When: Wednesday, 11 December, 2019
1100am – 1200 Noon (PST)

Where: UBC Hospital, Detwiller Pavilion: Room 1C13

Topic:
An introduction to optogenetics in neuroscience

Presenters:
Dr Jeremy Seamans and Dr Natalia Gorelova
UBC Department of Psychiatry

*The BC Neuropsychiatry Program Grand Rounds is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada*

We appreciate the assistance of the UBC Departments of Psychiatry, Continuing Professional Development and Knowledge Translation, and the Media Group; and the VGH and PHSA Telehealth programs.
BCNP Grand Rounds 2019-2020
Attendance Roster

Date: Wednesday, 11 December 2019  11:00 am – 12:00 pm (PST - Vancouver).

Topic:  An introduction to optogenetics in neuroscience

Presenters:  Dr Jeremy Seamans and Dr Natalia Gorelova , UBC Department of Psychiatry

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Physicians and psychologists requiring credit for attendances must fax in the completed evaluation forms each week.

Remote Sites:
Technical difficulties during the presentation:

PHSA Bridge: 604-297-8777 or 1-866-966-4347
The BC Neuropsychiatry Program Grand Rounds is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Coordinators: Andrew Howard, MD, FRCPC; BC Neuropsychiatry Program  
Peter Dawson, RN, MSN; Program Coordinator, BC Neuropsychiatry Program.

Date: 11 December 2019, 11:00 a.m. – 12:00 p.m., Pacific Standard Time (Vancouver)
Topic: An introduction to optogenetics in neuroscience
Presenters: Dr Jeremy Seamans and Dr Natalia Gorelova, UBC Department of Psychiatry
Objectives:
- To explain how optogenetics works
- To explain how to get cells of interest to express an opsin and how to activate the opsin once it’s expressed.
- To list the various types of opsins, their potential applications and advantages/disadvantages.
- To provide examples of how we have used optogenetics in our research.
- To discuss potential pitfalls and artifacts.

Was presentation free from commercial bias? _____Yes _____No
If no, please describe ________________________________________________________________

1. Objectives were met. 1 2 3 4 5
2. Knowledge of the subject was comprehensive. 1 2 3 4 5
3. Discussion occupied 25% of the time. 1 2 3 4 5
4. Relevance/practice applications were highlighted. 1 2 3 4 5
5. This information will influence my practice & lead to change. 1 2 3 4 5
6. My interest in learning more about the subject has increased. 1 2 3 4 5

Comments and/or Suggested Topics/Speakers for future rounds:

NOTE: PLEASE PRINT YOUR NAME (AND EMAIL) LEGIBLY FOR CME CREDIT ACCOUNTING

Name of Attendee
E-mail address (to receive certificate):

Technical difficulties during presentation, call PHSA Bridge: 604-297-8777 or 1-866-966-4347

If you viewed rounds via video-conference, please help us by answering the following questions – thanks

If your v/c room has 1 screen only, what could you see? ____________________________________________

If your v/c room has 2 screens, what could you see? ____________________________________________

How was the sound quality? __________ Other comments re: technology? ____________________________________
# BC Neuropsychiatry Program Grand Rounds (96838)

**VC Type:** Education-Rounds  

**Conference Date:** Wednesday, 11 December 2019  
**Start Time including Pre-test:** 10:45 Pacific Standard Time  
**Pre-test Duration:** 15 Minutes  
**Finish Time:** 12:00 Pacific Standard Time

Please ensure that your VC equipment is turned on PRIOR to the pre-test time.

**For Technical Support during the Video Conference contact:**  
604-297-8777 or 1-866-966-4347

**Bridge Arrangements Made By:** Vancouver Coastal Health Authority  
**AUDIO BRIDGE Required?** Yes—Please dial (1)604-707-4540 pass code 423550#

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</tbody>
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**Host Site**

**Vancouver-UBC Hospital**  
**Site:** Vancouver-UBC Hospital  
**Address of Site:** 2221 Westbrook Mall, Vancouver, BC  
**Room:** UBC-DW-1C-13 (CAE:35)  
**Room Phone Number:**  
**Site Contact:** 604-822-9758  
**Site Technical Contact:** 604-822-7369

**Attendee Sites**

**Alberta**

**Alberta-Alberta Bridges**  
**Site:** Alberta-Alberta Bridges  
**Address of Site:** Alberta  
**Room:** Alberta-Health Bridge  
**Room Phone Number:**  
**Site Contact:** 647-788-0430, ahs.vtac@albertahealthservices.ca  
**Site Technical Contact:**

**Fraser Health Authority**

**Burnaby-Burnaby Hospital**  
**Site:** Burnaby-Burnaby Hospital  
**Address of Site:** 3935 Kincaid Street, Burnaby, BC  
**Site Contact:** MedIT: 1.877.266.0666, medit.servicedesk@ubc.ca
<table>
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<tr>
<th>Room: UBC Rm 633 (AE:12) 5515</th>
<th>Site Technical Contact: 1.877.266.0666</th>
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</thead>
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**Interior Health Authority**

**Cranbrook-East Kootenay Regional Hospital**

Site: Cranbrook-East Kootenay Regional Hospital  
Address of Site: 13 24th Avenue North, Cranbrook BC  
Room: Psychiatry Boardrm (12:CAE) 774006  
Room Phone Number: (250)-426-5281 x:6305

Site Contact: 250-489-6499, Leah MacDonald & Wyonne Smith  
Site Technical Contact: 1-855-870-4755

**Kamloops-Hillside Centre**

Site: Kamloops-Hillside Centre  
Address of Site: 311 Columbia Street, Kamloops BC  
Room: Main Fl Conf. Rm (20:CAER) 772023  
Room Phone Number:

Site Contact: (250) 314-2728, (250) 314-2388  
Site Technical Contact: 1-855-870-4755

**Kamloops-Kamloops Mental Health and Substance Use**

Site: Kamloops-Kamloops Mental Health and Substance Use  
Address of Site: 200-235 Lansdowne Street, Kamloops BC  
Room: Rm 2208 (XX:CAE) 772005  
Room Phone Number:

Site Contact: (250) 377-6500  
Site Technical Contact: 1-855-870-4755

**Kelowna-Community Health and Services Centre**

Site: Kelowna-Community Health and Services Centre  
Address of Site: 505 Doyle Ave, Kelowna BC  
Room: 5th Fl Rm 506 (A:10) 700506  
Room Phone Number: none

Site Contact: Self Serve via Outlook  
Site Technical Contact: Telehealth@interiorhealth.ca

**Trail-Kootenay Boundary Regional Hospital**

Site: Trail-Kootenay Boundary Regional Hospital  
Address of Site: 1200 Hospital Bench, Trail BC  
Room: UBC FoM Education Rm 2 (A:9) 776001  
Room Phone Number: 250.368.3311 x 3408

Site Contact: 604-875-4111 ext. 62381, roombooking.fom@ubc.ca  
Site Technical Contact: MedIt

**Northern Health Authority**

**Prince Rupert-Prince Rupert Community Health**

Site: Prince Rupert-Prince Rupert Community Health  
Address of Site: 300 3rd Avenue W, Prince Rupert BC  
Room: Brd Rm 312 (12:CAE) 3320  
Room Phone Number: 250-622-6304

Site Contact: 250-622-6310, susanne.bellefontaine@nha.ca; piroska.potornay@nha.ca  
Site Technical Contact: 250-645-3450

**Ontario**
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<td>Burnaby</td>
<td>Burnaby-Burnaby Centre for Mental Health &amp; Addiction BCMHSUS</td>
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<td>604-297-8777 Press 1</td>
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<td>Victoria</td>
<td>Victoria-UVIC Medical Sciences Building</td>
<td><a href="mailto:roombooking.fom@ubc.ca">roombooking.fom@ubc.ca</a></td>
<td><a href="mailto:medit.servicedesk@ubc.ca">medit.servicedesk@ubc.ca</a></td>
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<tr>
<td>North Vancouver</td>
<td>North Vancouver-Lions Gate Hospital</td>
<td>604-984-5000 x5234 , <a href="mailto:medit.servicedesk@ubc.ca">medit.servicedesk@ubc.ca</a></td>
<td>1-877-266-0666</td>
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<tr>
<td>Powell River</td>
<td>Powell River-Powell River General Hospital</td>
<td>1-604-485-3211 , Patients to register at Main Reception</td>
<td>604-297-8777 press 1</td>
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<tr>
<td>Vancouver</td>
<td>Vancouver-GF Strong Rehab Centre</td>
<td><a href="mailto:telehealth@phsa.ca">telehealth@phsa.ca</a></td>
<td>604-297-8777 option 1</td>
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<td>Vancouver</td>
<td>Vancouver-St Pauls Hospital</td>
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<td><a href="mailto:medit.servicedesk@ubc.ca">medit.servicedesk@ubc.ca</a></td>
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**Site Details**

- **Ontario-Universities**
  - Site: Ontario-Universities
  - Address of Site: n/a placeholder for Ontario University endpoints
  - Room: Room 1
  - Room Phone Number: 423550@phsa.ca

- **Provincial Health Services Authority**
  - Burnaby-Burnaby Centre for Mental Health & Addiction BCMHSUS
    - Site: Burnaby-Burnaby Centre for Mental Health & Addiction BCMHSUS
    - Address of Site: 3405 Willingdon Avenue, Burnaby BC
    - Room: MOVI-Barone, Carmelina
    - Room Phone Number: 604-297-8777 Press 1

- **UBC MPAACT / DMP**
  - Victoria-UVIC Medical Sciences Building
    - Site: Victoria-UVIC Medical Sciences Building
    - Address of Site: 3800 Finnerty Rd, Victoria BC
    - Room: MSB 210 (12:AE) 32063
    - Room Phone Number: 250-472-5531

- **Vancouver Coastal Health Authority**
  - North Vancouver-Lions Gate Hospital
    - Site: North Vancouver-Lions Gate Hospital
    - Address of Site: 231 E 15th Street, North Vancouver BC
    - Room: UBC-HoPe Rm 2512 (CAE:8)
    - Room Phone Number: 604-984-5000 x5234 , medit.servicedesk@ubc.ca

- **Powell River-Powell River General Hospital**
  - Site: Powell River-Powell River General Hospital
    - Address of Site: 5000 Joyce Avenue, Powell River BC
    - Room: 3rd fl TH rm (CAE:4) 20952
    - Room Phone Number: not provided

- **Vancouver-GF Strong Rehab Centre**
  - Site: Vancouver-GF Strong Rehab Centre
    - Address of Site: 4255 Laurel Street, Vancouver BC
    - Room: Main fl Brd Rm 109 (30:CAE) 912
    - Room Phone Number: 604-984-5000 x5234 , medit.servicedesk@ubc.ca

- **Vancouver-St Pauls Hospital**
  - Site: Vancouver-St Pauls Hospital
    - Address of Site: 1081 Burrard Street, Vancouver BC
    - Room Phone Number: 604-984-5000 x5234 , medit.servicedesk@ubc.ca
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<td>Room: <strong>PB</strong>: Level One 1413 (7:AE)</td>
<td><strong>604-682-2344 X 66282</strong></td>
<td>604-875-4111 x64092, <a href="mailto:denice.hamel@vch.ca">denice.hamel@vch.ca</a></td>
<td>604-297-8777 or 1-866-966-4347</td>
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<td>Address of Site:</td>
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<td><strong>604-875-4111 ext: 64102</strong></td>
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<td><strong>Vancouver General Hosp VGH</strong></td>
<td>Room: <strong>WP Rm 604</strong> (CAE: 10)</td>
<td><strong>604-875-4111 ext: 64102</strong></td>
<td>604-875-4111 x64092, <a href="mailto:denice.hamel@vch.ca">denice.hamel@vch.ca</a></td>
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<td><strong>604-875-4111 ext: 64102</strong></td>
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<td><strong>Campbell River-North Island Hospital Campbell River &amp; District</strong></td>
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<td><strong>Vancouver</strong></td>
<td><strong>604-875-4111 ext: 64102</strong></td>
<td>604-297-8777 or 1-866-966-4347</td>
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<td><strong>604-875-4111 ext: 64102</strong></td>
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<td><strong>604-875-4111 ext: 64102</strong></td>
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<td>Fidel Vila-Rodriguez, MD Clinical Applications of MST</td>
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<td>Annie Ciernia, PhD Epigenomic Signatures of Altered Neuroimmune Function in Autism</td>
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<td>Jason Barton, MD Recognizing faces: four recent developments in prosopagnosia</td>
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<td>February</td>
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<td>Daphne Ling, Doctoral Student Topic TBD</td>
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<td>Anne Kelly, RN, Director What has age got to do with it? Montessori is transforming lives of adults too.</td>
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<td>Clare Beasley, Assoc Professor The role of inflammation in psychotic disorders</td>
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<td>William Honer, MD The synaptic pathology of everyday life: Neural reserve, aging, and cognition</td>
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<td>Trevor Hurwitz, MD How to cure sadness: The remarkable effect of limbic surgery and new insights into the neuroanatomy of depression</td>
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