

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

Today's issue includes the following items:

1. **Tri-University Symposium → MAY 13 (attachment)**
2. **Department of Psychiatry 24th Annual Research Day (JUN 04) → submission deadline: APR 24**
3. **[Conference] Women's Health Research Network (WHRN) Summer Institute 2009 Conference (MAY 21-22) → submission deadline: APR 27**
4. **NSERC – CREATE Program → APR 27 & MAY 15**
5. **[Award] RCPSC – KJR Wightman Award for Scholarship in Ethics → deadline: APR 30**
6. **[Request for Proposals] Worksafe BC – Systemic Reviews - Request for Proposals 2009 → deadlines: MAY 25 & JUN 29**
7. **[Grant] Burroughs Wellcome Fund – Preterm Birth Initiative – Planning Grant → deadlines: JUN 01 & DEC 01**
8. **[Fellowship] Shastri Indo-Canadian Institute – 2010-2011 India Studies Fellowship Competition → deadline: JUN 30**
9. **Carl Wieman Science Education Initiative Event → APR 29**
10. **[Award] UBC Vancouver President's Staff Awards - Nomination form → deadline: MAY 31 (attachment)**
11. **[Grant] Bill & Melinda Gates Foundation - Grand Challenge Exploration Grant → deadline: MAY 28 (attachment)**
12. **[Workshops] for UBC Faculty and Staff → MAY 2009**
13. **[IT] Computer Virus Transmission**
14. **Creating a Respectful and Inclusive Workplace for UBC Employees with Disabilities**
15. **BCcampus Online Program Development Fund → deadline: MAY 26**

1. TRI-UNIVERSITY SYMPOSIUM (see attached)

May 13, 2009

UBC Department of Psychiatry will host a one day symposium at UBC to showcase research being done in the department and the international collaborate sites such as *Seoul National University* in Korea, the *Institute of Psychiatry* in Sao Paulo, Brazil, and at the *University of Porto Alegre* in Brazil.

RSVPs are requested to enable the organizers to track numbers properly.

Please RSVP to

Loretta Musselwhite

Academic Secretary, Mood Disorders Centre
University of British Columbia and UBC Hospital
2255 Wesbrook Mall, Vancouver, BC, V6T 2A1
Tel: 604-822-7325, Fax: 604-822-7922
loretta.musselwhite@ubc.ca

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2. DEPARTMENT OF PSYCHIATRY 24th ANNUAL RESEARCH DAY

~~June 11, 2009~~ → **June 04, 2009**

***** Please note that the date has been changed from June 11th to June 4th.**

Join your colleagues and trainees to hear about latest research being conducted at UBC.

There will be opportunities for oral and poster presentations. Present your best research work and get the award (A total of four Awards for best poster and best oral presentations will be available).

Abstract submission deadline for trainees is **April 24, 2009.**

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3. WOMEN'S HEALTH RESEARCH NETWORK (WHRN) SUMMER INSTITUTE 2009

Conference - *More than a Catchphrase: Transformative Knowledge Translations in Women's Health* (attached)

Date: **May 21-22, 2009**
Time: 7-9 pm (May 21); 8 am–4:30 pm (May 22)
Location: Coast Capri Hotel, Kelowna BC

Call for Poster Abstracts:

Posters will be displayed at the welcome/registration reception the evening of May 21st, and for the full day on May 22nd. The poster session provides an opportunity for researchers to present their work to a diverse group of women's health researchers in a walk-up-and-talk setting. We invite poster presentations focused on original research in any area of women's health and gender and diversity health research as it relates to knowledge translation, including basic science, clinical, health promotion, epidemiology, social sciences, community-based, health policy, and health services research. Abstracts will be reviewed for originality of research and relevance to the Summer Institute themes and objectives. Recently presented work is welcome.

Students and emerging researchers are strongly encouraged to submit abstracts.
Deadline for submissions: April 27, 2009.

Visit the website at <http://www.whrn.ca/opportunities.html#for> for complete details.

Goals for Summer Institute 2009:

- Highlighting examples of knowledge translation and exchange in women's health research and how it is brought into further research, policy, practice and community settings
- Promoting discussion of promising practices in knowledge translation
- Reflecting on how women's health/gender and health research goals/outcomes/processes can become subverted in the KT process, and how this can be addressed
- Discussing the role of the WHRN in promoting KT in women's health/gender and health

View the details and register now at <http://www.whrn.ca/2009-SI-register-event.php>.

A block of guestrooms at the Coast Capri Hotel is being pre-paid by the WHRN. If you are travelling from within British Columbia and require accommodations for May 21st and/or 22nd, please complete and return the guestroom request form (downloadable from the registration page) by **April 20th, 2009**.

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4. NATURAL SCIENCES & ENGINEERING RESEARCH COUNCIL (NSERC)

Collaborative Research and Training Experience (CREATE) Program

LOI UBC deadline: April 27, 2009

LOI NSERC deadline: May 15, 2009

Due to NSERC's update of their website on March 18, the internal selection procedure we announced on March 12 is now changed.

We now require the complete LOI for internal review. This must be composed of:

1. Form 187, Letter of Intent (please note this year's Form 187 has been expanded).
2. Form 100 for the applicant

Please submit your CREATE LOI to Alison Ariss at ORS, #102-6190 Agronomy Road (TEF III Building) on or before the internal deadline. You may also submit it electronically as an attachment to Alison.Ariss@ors.ubc.ca

NSERC deadline for the Letters of Intent (LOI) is May 15, 2009. UBC will be now able to submit up to six LOI's to NSERC (instead of 4 NOI's in the last year). A UBC Review & Selection Committee is presently being formed to select the LOI's to be forwarded by UBC to NSERC.

NSERC Collaborative Research and Training Experience (CREATE) Program offers funding of up to \$1,650,000 for a total period of six years. This is the second offering of CREATE from NSERC.

The purpose of the CREATE Program is to support the training of teams of outstanding students and postdoctoral fellows from Canada and abroad through the development of

innovative training programs that encourage collaborative and integrative approaches, and address significant scientific challenges associated to Canada's research priorities, and facilitate the transition of new researchers from trainees to productive employees in the Canadian workforce.

Please see: http://www.nserc-crsng.gc.ca/Professors-Professeurs/Grants-Subs/CREATE-FONCER_eng.asp

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5. ROYAL COLLEGE OF PHYSICIANS & SURGEONS OF CANADA (RCPSC)

KJR Wightman Award for Scholarship in Ethics

Deadline: **April 30th at 5:00pm EST**

The Royal College presents this award for scholarship in ethics for the best scholarly paper presented by a resident registered in a postgraduate program. The award is named for Dr. Keith J.R. Wightman, Sir John and Lady Eaton Chair of the Department of Medicine at the University of Toronto Medical School from 1960 to 1970.

Eligibility

- Open to residents registered in a postgraduate program accredited by the Royal College.
- Scholarly papers on an issue in ethics or equity may qualify: papers arising from a clinical case, addressing ethical issues pertinent to the CanMEDS roles (medical expert, communicator, collaborator, manager, health advocate, scholar, professional), or on the topic of equity in any aspect relevant to the work of the College are welcome.
- The manuscript must be between 2500 and 5000 words, excluding the bibliography. This requirement is strictly observed.
- Papers with multiple authors must be accompanied by a letter or letters from the other authors that most of the work was done by the author entering this competition.

Submissions

- Submissions for the award must be accompanied by a curriculum vitae and submitted electronically.
- Send submissions to Ines Martin at imartin@rcpsc.edu.

The Award

This award is supported by the K.J.R. Wightman Visiting Professorship fund. The recipient will receive \$1,000 and a certificate and the award will be announced in College publications. The Award recipient will be offered the opportunity to have the winning paper posted on the Ethics page of the Royal College website.

Please visit their website for more details:

http://www.rcpsc.medical.org/awards/wightman_e.php

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6. WORKSAFE BC

Systematic Reviews - Request for Proposals 2009

NOI deadline : May 25, 2009

Proposals Deadline: June 29, 2009

This request for proposals (RFP) is for complete systematic reviews of available literature addressing specific research issues identified by WorkSafe BC. The RFP is open to researchers worldwide.

WorkSafe BC is dedicated to achieving a vision of workers and workplaces safe and secure from injury, illness and disease. To achieve this vision, WorkSafe BC must encourage and support the development and use of the best scientific evidence on the range of issues that workers, employers and the organization itself face concerning workplace health and safety.

The purpose of this competition is to develop a better understanding of the present state of knowledge on specific issues of priority to WorkSafe BC by soliciting proposals to: synthesize the existing research; provide critical assessment of the present knowledge level; and, possibly identify future knowledge needs in each of the areas specified.

The specific research questions/issues for this RFP relate to:

- Multiple Sclerosis as a Compensable Consequence
- Tendinitis/Tenosynovitis as described in Schedule B of the *BC Workers Compensation Act*
- Primary Cancer of the Skin as described in Schedule B of the *BC Workers Compensation Act*

For further information please visit their website:

http://www.worksafebc.com/contact_us/research/research_program/systematic_reviews/default.asp

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7. BURROUGHS WELLCOME FUND

Preterm Birth Initiative – Planning Grant

LOI Deadline: June 1, 2009

Application Deadline: December 1, 2010

The initiative is designed to bring together a diverse interdisciplinary group with expertise in genetics/genomics, immunology, microbiology and proteomics along with the more traditional areas of parturition research such as maternal fetal medicine, obstetrics, and pediatrics to address scientific issues related to preterm birth.

BWF has committed \$3.5 million for grants for the Preterm Birth Initiative. Awards will be made in a two-step process. Applicants for a planning grant must first submit a Letter of Intent by June 1, 2009. Only approved LOIs will be invited to apply to the full research grant.

The Planning Grant may be used for, but not limited to: travel for meetings between members of research groups, sample acquisition for later proposed studies, collection of pilot data, resources to support protocol generation, etc. Also, personnel costs, analysis costs, consumable supplies, animal studies, or human subject recruitment can be supported by the planning grant. BWF does not support indirect costs.

BWF anticipates making an initial 10 planning grants of which five full research grants will be awarded. Full research grants will provide up to \$600,000 over a four year period (\$150,000 per year) and are expected to begin in 2011.

For further information please see visit their website at:

<http://www.bwfund.org/pages/363/Preterm-Birth-Initiative/>

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8. SHASTRI INDO-CANADIAN INSTITUTE

2010-2011 India Studies Fellowship Competition

Deadline: June 30, 2009

The Shastri Indo-Canadian Institute invites applications from Canadian students, faculty, librarians and artists for a course of research or training in India during 2010-2011.

Eligible candidates include:

1. Students currently pursuing graduate degrees such as Master's or Ph.D. or wishing to pursue a specialized course of language training
2. Post-doctoral researchers
3. Faculty members and University librarians
4. Artists intending to train or study in India during the 2010 – 2011 academic year.

The purpose of the India Studies Programme is to promote understanding of India in Canada. Academic and Arts Fellowships are tenable for three to twelve months and four to twelve months respectively. The Fellowship covers a round trip airfare from the fellow's residence to the place of affiliation in India and a monthly allowance up to Rs 24,000 per month.

Fellowships are awarded on the basis of detailed proposals which are reviewed by academic and professional peers.

For more information please see attached and/or visit their website:

<http://www.sici.org/programmes/for-canadians/india-studies-fellowships-2010-2011/>

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9. CARL WIEMAN SCIENCE EDUCATION INITIATIVE EVENT

April 29, 2009

Carl Wieman Science Education Initiative

End-of-Year Event

Wednesday, April 29, 2009

Irving K. Barber Learning Centre

All are welcome – please pass this on to anyone you think may be interested

Talks

9am—11am, room 182

* Overview of CWSEI, Carl Wieman

* Adventures in Problem-Based Classroom Learning, Kimberly Voll, Computer Science

* Large Scale Measurements of Student Conceptual Learning and Attitudes, Doug Bonn, Physics and Astronomy

Poster Session

11am—1:30pm, room 261

Faculty and Science Teaching & Learning Fellows have put together about 40 posters on what's happening in the Earth & Ocean Sciences, Physics & Astronomy, Computer Science, Life Sciences, Chemistry, Statistics, and Mathematics CWSEI programs. These present many ways to implement: teaching strategies that engage students with the material, measuring conceptual understanding, TA development, improving students' ability to apply learning to novel situations, and many other educational improvements.

Afternoon Workshops & Discussion Session

Using Clickers Effectively

1:30 – 3:00pm, room 260 – Workshop led by Sara Harris, Earth & Ocean Sciences
Curious about clickers? Not sure how to use them most effectively? Clickers can be a useful tool for student learning, but success depends on good implementation. This workshop will give you practical experience to help you (1) articulate why you might choose to use clickers in YOUR class (or not), (2) write thought-provoking clicker questions, and (3) respond to student answers in real time. We will also discuss logistical issues and effective planning.

Invention Activities: Stimulating Students to Transfer Their Learning to Novel Situations

3:00 – 4:30pm, room 260 – Workshop led by Doug Bonn, Physics & Astronomy, and George Spiegelman, Microbiology & Immunology
Work by researchers at Stanford has suggested a novel model for student exercises that increases the ability of students to transfer their knowledge to new situations. We have adapted the model, in which students are asked to invent mechanisms, or methods of analysis, and tried them out here at UBC. The results are interesting, as are the experiences. We'll explore the background to these activities and demonstrate examples from Physics and Astronomy and from Biology. We will also describe and have the participants work on creating an invention activity.

Improving Learning by Reducing Unnecessary Demands on Working Memory

3:00 – 4:00pm, room 261 – Discussion led by Carl Wieman

The short term working memory is that portion of the memory that remembers and processes all the new information that is provided in a one hour lecture. This working memory has very limited capacity, and any additional tasks required of it reduces its effectiveness to process material. I will briefly discuss the background research on the working memory and its limits, and some commonly used teaching practices that are known to increase demands upon the working memory. Then there will be an extended

discussion as to what techniques can be used in lecture to reduce unnecessary demands on working memory and thereby improve student learning.

No sign-up required, contact Hiroko Blazevic for more information
(hiroko.blazevic@ubc.ca, 604-827-3119)

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10. UBC VANCOUVER PRESIDENT'S STAFF AWARDS – NOMINATION FORM (see attached)

Deadline: May 31, 2009

Attached is the nomination form and award information for the new UBC Vancouver President's Staff Awards. As previously announced this is a new award category designed to expand the awards available to UBC Vancouver staff. Its purpose is to complement the President's Service Award for Excellence and to recognize the personal achievements and contributions of staff to UBC.

The deadline for this award is May 31, 2009

UBC Okanagan has 4 awards to recognize the contributions of staff. For more information on these awards, please visit <http://web.ubc.ca/okanagan/facultystaff/current-staff/excellence.html>.

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11. BILL & MELINDA GATES FOUNDATION – GRAND CHALLENGE EXPLORATION GRANT (see attached)

Attention: Deans, ADRs, Dept. Heads and Directors
Re: **Call for Nominations: Round 3: Grand Challenge Exploration Grant – Bill & Melinda Gates Foundation**
Request: Please Distribute within Relevant Departments
From: Karissa Kozuback, Faculty Awards Coordinator, Office of Vice President Research

Please do not reply to this email address

[The Bill & Melinda Gates Foundation:](#)

The Bill & Melinda Gates Foundation has committed \$100 million to encourage scientists worldwide to expand the pipeline of ideas to fight our greatest health challenges. Grand Challenges Explorations fosters innovation in global health research. Launched in 2008, [Grand Challenge Explorations grants](#) have already been awarded to more than 100 researchers from 22 countries.

Applications for Round 3 of Grand Challenges Explorations are now being accepted. Each round of the Grand Challenges Explorations initiative awards grants against a set of specific topics:

Topics for Round 3 are:

- [Create Low-Cost Diagnostics for Priority Global Health Conditions](#)
- [Create New Ways to Induce Mucosal Immunity](#)
- [Create New Vaccines for Diarrhea, HIV, Malaria, Pneumonia and Tuberculosis](#)
- [Create New Tools to Accelerate the Eradication of Malaria](#)

(click [here](#) to read more)

Open to All Disciplines Anyone Can Apply:

The grant program is open to anyone from any discipline, from student to tenured professor, and from any organization – colleges and universities, government laboratories, research institutions, non-profit organizations and for-profit companies.

Initial grants of \$100,000 are awarded two times a year. Successful projects have the opportunity to receive a follow-on grant of \$1 million or more. The initiative uses an agile, accelerated grant-making process with short two-page applications and no preliminary data required. Applications are submitted online, and winning grants are chosen approximately 4 months from the submission deadline.

Deadline:

The deadline is May 28, 2009. Please [click here](#) for further details on the application process.

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thanks in advance for forwarding this information to any UBC staff or faculty in your unit

MOST presents the following workshops for May 2009 ...

Also, please see the attached documents for a complete calender of MOST workshops.

For a list of FREE workhops and semninars by the Department of Health, Safety and the Environment please check out

<http://www.hse.ubc.ca/healthpromotion.html>

Communicating with Compassion

May 5, 2009, 9:00 am - 4:00 pm,
Location: Vancouver Point Grey Site
cost: \$130

When we speak with others, are we sure they hear what we are really saying? Is it possible to move through life and change with ease and clarity?

Most of us agree that the sender of the message must take responsibility for clear communication. This gives us a choice. We can choose the words, the medium, often even the timing of our communication. This introductory session will provide participants with an opportunity to learn a language and process that helps build a quality of connection in which people can hear each other. By taking full responsibility for our communication we can relieve others of the burden of interpretation and eliminate frustration and exhaustion

Moving from Peer to Leader 2,

May 13, 2009, 9 am - 4pm,
Location: Vancouver Point Grey Site
cost: \$195

This one-day workshop is of interest to staff who would like to further explore and develop the concepts and techniques learned in the introductory Moving from Peer to Leader workshop (completion of the level 1 session is a mandatory pre-requisite).

Navigating the General Purpose Operating Fund Budget,

May 20, 2009, 9am - 12 pm,
Location: Vancouver Point Grey Site
free

UBC budget processes and requirements can seem complex and intimidating: GPOF (General Purpose Operating Fund), budget pools, fund accounting, fiscal versus annualized budgets, are just some of the terms that have a special meaning within our environment. This workshop will provide a practical overview of the budget process through lecture, problems and case studies illustrating how GPOF budgets are managed at UBC.

Insights into Personal Effectiveness,
May 22, 2009, 9am - 4:00 pm,
Location: Vancouver Point Grey Site
cost: \$285

Insights into Personal Effectiveness is a one day workshop that uses the Insights Discovery Program as a foundation for learning about ourselves and others. Using each participant's Insights Discovery Personal profile, the program enables everyone to understand their own personality better, to identify other types of personalities and to adapt to different communication needs. The use of our four Insights colour energies will create a memorable common language and understanding on which participants can base their future interactions.

Cultivating Intuition,
May 25, 2009, 1pm - 4:00 pm,
Location: Vancouver Point Grey Site
cost: \$65

During the workshop, participants will explore different characteristics of intuition to better recognize and begin acting on their own intuition immediately. As result, particiapnts will increase their capacity to make non-stressful choices, advance self-understanding and heighten both productivity and job satisfaction.

To register for any of these workshops follow the links from : <http://www.hr.ubc.ca/odl/>
(please note you will need your campus wide login to acess this system)

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13. [IT] COMPUTER VIRUS TRANSMISSION

USB memory sticks are the most common way that viruses, trojans and worms are brought onto Psychiatry computers. Please protect your personal computer by;

- Using antivirus software. Sophos Antivirus is free to the UBC community, on the IT Services web site.
- Setup a Limited user account and use it for most tasks, rather than using an Administrator account.

Technical Support
PsychIT@exchange.ubc.ca
604-827-5695

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14. Creating a Respectful and Inclusive Workplace for UBC Employees with Disabilities

The Equity Office has recently created a booklet: *Creating a Respectful and Inclusive Workplace for Employees with Disabilities*.

This booklet is the result of a collaboration of a number of UBC offices including Human Resources, Access and Diversity, Health Safety and Environment, University Counsel, Faculty Relations and the Equity Office. Representatives from each of these offices meet regularly to discuss common issues arising from UBC's duty to accommodate employees with disabilities. Members of this Duty to Accommodate committee saw a need for a document designed primarily for Unit Heads and other supervisors that would: provide information about our obligations with regard to accommodating employees with disabilities; encourage departments to be proactive in their approach to accommodation; and provide guidance to those involved in the accommodation process.

A pdf version of the booklet is available online at:

http://www.equity.ubc.ca/assets/pdf/publications/brochures/creating_a_respectful_and_inclusive_workplace_for_employees_with_disabilities.pdf. If you would prefer a print copy (or copies) of the booklet, please contact the Equity Office at 604-822-6353 or email equity@equity.ubc.ca.

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15. BCcampus Online Program Development Fund

Please note that this message is sent on behalf of Dr. Anna Kindler, Vice Provost and Associate Vice President Academic Affairs.

The BCcampus Online Program Development Fund (OPDF) provides an opportunity to develop courses and reusable resources that support online learning collaboratively with educators from BC post-secondary institutions. This year, \$1 million is being made available through this fund. Information about the program and submission process are attached to this email.

The 2009 round of the Online Program Development Fund has four categories:

1. Courses
2. Learning Objects
3. Open Textbooks
4. Professional Learning Resources

BCcampus stipulates that the proposals must be coordinated through, approved, and submitted via e-mail by the head of institutional academic affairs. At UBC, the Office of Learning Technology is coordinating the submissions for UBC on behalf of the Office of the Vice Provost and Associate VP Academic Affairs.

A key consideration of these proposals is the strategic support of the submitting institution(s). In order to demonstrate this support, we ask that each application include a Unit Approval Form (attached) signed by the same individuals who normally sign Teaching and Learning Enhancement Fund applications (Department Head or equivalent and Dean/Director).

Please visit <http://www.olt.ubc.ca/bccampus/> to view followings:

- 1) Unit Approval Form: unitapproval_BCcampus2009.doc
- 2) The BCcampus OPDF Request for Proposals (2009OPDFRFPFinal.pdf).
- 3) The BCcampus Application Form (APP2009OPDF.doc).
- 4) A Frequently Asked Questions summary from BCcampus (FAQ2009OPDF.pdf).

You may also access this information online at:

Please submit the BCcampus proposal form and this Unit Approval Form by e-mail to Michelle Lamberson (Director of the Office of Learning Technology), michelle.lamberson@ubc.ca, by **May 26, 2009**, 5:00 PM. Late applications will not be accepted.

Queries regarding the BCcampus OPDF may be directed to Michelle Lamberson via e-mail michelle.lamberson@ubc.ca, or phone 604-827-5159.

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UNIVERSITY OF BRITISH COLUMBIA



13-May-09

Tri University Symposium

8:30 a.m.

Welcome: Dr. Lakshmi N. Yatham

8:45

Opening Remarks

Dr. John Hepburn,
VP- Research
University of British Columbia

8:50

Opening Remarks

Dr. Gavin Stuart, Dean,
Faculty of Medicine,
University of British Columbia

8:55

Opening Remarks

Dr. L. Trevor Young, Head,
Department of Psychiatry,
University of British Columbia

9:00

Chair: Dr. L. Trevor Young
Overview of Seoul Department of
Psychiatry, SNUH

Dr. Maeng Je Cho, Chairman,
Department of Psychiatry,
Seoul National University

9:30

Chair: Dr. Lakshmi N. Yatham
Overview of Research at Institute of
Psychiatry, Sao Paulo, Brazil

Dr. Beny Lafer,
Department of Psychiatry, Instituto
de Psiquiatria, Sao Paulo Brazil

10:00

Chair: Dr. Yong Sik Kim (SNU)
Research on Psychosis at UBC

Dr. William Honer
Jack Bell Chair in Schizophrenia
Research

10:30 - 11:00

Coffee Break

Tri University Symposium

11:00	Chair: Dr. Soo Churl Cho (SNU) Cellular toxicity in bipolar disorder	Dr. Marica Kauer Santanna, Federal University of Rio Grande do Sul, Hospital de Clinicas de Porto Alegre, Brazil
11:30	Chair: Dr. William Honer Brain abnormalities according to prodrome & psychotic stages in schizophrenia.	Dr. Jun Soo Kwon, Department of Psychiatry, Seoul National University
12:00	Chair: Dr. Kyooseb Ha (SNU) Research on endophenotypes in Bipolar Disorder	Dr. Karla Mathias de Almeida, Department of Psychiatry, Instituto de Psiquiatria, Sao Paulo Brazil
12:30 - 1:30	Lunch	
1:30	Chair: Dr. David Bond Clinical and neurobiological studies on bipolar II disorder in SNUH	Dr. Tae Hyon Ha SNU Bundang Hospital
2:00	Chair: Dr. Michael Kraus Addiction Research at UBC: Current Approaches and Evolving Perspectives	Dr. Christian Schütz, UBC
2:30	Chair: Dr. Allan Young Overview of Research in Basic Neuroscience at UBC	Dr. Anthony Philips, Professor, UBC
3:00	Chair: Dr. L. Trevor Young Schizophrenia: From genes to brain	Dr. Daniel R. Weinberger, Director: Genes, Cognition and Psychosis Program, IRP, NIMH, NIH



**UBC PRESIDENT'S STAFF AWARDS
(UBC Vancouver only)**

NOMINATION FORM

Please complete the following information regarding your nominee:

1. FULL NAME OF NOMINEE:

2. ADDRESS AND TELEPHONE NUMBER:

3. PRESENT TITLE AND POSITION:

4. FACULTY OR DEPARTMENT

5. PLEASE INDICATE THE AWARD FOR CONSIDERATION:
 - Leadership and Creativity
 - Enhancing the UBC Experience
 - Global Citizenship

6. SHORT RESUME (AS DETAILED AS POSSIBLE):
Please enclose with nomination form, if available.

7. PLEASE STATE WHY YOU FEEL THIS NOMINEE SHOULD BE AWARDED A STAFF AWARD: *(enclose with form)*
 - Identify the individual's achievement/contribution, how it was accomplished and how it was beyond the normal requirements of the individual's job
 - Describe the impact of this individual's achievement/contribution relative to the criteria for the recommended award (see criteria below)
 - Describe the overall impact of the individual's achievement/contribution to UBC

8. PLEASE ATTACH AT LEAST TWO, AND NO MORE THAN FIVE, LETTERS OF SUPPORT (PROVIDED BY PARTIES OTHER THAN THE NOMINEE OR NOMINATOR eg. COLLEAGUES, STUDENTS)



9. SUBMITTED BY: (*PLEASE PRINT*)

NAME: _____

CAMPUS ADDRESS: _____

PHONE NUMBER: _____

SIGNATURE: _____

DATE: _____

PLEASE RETURN THE COMPLETED FORM ON OR BEFORE *MAY 31* TO:

**Chair, UBC President's Staff Awards Committee
c/o Ceremonies Office
2029 West Mall, 2nd Floor, Ponderosa B
Vancouver, BC V6T 1Z2**

PLEASE NOTE:

- ALL INFORMATION SUBMITTED ON BEHALF OF THE NOMINEE WILL BE KEPT STRICTLY CONFIDENTIAL.
- ONE NOMINATION FORM PER NOMINEE IS SUFFICIENT, ALONG WITH THE LETTERS OF SUPPORT.
- AN ACKNOWLEDGEMENT LETTER WILL BE SENT TO THE **NOMINATOR** UPON RECEIPT OF THE COMPLETED NOMINATION FORM.
- NAMES WILL NOT BE CONSIDERED BY THE COMMITTEE WITHOUT A COMPLETED NOMINATION FORM.



CONCEPT OF AWARD:

To complement the President's Service Award for Excellence with 6 additional awards to recognize the personal achievements and contributions of UBC Vancouver staff to UBC and to the vision and goals of the University.

AWARD: \$2,000 per recipient (up to 6 recipients per award cycle) and a framed certificate.

NOMINATION PROCEDURE:

All UBC employees and students may nominate staff employees for this award. All UBC Vancouver permanent staff with a minimum of three years continuous service are eligible.

Nomination forms will be circulated to all Deans, Department Heads, Directors of Schools and Service Unit Administrators, as well as applicable student associations. Nomination procedures will also be published in campus e-mails and on campus websites.

Nominators will be required to provide rationale and background information on the individual nominees. Support letters from other colleagues and students will also be required and received for evaluation.

The Committee is made up of representatives from administration, faculty, M&P, union staff, and students. This Committee will administer, receive, evaluate and recommend the winners for each year.

UBC OKANAGAN:

UBC Okanagan have 4 new awards to recognize the contributions of staff. For more information on these awards, please go to http://web.ubc.ca/okanagan/facultystaff/Staff_Awards_of_Excellence.html .

NOTE: All the Staff awards mentioned above are in addition to the UBC President's Service Award for Excellence, for which all UBC employees are eligible.

For more information on the President's Service Award for Excellence, please go to <http://www.ceremonies.ubc.ca/ceremonies/honours/index.html#psae> or e-mail ceremonies.office@ubc.ca.



AWARD SPECIFIC CRITERIA

Leadership and Creativity: awarded to someone who accomplished some or all of the following...

- Demonstrated a high level of problem-solving skills
- Provided a sense of purpose, vision and mission for their co-workers and/or team members
- Positively influenced others to build consensus around departmental or organizational objectives
- Contributed to a project or initiative that enabled a more effective environment in which to work or learn (within three years prior to the nomination)
- Created new, cost-effective, sustainable and/or innovative methods for performing day-to-day operations
- Managed and led a team to go above and beyond expectations

Enhancing the UBC Experience: awarded to someone who accomplished some or all of the following...

- Provided a high level of customer service over and above their job description
- Maintained a consistently high quality of service to their clients (students, faculty, etc.)
- Created innovative programs and opportunities for clients
- Anticipated clients' needs and potential problems
- Improved the value, efficiency and sustainability of the services they provide
- Served as role models through positive interactions

Global Citizenship: awarded to someone who accomplished some or all of the following...

- Displayed commitment to community enhancement in either the UBC community or service to another community
- Exemplified good citizenship through personal volunteerism or by helping to position UBC as a good citizen in the wider world
- Served as a mentor and/or model citizen to students, faculty, staff, or community members outside of UBC

DEADLINE FOR NOMINATIONS: MAY 31

Rules and Guidelines

Grand Challenges Explorations Round 3

Proposals due by May 28, 2009

I. Overview

Grand Challenges Explorations supports hundreds of early-stage research projects – many pursuing ideas that have never before been tested and involving scientists from a wide range of disciplines and regions. The Explorations initiative funds innovative ideas that could lead to new vaccines, diagnostics, drugs, and other technologies targeting diseases that claim millions of lives every year.

The Explorations initiative is an expansion of the Bill & Melinda Gates Foundation's commitment to the Grand Challenges in Global Health, which was launched in 2003 to accelerate the discovery of new technologies to improve global health. To date, the foundation has committed over \$450 million to support more than 40 projects on topics such as making childhood vaccines easier to use in poor countries, and creating new ways to control insects that spread disease.

Key features of the Grand Challenges Explorations initiative are:

- A short application. Two-page applications are accepted online at www.grandchallenges.org/explorations.
- Rapid turnaround time. We will select grants in the Grand Challenges Explorations in approximately 3 months from the proposal submission deadline.
- We are willing to take significant risks, reviewing for novel ideas that show great promise. Our review process is not based on consensus and feature reviewers with a track record of identifying innovative ideas.
- A **Phase I grant of \$100,000 USD** will be awarded with an opportunity for successful projects to receive a follow-on **Phase II grant of \$1,000,000 USD**.

Tips for Grant Seekers

- Your proposal must represent an innovative approach that addresses the scientific barrier described in a topic. The foundation has a number of other avenues of funding for the equally important research that is within currently accepted paradigms. Such work will not be funded under Grand Challenges Explorations.
- Applications are sent to reviewers without personal or organizational information. Do not include this in the body of your proposal.
- Your proposal will be reviewed by a panel with broad expertise and a track record in identifying innovations – these reviewers may not be deep domain experts in your field. You must describe your idea in clear language without the use of jargon unique to your field.
- The work proposed in your application must include a clear set of key experiments or activities that test your idea in a way that could provide sufficient evidence to motivate Phase II funding. Proposals with vague descriptions or vague testing methodologies will not be funded.

II. Application Instructions

Schedule

Key dates and deadlines for Round 3

Key Dates	Event
March 31, 2009	Application period opens
May 28, 2009	Application deadline
July 2009	Proposal review completed
September 2009	Selections completed
October 2009	Decision communicated via e-mail and grants published on www.grandchallenges.org

How To Apply

Changes to the Rules and Guidelines will be posted on the [Frequently Asked Questions](http://www.grandchallenges.org) page of the Grand Challenges in Global Health website (www.grandchallenges.org), including any changes to the dates listed above. Please read the current FAQs before submitting any questions or concerns.

Any information submitted by you or on your behalf with respect to the Grand Challenges Explorations initiative (including your proposal, reports, and any related documentation and communications) will be subject to and handled in accordance with the provisions in the [Privacy Policy](#).

The Grand Challenges Explorations initiative will publish topics and invite proposals twice a year, in two separate rounds. Each round, grant seekers must select only one of the topics under which to submit and may submit only one proposal. Submit your best idea. You may submit multiple ideas in partnership with collaborators, but an individual PI may lead the submission of only one proposal each round. You must select a topic prior to submitting a proposal. View the detailed topic descriptions and determine which topic best suits your idea. You may change your topic and edit your proposal any time before the application deadline.

If you are an existing user, you can log in to your existing account. All new users please create an account, select your topic, and upload your proposal.

Application Format

We encourage you to use the provided application form, which can be downloaded at: [Explorations Application Form](#). You are required to submit either a Microsoft Word® or PDF document; no more than 2 pages in length. References to academic publications are not required and, if included, must fall within the 2-page limit. Please do not include a cover sheet with your proposal. A cover sheet will be automatically generated from your registration data.

The review and evaluation of your application is not based on your past history or institutional capabilities. **No personal or organizational information should be included in the uploaded application.** Proposals that do not adhere to these restrictions may be blocked from submission and will not be reviewed.

Proposals for Round 3 must be submitted prior to the submission deadline on May 28, 2009.

Eligibility Criteria

Grand Challenges Explorations is open to both foreign and domestic non-profit organizations, for-profit companies, international organizations, government agencies and academic institutions. Grants will not be provided to individuals.

Upon registration, applicants must provide information about the tax status of their organization as different grant terms and conditions may apply. We recommend that you confirm your tax status with the appropriate entity within your organization such as your grants or contracts department, finance or office of sponsored research.

In addition, during the application process we will require you to answer the following questions:

1. *To help us better understand the potential scope of activity in this area of research, and to possibly assist you in building necessary relationships with other organizations, please identify any third party that owns intellectual property encompassing or related to the intended health product, technology, or approach that is the focus of this proposed project. We anticipate that you will identify any known third parties based only on your current knowledge. We do not require that you conduct any type of inquiry into the intellectual property rights of third parties.*
2. *Do you authorize the foundation to communicate with you on topics that we think might be of interest to you (for example, sharing with you future opportunities for funding)?*
3. *Confirm that you have read and understand the [Website Terms and Conditions](#), [Privacy Policy](#), and Rules and Guidelines Document, and acknowledge that any information submitted on their behalf with respect to the Grand Challenges Explorations Initiative (including your proposal, reports, and any related documentation and communications) will be subject to and handled in accordance with such provisions.*

III. Review Process

Review and Handling of Proposals

The review of proposals is a critical element of the Grand Challenges Explorations initiative - its goal is to filter and harness creative ideas. For each round of the initiative, we will advertise a set of challenges carefully defined to elicit innovative responses to critical barriers to health solutions that fall within the context of the Grand Challenges in Global Health.

All data and proposal information uploaded through the submission site will be considered sensitive and protected from public view. The goal of the review is to filter and harness creative ideas. Proposals will not be compared to each other directly. Proposals will be sent to reviewers without personal or organizational information.

Due to the large number of proposals anticipated, applicants for proposals that are not selected for award will receive a notification of decline without specific feedback. Nonetheless applicants are encouraged to submit ideas in future rounds.

The review process for Phase I will be executed in four steps:

1. The first step will consist of screening submissions by staff to address whether the proposal addresses the key needs described in the topic. We will screen for completely unrelated responses as well as specifically excluded related responses outlined in the topic description. These excluded responses encompass ideas related to the topic but for strategic reasons, we would not plan to fund under this initiative. In addition we will exclude proposals consider as incremental advances, appropriate responses that are similar to work the Global Health Program is already investing in, or avenues of inquiry we deem ill-suited to the Grand Challenges Explorations grant structure. Applications excluded during the screening process will be notified that their proposals were declined.
2. For the second step of the evaluation, reviews will be chaired by the President of the Global Health Program, with reviewers drawn from the world's leading innovative minds, who do not necessarily have deep domain expertise for the full range of topics. Unlike most scientific funding programs, individual reviewers are empowered to make funding decisions without consensus on selections. Proposals will be sent to reviewers without any personal or organizational information.

In order of importance, the criteria for these reviews are:

- **Topic Responsiveness** – How well does the proposal address a key need illustrated in the topic description?

- **Innovative Approach** – Does the idea offer an unconventional, creative approach to the problem outlined in the topic?
 - **Execution Plan** – Is the work described feasible within the budget and time allocated for a Phase I GCE award and if successful, would it be sufficient to show a clear path to further support?
3. The third step will be a validation and final selection by an Executive Committee of the proposals initially selected by reviewers in the second step of the evaluation. The Executive Committee will be chaired by the Director of Global Health Discovery.
 4. The fourth and final step will be a due diligence review to ensure that the potential grantee is an appropriate recipient of foundation funding. While the first three steps of the review will largely be blind to the institution and investigator, the due diligence review will ensure that the investigator and institution have the basic capacity to receive the grant and perform the work described. Individuals with successful projects will be contacted at this point. Investigators with unsuccessful projects will receive notice that their project was not selected. **Due to the large volume of proposals we will not be able to give specific feedback as to why an individual proposal was not selected.**

Phase II Review Process

A final report will be prepared by the grantee to be submitted at the completion of their Phase I project. Phase I awardees will be invited to submit a proposal for continued activities in Phase II. Ideally, we will have the reviewers who had originally championed the Phase I selection of the proposal review the Phase II application, as well as additional experts. A more detailed description of the Phase I reporting and Phase II proposal process will be provided post-award.

Management of Conflict of Interest

To identify and avert conflicts of interest among reviewers, reviewers will not be permitted to review proposal from organizations which the reviewer has self-identified conflicts of interest.

IV. Key Elements of GCE Phase I Grant Terms and Conditions

The detailed Sample Grant Terms and Conditions can be found in the Appendix at the end of this document. These Terms and Conditions have been developed specifically for the Grand Challenges Explorations initiative **and are not negotiable**. **You are advised to ensure that your institution can accept these Terms and Conditions at the time of proposal submission.** If your proposal is selected, you will be provided 30 days after the notification of award to accept the grant and return the award letter with an appropriate institutional signature.

1. The term of the Phase I grants expires 12 months from the date of the offer of award. The grant award will be \$100,000 USD. A single 6 month no-cost extension can be requested.
2. The grant award offer is only valid for 30 days – the applicant must return a fully executed Grant Agreement to the foundation within this time to receive a GCE Phase I grant award.
3. For non-profit grantees, funds will be disbursed upon return of a fully executed Grant Agreement to the foundation. For-profit grantees must submit quarterly invoices of expenditures in order to receive disbursement of funds. Specific instructions for invoicing for for-profit grantees will be provided at the time of the award.
4. If an annual meeting of GCE grantees is hosted by the foundation, additional funds will be provided to support up to two investigators from the project to participate in the annual meeting.
5. No grantee will be permitted to make subgrants, but all grantees will be permitted to contract out for services, up to a maximum of one-third (1/3) of the grant funds (\$33,000 USD). Phase II grants will not have this limitation.

6. All grantees will be entitled to purchase equipment, provided that each item is \leq \$5,000 USD and that the aggregate purchases do not exceed 1/4 of the grant funds (\$25,000 USD). Phase II grants will not have this limitation.
7. The funds may be used to cover the full direct costs of the project, but no grantee will be entitled to use grant funds to cover indirect costs. Please see sample Terms and Conditions for the definition of indirect costs. Phase II grants will follow the foundation's normal guidelines for indirect costs.
8. Non-US grantees will not be allowed to use grant funds for US expenditures. Note that items such as equipment, reagents, or other consumable purchased from US-based distributors are not subject to this restriction. However, using grant funds to travel to or from the United States is subject to this restriction. Phase II grants will not have this limitation.
9. Grant funds may be used for human subjects research (including, but not limited to, the use of any human tissue samples or the conduct of human clinical trials), but grantees must have all appropriate approvals, assurances and certifications (including, but not limited to, IRB approvals) on the date the Grant Agreement is fully executed. Grantees do not need to have all required Approvals in place at the time of application, however they must receive them as of the date the Grant Agreement is fully executed
10. The grantee must agree, to the extent it is within their reasonable control, to conduct and manage support of the research, product development and innovations funded by this grant in a manner that facilitates the achievement of the Global Access Objectives with respect to knowledge, intellectual property, and products arising from the research. Please see paragraph V of the Terms and Conditions in the Appendix describing the Global Access Objectives.

Additional details with regard to the Grant Terms can be found in the Sample Terms and Conditions provided as an appendix to this document. Please note that the specific set of Sample Terms and Conditions that would apply to the grant is dependent on the tax status of the grantee organization. We strongly encourage you to share the Sample Terms and Conditions with the appropriate entity within your organization such as your grants and contracts department, legal department or office of sponsored research.

V. Phase I Reporting

A Final Financial and Scientific Progress Report will be prepared by the grantee. This report is due as described in the Reporting section of the Sample Grand Challenges Explorations Terms and Conditions. The report is to be submitted electronically and should be a cumulative, stand-alone document that describes the work proposed in the grant award. The scientific section of the report must include any technical data gathered, models developed, and summary conclusions. This financial section of the report should include an account of the funds expended. Detailed instructions for the reporting format, including the format for the optional Phase II proposal will be provided at the time of award.

VI. Phase II Grand Challenges Explorations Initiative Awards

During the Phase I grant period, the grantee may compete for Phase II awards up to \$1,000,000 USD. Phase II grants will have a term of two years. Only Phase I grantees will be eligible to compete for Phase II awards. To be considered for a Phase II award, the grantee must submit a Phase II application with their Final Financial and Scientific Report as described in the Reporting section of the Sample Grand Challenges Explorations Terms and Conditions. Additional details regarding the Phase II grants will be provided to Phase I grantees at the time of award.

VII. Privacy Notice and Terms of Use

Our full privacy policy and terms of use is located at www.grandchallenges.org/about/Pages/TermsofUse.aspx

Representation. By providing any Submission Materials, the sender represents to the Bill & Melinda Gates Foundation that they have the right to provide the information submitted.

Applicants with questions concerning the contents of their Submission Materials may contact the Bill & Melinda Gates Foundation at: GCExplorations@gatesfoundation.org

VIII. Frequently Asked Questions

Changes to this document will be made displayed as [Frequently Asked Questions](#) at www.grandchallenges.org. Please refer to these [Frequently Asked Questions](#) regularly, as they may impact the structure of program.

IX. Inquiries

Please direct all questions about this initiative, selection criteria, or application instructions by e-mail to the following address: GCExplorations@gatesfoundation.org

Under exceptional circumstances, we will consider accepting submissions from those unable to use the online tool. To discuss this option please call 1-800 5555 4423 and for callers within the United States 866 940 4423 for further instructions. Note: this is not a direct line but a voice mail message service – we will return calls to this line if you indicate that you are unable to submit via the online tool. Alternatively, you may submit an application via regular mail to:

Bill and Melinda Gates Foundation
GCE Applications
PO Box 23350
Seattle, Washington 98102
USA

Note: This option is ONLY for those unable to use the online tool.

Appendix

Sample Grand Challenges Explorations Terms and Conditions

I. Organizational Eligibility and Use of Funds

Tax-Exempt Status. The Foundation will make grants in reliance on the correct representation in your grant application as to the tax status of your organization. You must indicate which of the following descriptions applies to your organization.

The organization is:

- Exempt from United States Federal income tax under section 501(c)(3) of the United States Internal Revenue Code of 1986 (the “Code”) and not a private foundation;
- A United States government unit described in section 170(c)(1) of the Code;
- A foreign government or an agency or instrumentality of a foreign government that has provided to the Foundation a Foreign Government Affidavit;
- A foreign (non-U.S.) non-profit charitable organization that has provided to the Foundation, prior to the execution of the Grant Agreement, a completed Foreign Public Charity Equivalency Affidavit sufficient to allow the Foundation to make a good faith determination that your organization is described in section 501(c)(3) of the Code and not a private foundation;
- Not a tax-exempt organization under the U.S. Internal Revenue Code of 1986 or a private foundation under such U.S. tax law. As a result, the Foundation is required to exercise expenditure responsibility with respect to this grant. As a condition to receipt of the grant funds, you agree to take all actions necessary to facilitate the Foundation’s compliance with its expenditure responsibility obligations.

Use of Grant Funds. The use of the grant funds must be restricted solely to the purposes of the Project described in the Proposal. Grant funds may not be used: (a) for any purpose other than the Project; (b) to carry on propaganda or otherwise attempt to influence legislation; (c) to influence the outcome of any public election or to carry on, directly or indirectly, any voter registration drive; (d) to make a subgrant to any individual or to any other organization; or (e) for any purpose other than charitable, scientific, literary or educational purposes. Any portion of the grant funds unexpended or uncommitted at the end of the grant period must be promptly returned to the Foundation.

FOR NON-U.S. GRANTEES: All payments will be made in US dollars and will not be adjusted to reflect currency fluctuations. Grant funds may not be used to support activities in the United States, including travel to or from the United States.

Limitations on Capital Assets. You may use the grant funds to purchase capital assets such as equipment so long as (1) the assets are used exclusively for the Project during the term of the grant; (2) the cost of any single capital item does not exceed US\$5,000; and (3) the aggregate amount of Foundation grant funds used to purchase capital assets does not exceed one-quarter (1/4) of the total grant funds (US\$25,000).

Indirect Costs. Grant funds may not be used to pay any indirect costs. Indirect costs are defined as (1) overhead expenses incurred as a result of the Project, but that are not easily identifiable with the Project and (2) administrative expenses that are related to overall general operations and are shared among projects and/or functions. Examples of indirect costs include, but are not limited to, executive oversight, accounting, grants management, legal expenses, utilities, facility maintenance.

Anti-Terrorism. You acknowledge that you are familiar with the U.S. Executive Orders and laws that prohibit the provision of resources and support to individuals and organizations associated with terrorism and the terrorist related lists promulgated by the U.S. Government. You will use reasonable efforts to ensure that you do not support or

promote violence, terrorist activity or related training, or money laundering. Such efforts to comply with this provision should not be interpreted to interfere with your commitment to academic freedom and open debate on controversial issues.

II. Compliance and Indemnification

Compliance By All Parties. As the grantee for the Project, you agree that (1) all agreements with subcontractors to which you pay Foundation grant funds will be consistent with the terms and conditions of the Grant Agreement; and (2) all subcontractors to which you pay Foundation grant funds shall be in compliance with the terms of the Grant Agreement (including but not limited to all limitations on the use of grant funds). You also agree that any activities by the Foundation in association with the Project or the Proposal will not modify the provisions of the Grant Agreement or constitute the basis for any claim by you against the Foundation. You have obtained all necessary regulatory and governmental licenses and approvals required to pursue the Project.

Conflict of Interest. You represent that you and any subcontractors selected by you to participate in the Project shall have in place and agree to comply with a conflict of interest policy, and that such policy complies with all relevant regulatory and legal requirements.

III. Research Practice Assurances

Limitations on Human Subjects Research. Grant funds may be used for human subjects research (including, but not limited to, the use of any human tissue samples or the conduct of human clinical trials), but you must have all appropriate approvals, assurances and certifications (including, but not limited to, IRB approvals) as of the date the Grant Agreement is fully executed.

Compliance For All Sites. You agree for each venue in which any part of the Project is conducted, you and your subcontractors shall comply with all laws and regulations applicable to the conduct of the Project (including, but not limited to, any research or other activities that are governed by human subjects, animal welfare, and/or biosafety guidelines, laws or regulations), as well as to comply with and assure and gain timely, appropriate prior approval for all activities subject to regulation and/or other types of required assurances, certifications or legal requirements. All appropriate approvals, assurances and certifications must be obtained no later than the date the Grant Agreement is fully executed. You acknowledge and agree that, as between you and the Foundation, you take and will have full responsibility for all such compliance, both for yourself and all other sites included in the Project, including without limitation those activities conducted through subcontracts.

IV. Payment and Reporting Schedules

Payment. The Foundation will disburse grant funds to tax-exempt organizations under the U.S. Internal Revenue Code of 1986 or a private foundations under such U.S. tax law via check or wire transfer within 10 business days of receipt of the countersigned Grant Agreement.

FOR FOR-PROFIT GRANTEES: Subject to the Foundation's receipt of the countersigned Grant Agreement, the Foundation will disburse grant funds to you via check or wire transfer based on your performance of all obligations under this Grant Agreement, and upon your submission of invoices to the Foundation for any amounts receivable under this Grant Agreement. Invoices shall be submitted quarterly and each shall contain enough detail to enable the Foundation to determine the accuracy of the amount(s) requested. Except for amounts the Foundation withholds in good faith, the Foundation's payment to you of each properly submitted and correct invoice will be due thirty (30) days after the Foundation receives that invoice. All invoices shall be sent to the Grand Challenges Explorations Program Coordinator at GCExplorations@gatesfoundation.org.

Reporting. You agree to provide the Foundation with a Final Financial and Scientific Progress Report no later than November 1, 2010. You may apply for one no-cost extension for this deadline, provided that you agree to submit an additional Interim Financial and Scientific Progress Report no later than November 1, 2010 in addition to the Final

Financial and Scientific Progress Report which would then be due May 1, 2011. If you wish to be considered for a Grand Challenges Explorations Phase II grant, you agree to provide the Foundation with your Phase II Grant Proposal with the submission of your Final Financial and Scientific Progress Report. The Foundation's Reporting Guidelines and template will be posted on the web-based communications tool, *The GCE Forum*. Grant recipients will be forwarded passwords and access information for the GCE Forum once a countersigned grant agreement has been returned. Your reports should be submitted electronically to the Grand Challenges Explorations Program Coordinator at GCEexplorations@gatesfoundation.org. In certain circumstances an Interim Financial and Scientific Report may not be required if an extension is taken. The Grant Agreement will further define when interim reporting requirements apply.

Subcontracts. Although you may not subgrant any funds received under the Grant Agreement, you may subcontract with third parties to conduct Project activities, so long as the aggregate amount of Foundation grant funds paid to subcontractors does not exceed one-third (1/3) of the total grant funds (US\$33,000). As the grantee for the Project, your organization has sole responsibility for selection and oversight of any and all subcontractors. The Foundation does not approve the selection of any of your subcontractors, and will not oversee their respective activities. Therefore, no implication should be made to investors, media or the general public that the Foundation supports the activities of any subcontractor. The Foundation requires that you include this stipulation in any agreements with subcontractors you engage to assist with the Project.

FOR FOR-PROFIT GRANTEES: Record Maintenance and Inspection. You agree to maintain (and cause your subcontractors to maintain) adequate technical and financial records to enable the Foundation to easily determine how the grant funds were expended. Such records shall be maintained for at least three years following termination of the Grant Agreement, and will be available for review by the Foundation personnel or our designee upon reasonable notice.

V. Global Access Objectives

You understand and acknowledge that the Foundation is making the grant in furtherance of its charitable purposes, which includes the objectives of ensuring that (a) the knowledge gained during funded projects will be promptly and broadly disseminated to the scientific community, subject to a limited delay to seek intellectual property ("IP") protection if such protection could best facilitate the achievement of the following objective, and (b) the intended product(s) could be made accessible (with respect to cost, quantity and applicability) to the people most in need within the developing countries of the world. The Foundation refers to these as Global Access Objectives. You agree, to the extent it is within your reasonable control, to conduct and manage support of the research, product development and innovations funded by this grant in a manner that facilitates the achievement of the Global Access Objectives. The purpose and intent of this paragraph is to evidence your commitment, to the extent it is in your reasonable control, to manage IP rights created in whole or in part with funding from this grant in a manner that furthers the Global Access Objectives.

VI. Mandatory Participation in Designated Grand Challenge Explorations (GCE) Activities

GCE Initiative Meetings. You agree to participate in the Foundation's annual GCE initiative meeting, and the Foundation will pay reasonable travel expenses associated with your participation (either as a supplement to the grant funds or otherwise as determined by the Foundation). These travel expenses associated with your participation are in addition to the US\$100,000 grant award. All travel arrangements must be made in accordance with the Foundation's travel policy which will be provided with any meeting materials.

Collaboration. The Foundation expects that grantees pursuing similar grand challenges and overarching goals will communicate and collaborate on a periodic basis in achieving progress towards these solutions. The Foundation will identify to you the other entities with which you should consider collaboration.

VII. Publication

Publication. You agree to prepare data sets and findings resulting from the Project for public presentation on the Grand Challenges for Global Health website (www.grandchallenges.org) as soon as practical following conclusion of the Project, after first evaluating whether there is a need to secure IP rights in order to facilitate the achievement of the Global Access Objectives. All investigators supported in whole or in part by funds from this grant must be made aware of this obligation, and should be encouraged to publish or otherwise disseminate the Project findings as broadly and promptly as reasonably possible. All publications must include the acknowledgement, "Funded by a grant from the Bill & Melinda Gates Foundation through the Grand Challenges Exploration Initiative".

Grant Announcements; Public Reports and Use of Foundation Name and Logo. The Foundation will include information on this grant in its periodic public reports and may make information about this grant public at any time on its web page and as part of press releases, public reports, speeches, newsletters, and other public documents. If you wish to issue a press release or report announcing this grant, or otherwise use the Foundation's name or logo, please contact the Foundation as outlined in the Grant Agreement at least two weeks before the desired announcement or publication date. You agree to obtain advance approval from the Foundation of the press release and the date of release, or of any other use of the Foundation's name or logo. The Foundation requests an opportunity to review and comment on subsequent press releases or reports that are directly related to the grant.

Entire Agreement; Amendment. The Grant Agreement will constitute the entire agreement and supersedes any prior oral or written agreements or communications between the parties regarding its subject matter. The provisions of the Grant Agreement are severable so that if any term or provision is found for any reason to be invalid, illegal, or unenforceable, such finding shall not affect the validity, construction, or enforceability of any remaining term or provision. The Grant Agreement may be amended or modified only by a mutual written agreement of the parties.

VIII. Term of Offer

Grant award offers are only valid until October 23, 2009. Therefore, you must return a fully executed Agreement to the foundation post-marked no later than October 23, 2009 to receive a GCE Phase I grant award.

Grand Challenges Explorations Application Form

Please enter proposal text in Sections I and II, according to the instructions within each section. If you choose to include charts, graphs, or references, add them within the appropriate section. **Please do not include charts or graphics in color.**

Your application must be no longer than 2 pages, using 11 point type. The entire file should be less than 2MB. Proposals that do not adhere to these restrictions may be blocked from submission and review.

Section I. What is your idea?

Use this section to briefly describe your idea. Make sure that your idea directly fits the topic; otherwise your proposal may be disqualified.

- Indicate in one or two sentences **in bold** the essence of your idea.
- Why is your idea an unconventional or creative approach to the problem outlined in the topic?
- Describe the scientific basis for your idea and why you expect it to succeed.

Section II. How will you test it?

Use this section to briefly describe the project design and implementation plan.

- Describe your experimental plan, including any new technologies or tools to be developed.
- How will the work you describe be performed within the budget (USD\$100,000) and time period (one year) allocated for the initial Phase I award?
- What essential data will you generate during your Phase I award?
- If your experiments in Phase I are successful, what are the next steps?