

DEPARTMENT OF PSYCHIATRY's Communications Bulletin – May 27, 2009

Today's issue includes the following items:

1. **Department of Psychiatry 24th Annual Research Day and Faculty Appreciation Dinner & Awards → JUN 04 (attachment)**

***** RCPSC Section 1 Study Credits to be advised for attendance at Research Day**

******* Please see the Research Day Program attached to this Bulletin**

2. **[Presentation] Explaining the Benefits of Psychotherapy by Dr. Wampold → MAY 29**
3. **[Invitation] Summer Staff Party on JUN 26 → ticket purchase by JUN 05 (attachment)**
4. **[Grant] CIHR and III – Emerging Team Grant → deadline: JUL 20**
5. **Clinician Investigator Program Research Day 2009 at UBC → JUN 04**
6. **[Awards] MSFHR Research Trainee Program → UBC internal deadline: JUN 25**
7. **[Presentation] Pathology Day 2009 → MAY 28 (attachment)**
8. **New photocopier for Admin Office in Detwiller Pavilion → MAY 28**
9. **Reduce UBC's Carbon Footprint and Win \$5,000!**

1. DEPARTMENT OF PSYCHIATRY, 24th RESEARCH DAY AND FACULTY APPRECIATION DINNER & AWARDS (see attached)

*****RCPSC Section 1 Study Credits to be advised for attendance at Research Day**

June 4, 2009

Department of Psychiatry 24th Annual Research Day, Clinical Faculty Business Meeting and Faculty Appreciation Dinner and Awards includes the following:

- **RCPSC Section 1 Study Credits (to be advised)**. To be eligible to receive the RCPSC credits (if approved) participants at research day must sign in when registering for the event. If study credits are approved, a certificate of attendance will be mailed to attendees who have registered and attended the event.
- 24th Annual Department Research Day (starting with lunch at 11:30)
- Clinical Faculty Business Meeting (6:30 – 7:00) – Agenda and more information will follow
- **Faculty Appreciation Dinner and Award presentations** (7:00 – 9:30) (Registration for dinner mandatory). (Invitation for this portion is extended to: All Dept Faculty (Clinical and GFT), Residents, Research Day Presenters and award winners.)

Please register at: <http://137.82.210.188/Page4448.aspx?PageMode=Hybrid> and indicate the portions of the day that you will be attending.

Please see: <http://www.psychiatry.ubc.ca/Events/ResearchDay.htm> for full information about the events for the day.

Please contact Eniko Wilkie at 604-822-7314 or eniko.wilkie@ubc.ca if you have any questions regarding registration.

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2. Presentation by Dr. Wampold

Explaining the Benefits of Psychotherapy: “The Therapeutic Factors”

Presenter:

Bruce E. Wampold, Ph.D.

Professor

Department of Psychiatry

University of Wisconsin

Candidate for the UBC Mental Health Institute’s Endowed Chair in Psychotherapy

Date: **Friday, May 29, 2009**

Time: **12:00 – 1:00 p.m.**

Place: **Detwiller Pavilion, UBC Department of Psychiatry, Room 2NA/B**

Lunch will be served

If you would like to meet with Dr. Wampold individually either before or after his talk please contact Clara Hungr at 827-4105 or clhungr@interchange.ubc.ca to arrange an appointment time.

Department of Psychiatry

Psychotherapy Program

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3. Invitation to Summer Staff Party (see attached)

June 26, 2009

**...Kick off Summer...
Food & Wine Tasting Event**

1st Annual Food & Wine Event for Staff and Guests

You asked and we listened, by popular demand...a special event for Staff and Guests.

Join your colleagues in kicking off the summer season with an evening of food, conversation, and music. Also enjoy a hosted wine tasting event provided by 3 of Canada's top wine agencies. Sample a variety of White, Red, and Sparkling wines. We would love to have you all on this event and hope you will be able to come and celebrate summer and share in good food and conversation with your colleagues. We anticipate tickets to go fast so make sure you get yours before they're gone. Guests are welcome.

Date: **Friday, June 26th 2009**
Time: **4:30pm—7:30pm**
Location: **Green College Reception Rooms, UBC**
Cost: **\$20 each**

To purchase tickets contact Elizabeth Kukely @ ekukely@medd.med.ubc.ca **by Friday, June 5.**

This promises to be a great event. We hope to see you there.

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4. Canadian Institutes of Health Research (CIHR) and the Institute of Infection and Immunity (III)

Emerging Team Grant - HIV/AIDS Vaccine Discovery and Social Research

CIHR and III will provide funding for biomedical and clinical research that is required for the discovery and development of HIV vaccines, as well as pertinent and timely studies on the social dimensions of HIV vaccines development, such as access and delivery issues, particularly in hard to reach communities.

Deadline: **Jul 20, 2009**

URL: <http://fundingopps.cos.com/alerts/101743>

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5. Clinician Investigator Program Research Day 2009 at UBC

The UBC Clinician Investigator Program (CIP) in collaboration with the iCAPTURE CIHR/HSFC IMPACT Strategic Training Program presents the 8th Annual CIP Research Day.

When: **June 4, 2009** 1:00 - 6:00PM

Where: Gourlay Conference Room, iCAPTURE Centre, St. Paul's Hospital

For more information, please contact Tessa Feuchuk at tfeuchuk@mrl.ubc.ca

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6. MSFHR Research Trainee Program

MSFHR Research Trainee Program Awards support highly qualified Master's, PhD and Post Doctoral trainees to prepare for careers as independent health researchers.

The UBC internal deadline is **June 25, 2009 at 4:30pm**.

Please allow at least 2 days for processing the applications with ORS. The MSFHR deadline is July 2, 2009 at 4:30pm.

For more information go to <http://www.ors.ubc.ca/policies/sigpolicy4.htm>

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7. Pathology Day 2009 (see attached)

The Pathology Faculty would like to invite you to next week's James Hogg Keynote Lecture to be presented by Dr. Jay Levy, entitled:

“The Global HIV/AIDS Pandemic: How Science Faces the Challenge”

The lecture will be held on **Thursday, May 28** in LSC # 1 at 4:30 pm.

Please see the attachment for further details.

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8. New photocopier for Admin Office in Detwiller Pavilion

We are replacing the main photocopier in Admin Office at Detwiller site. Xerox will be installing the new photocopier on this coming **Thursday, May 28 2009** and we will try our best to minimize any disruptions.

Please note that your existing photocopier code will remain unchanged.

Your patience and understanding during this time is much appreciated.

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9. Reduce UBC's Carbon Footprint and Win \$5,000!

Calling all students, staff, faculty, researchers and residents:

Help UBC become the World's first "net-positive energy and water campus". Enter the UBC Alternative Energy X contest: \$10,000 in total prizes! Check out the full contest details and enter at:

<http://climateaction.ubc.ca/2009/05/15/reduce-ubcs-carbon-footprint-and-win-5000>

If you have any questions, please e-mail xcontest@utilities.ubc.ca.

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THE UNIVERSITY OF BRITISH COLUMBIA
DEPARTMENT OF PSYCHIATRY
24TH ANNUAL RESEARCH DAY
THURSDAY, JUNE 4, 2009
PROGRAM AGENDA



11:30 – 12:15 REGISTRATION AND LUNCH

12:15 Opening Address – Welcome - Dr. Lakshmi Yatham

12:30 – 1:30 ORAL PRESENTATIONS – BASIC SCIENCE (10 min. presentation 5 min. discussion)

Dr. Brian MacVicar - Chair

12:30 – 12:45 The acute effects of atypical antipsychotic drugs on glucose tolerance in an animal model
Presenter: Heidi Boyda
Graduate Student, Faculty of Medicine
Anesthesiology, Pharmacology and Therapeutics

Faculty Sponsor: Ric M. Procyshyn

12:45 – 1:00 In vivo imaging of bilateral synchronous waves of spontaneous activity, preferred routes of information flow and their regulation by brain states and sensory experience
Presenter: Majid H. Mohajerani
Postdoctoral Research Fellow

Faculty Sponsor: Timothy H. Murphy

1:00 – 1:15 Altered expression of the cell adhesion protein Neuroligin 1 is related to Social Deficits in FMR1 $-/-$ mice, a model for the Fragile X Syndrome
Presenter: Regina Dahlhaus
Postdoctoral Research Fellow

Faculty Sponsor: Alaa El-Husseini, Steve Vincent, Yu Tian Wang

1:15 – 1:30 Dynamic modulation of palmitoylation at the synapse
Presenter: Rujun Kang
Research Fellow

Faculty Sponsor: Lynn Raymond, Steve Vincent

1:30 – 2:45 ORAL PRESENTATIONS – CLINICAL (10 min. presentation 5 min. discussion)

Dr. William Honer - Chair

1:30 – 1:45 Decreased mitochondrial complex 1 activity and increased oxidative damage to proteins in the postmortem prefrontal cortex of subjects with bipolar disorder.
Presenter: Ana Cristina Andreazza
Postdoctoral Research Fellow

Faculty Sponsor: L. Trevor Young



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ORAL PRESENTATIONS (cont'd)

- 1:45 – 2:00 Which depressive symptoms predict impairments in work performance?
Presenter: Christopher M. Robertson
PGY-4 Psychiatry
Faculty Sponsor Raymond W. Lam
- 2:00 – 2:15 Four years of mistakes: An examination of error-processing in schizophrenia
Presenter Alan Bates
PGY-1 Psychiatry
Faculty Sponsor William Honer, Elton Ngan
- 2:15 – 2:30 Effect of gender role socialization in the presentation and diagnoses of major depression among men
Presenter Jennifer K. Wide
PGY-3 Psychiatry
Faculty Sponsor John Ogrodniczuk, Hiram Mok
- 2:30 – 2:45 Evidence for aberrant structure and function in schizophrenia
Presenter: Liang Wang
Postdoctoral Research Fellow
Faculty Sponsor: Todd Woodward

2:45 – 3:15 AFTERNOON BREAK

3:15 – 4:15 FACULTY PRESENTATIONS (15 min. presentation 5 min. discussion)

- Dr. L. Trevor Young - Chair
- 3:15 – 3:35 Jehannine Austin – Translating psychiatric genetics research into clinically meaningful interventions
- 3:35 – 3:55 Lakshmi Yatham – Bipolar disorder: Bedside to brain imaging
- 3:55 – 4:15 Elton Ngan – ReDefining “Delusions”

4:15 – 5:15 PLENARY GUEST LECTURE (45 min. presentation 15 min. discussion)

Dr. Martha Donnelly - Chair

Speaker: Dr. Ken Shulman, University of Toronto – Early detection of dementia: Promises and Practicalities

5:15 – 5:45 PRENARY GUEST LECTURE - Tribute to honour Dr. Peter McLean (20 min. presentation 10 min. discussion)

Dr. L. Trevor Young - Chair

Speaker: Dr. Stanley Rachman

5:45 – 6:00 CONCLUSION AND WRAP UP



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6:00 – 7:00 p.m. POSTER PRESENTATION and RECEPTION (snacks and beverages)

BASIC SCIENCE POSTERS

1. Motor mapping with light using transgenic mice expressing Channelrhodopsin-2 reveals sensory and motor cortex interactions.
Presenter Oliver Ayling
M.Sc. Student
Faculty Sponsor Tim Murphy
2. Effects of two antipsychotic medications on striatal SNARE protein levels and SNARE interactions.
Presenter Vilte Barakauskas
Graduate Student
Faculty Sponsor Bill Honer
3. Stress-evoked dopamine release is altered in the medial prefrontal cortex of rats prenatally exposed to alcohol: Implications for hypothalamic-pituitary-adrenal (HPA) axis dysregulation in depression.
Presenter Kelly Butts
Undergraduate Assistant
Faculty Sponsor Allan H. Young, Anthony G. Phillips
4. Disruption of regulated-AMPA receptor endocytosis attenuates behavioural and neurochemical sensitization to repeated amphetamine
Presenter Fiona Y. Choi
Graduate Research Assistant
Faculty Sponsor Anthony Phillips, Yu Tian Wang
5. Increased extrasynaptic localisation of NMDA receptors in a Huntington's Disease mouse model
Presenter Clare Gladding
Postdoctoral Fellow
Faculty Sponsor Lynn Raymond
6. Medial prefrontal cortex is a universal encoding area: No differences found in unit or population activity between simple and complex tasks
Presenter James Hyman
Postdoctoral Research Fellow
Faculty Sponsor Jeremy K. Seamans
7. Using interference peptides to alter NLG2 interactions *in vitro* and *in vivo*
Presenter Parisa Karimi Tari
Undergraduate Student
Faculty Sponsor Alaa El-Husseini, Yu Tian Wang
8. Activity-regulated AMPA receptor endocytosis plays different roles in instrumental habit learning.
Presenter Liya Ma
Ph.D. student
Faculty Sponsor Anthony Phillips, Yu-Tian Wang



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BASIC SCIENCE POSTERS (cont'd)

9. Evidence for augmented extrasynaptic NMDA receptor signalling in a transgenic mouse model of Huntington's disease
Presenter Austen Milnerwood
Postdoctoral Research Fellow
Faculty Sponsor Lynn A. Raymond
10. In vivo two-photon imaging of dendritic structural alterations during transient global ischemia during local cortical hypothermia
Presenter Sherri Tran
Undergraduate Student
Faculty Sponsor Tim Murphy
11. The chronic effects of olanzapine on glucose tolerance in an animal model
Presenter Lurdes Tse
Undergraduate Student
Faculty Sponsor Ric Procyshyn
12. The role of inducible nitric oxide: A plausible mechanism for antipsychotic-induced hyperglycemia.
Presenter Daniel Wong
Pharmacology co-op Student
Faculty Sponsor Ric Procyshyn
13. The mood stabilizing drug lithium increases nuclear levels of the transcription factor Nrf-2 *in vitro*
Presenter Joshua Rizak
Graduate Research Assistant
Faculty Sponsor Jun-Feng Wang
14. Control of RCAN1 expression by translation initiation and its role in Neurodegeneration
Presenter Yili Wu
Postdoctoral Research Fellow
Faculty Sponsor Weihong Song
15. In vivo voltage sensitive dye imaging reveals bi-hemispheric functional changes following focal infarct to the forelimb somatosensory cortex of mice
Presenter Khatereh Aminoltejari
M.Sc. Student
Faculty Sponsor Tim Murphy
16. The acute effects of atypical antipsychotic drugs on glucose tolerance in an animal model
Presenter Heidi Boyda
Graduate Student
Faculty Sponsor Ric Procyshyn
17. Coexpression based gene discovery in the post-synaptic proteome
Presenter Jesse Gillis
Postdoctoral Research Fellow
Faculty Sponsor Paul Pavlidis



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BASIC SCIENCE POSTERS (cont'd)

18. Chronic light-based mapping of the motor cortex
Presenter Thomas Harrison
Graduate Student, B.Sc.
Faculty Sponsor Tim Murphy

CLINICAL POSTERS

1. Persistent antipsychotic polypharmacy and excessive dosing in the community psychiatric treatment setting
Presenter Rebecca Ko
Undergraduate Student
Faculty Sponsor Ric Procyshyn
2. Measuring internalized stigma in first-degree family members of people with severe mental illness.
Presenter Emily Morris
Undergraduate Student
Faculty Sponsor Jehannine Austin, Catriona Hippman
3. Computer/gaming station use in youth with psychiatric disorders
Presenter Elliott Bogusz
3rd year medical student
Faculty Sponsor Susan Baer
4. Quality of life amongst chronically mentally ill adults on Vancouver's downtown east side across a variety of dwelling situations
Presenter Ed Durgan
ISGP PhD. Student
Faculty Sponsor Erin Michalak
5. Mood monitoring in bipolar disorder: A hand-held computer intervention
Presenter Erica Amari
Research Coordinator
Faculty Sponsor Erin Michalak
6. Reduced frontal activation in schizophrenia patients during processing of disconfirmatory evidence.
Presenter Patrick Carolan
Intern Research Assistant
Faculty Sponsor Todd Woddward
7. Examination of dopamine and 6-hydroxydopamine in bipolar disorder brain
Presenter Jeremy W. Gawryluk
Postdoctoral Research Fellow
Faculty Sponsor L. Trevor Young
8. Proton pump inhibitors reduce human microglia and THP-1 cell neurotoxicity
Presenter Sadayuki Hashioka
Postdoctoral Research Fellow
Faculty Sponsor Patrick L. McGeer



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CLINICAL POSTERS (cont'd)

9. "It's something that I manage but it is not who I am". Reflections on self-management strategies and stigma in bipolar disorder.
Presenter Candace Haddock
MD Undergraduate Student
Faculty Sponsor Erin Michalak
10. Periventricular white matter diffusion parameters and salivary cortisol levels in euthymic bipolar patients and in control subjects.
Presenter Karine Macritchie
Postdoctoral Research Fellow
Faculty Sponsor Allan H. Young
11. Development of cognitive functions that depend on the frontal lobe in children whose mothers have bipolar disorder.
Presenter Karine Macritchie
Postdoctoral Research Fellow
Faculty Sponsor Allan H. Young
12. Cross-laboratory comparison of human post-mortem brain expression profiling data
Presenter Meeta Mistry
Graduate Research Assistant
Faculty Sponsor Paul Pavlidis
13. Using nail cortisol to measure accumulated stress hormones in male and female students
Presenter Danielle Seim
Research Assistant
Faculty Sponsor Allan H. Young
14. Risk Assessment in Youth
Presenter Muniza Shah
Current Forensic Psychiatry Fellow
Faculty Sponsor Johann Brink, Tonia L. Nicholls
15. Traumatic brain injury in a forensic psychiatric sample
Presenter Simone Viljoen
Graduate Student
Faculty Sponsor Johann Brink, Tonia Nicholls
16. Multimodal imaging study of the thalamus in first-episode psychosis
Presenter Fidel Vila-Rodriguez
Clinical Research Fellow
Faculty Sponsor William Honer
17. Increased NF- κ B signalling upregulates *BACE1* expression in Alzheimer's disease
Presenter Yu Deng
Research Scientist
Faculty Sponsor Yigang Tong, Weihong Song



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CLINICAL POSTERS (cont'd)

18. Psychotic symptoms and brain volumes in first episode patients with bipolar disorder: Is there a connection?
Presenter Mauricio Kunz
Clinical Fellow
Faculty Sponsor Lakshmi Yatham
19. Inefficient Neural Firing as measured by BOLD Signal Peaks in Task-Positive and Task-Negative Neural Networks leads to Impaired Performance in Schizophrenia at High Working Memory Loads
Presenter Jennifer Riley
Research Assistant
Faculty Sponsor Todd Woodward

6:00 – 7:00 p.m. CLINICAL FACULTY BUSINESS MEETING

7:00 – 9:30 p.m. FACULTY DINNER AND AWARDS PRESENTATION (attendance with reservation only)



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MANY THANKS TO THE JUDGES

Dr. Ken Shulman

Dr. Steven Vincent

CATEGORY AWARDS

Tsung-Yi Li Award for Clinical Research

McGeer Award for Basic Science

Zeldowicz Basic Science Poster Award

Zeldowicz Best Clinical Oral Presentation
for visiting Psychiatry Resident

**...Kick off Summer...
Food & Wine Tasting Event**

Remember to Drink Responsibly.
Make arrangements to get home safely.

**1st Annual
Food & Wine Event
For Staff and Guests**

You asked and we listened, by popular demand...
a special event for Staff and Guests.

Join your colleagues in kicking off the Summer season with an evening of food, conversation, and music. Also enjoy a hosted wine tasting event provided by 3 of Canada's top wine agencies. Sample a variety of White, Red, and Sparkling wines.

Get to know your colleagues and share in good food and conversation. We warmly welcome you to join this event. Guests are welcome.

Date: **Friday, June 26th 2009**

Time: **4:30pm—7:30pm**

Location: Green College Reception Rooms, UBC

Cost: **\$20 each**

To purchase tickets contact Elizabeth Kukely @

ekukely@medd.med.ubc.ca

by Friday, June 5.

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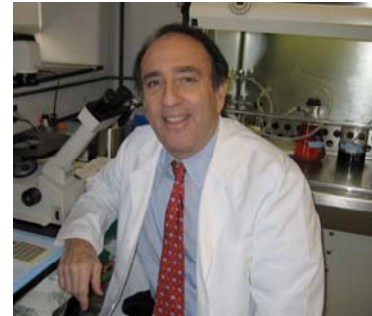
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Dr. Jay Levy

University of California, San Francisco
James Hogg Keynote Lecture at Pathology Day 2009
Thursday, May 28 at 4:30 p.m.
Life Sciences Institute, Lecture Theatre #1

The Global HIV/AIDS Pandemic: How Science Faces the Challenge



Over the past 25 years since the discovery of HIV, the virus has spread to every continent and every country in the world. It has greatly compromised the economic growth and well-being of the human populations globally. Currently, there are at least 34 million people infected with HIV and almost an equal number have died from the virus since AIDS was first identified. Its prevalence is highest in South Africa, where over 10% of the population is infected. Other countries, particularly resource-limited areas in Africa are greatly affected by this major epidemic. In some parts of Africa and Southeast Asia, HIV/AIDS particularly threatens political stability and makes great demands on the funds available for health services country-wide. With the high death rate among young adults, the number of orphans has risen dramatically to over 10 million. The economic burden on developing countries as well as Western nations has been great and will become worse. Whereas antiretroviral drugs have helped prevent and delay the development of AIDS in industrialized countries, their distribution in developing countries is limited posing major problems for HIV control.

Knowledge on how HIV is transmitted, how it causes disease and how the immune system of infected individuals can be harnessed to suppress the virus is extremely important. Scientific research is directed at understanding all aspects of the virus and its ability to cause AIDS as well as how the individual can avoid transmission or after infection, prevent the development of disease. Both natural and acquired immunity are needed. Particular attention is being given to deriving an effective anti-HIV vaccine.

Through continual understanding of the virus and its interaction with many different cells within the infected individual, progress can be made in controlling this current devastating epidemic that affects societies and nations world-wide.