chromatography
10:20	Jade Lam	Gibbs-Davis	Tweaking the backbone
10:40	<b>Break</b>		
11:00	Laura Jonston	Campbell	Circular permutation, directed evolution and receptor insertion in a red fluorescent protein
11:20	Craig McMullen	Brown	Decarboxylation reactivity of two isomers in an octadiene ring
11:40	Jeffrey Witty	Hall	Sequential Suzuki cross-coupling reactions via protected boronic acids
12:00	<b>Lunch Break</b>		
13:00	Alex Palech	Wasylishen	A solid state NMR study of compounds exhibiting anomalous thermal expansion
13:20	Christina Rachinsky	Veinot	The role of alkyl substitution in the formation of oxide embedded silicon nanocrystals upon thermal processing of sol-gel derived precursors
13:40	Martina Morrisey	Lucy	Mixed surfactant bilayer coatings for capillary electrophoretic separations of proteins.
2:00	<b>Break</b>		
14:20	Sean Liew	Lowary	Synthesis of a novel branched-chain monosaccharide
14:40	Fraser Pick	Stryker	Synthesis of tetrakis (4-hydroxylphenyl)ethane supported titanium compounds in pursuit of model polymerization catalysts
15:00	Devin Reaugh	Stryker	Synthesis of cyclopentenyl moieties for cobalt-mediated (5+2) ring expansions
15:20	Closing remarks/informal social gathering*		

\*All 401/403 students, their supervisors, and interested faculty are invited to attend the Closing remarks and an informal social gathering at the RATT to celebrate the achievements of the past term.