

Registration Brochure  
for the  
ASA/CSCA/CiS Meeting

# Neuroscience and the Image of God

Trinity Western University  
Langley, BC, Canada

July 23–26, 2004

*What is man that you are mindful of him ...* —Psalm 8:4, NIV

## “Neuroscience and the Image of God”

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### Thursday, July 22

1:00 PM Check-in and registration begins  
One-hour walking tour of TWU Ecosystem Study Area  
leaves at 1:30 PM, 3:30 PM, and 4:30 PM  
10:00 PM Registration closes

### Friday, July 23

7:00 AM Breakfast  
9:00 AM Registration begins  
Scheduled field trips  
8:00 AM #1 – Britannia Beach/Whistler Mountain  
9:30 AM #2 – University of British Columbia TRIUMF Facility  
and Botanical Gardens  
9:30 AM #3 – Little Campbell Watershed Tour with A Rocha  
Canada – Christians in Conservation  
10:00 AM #4 – Harbour Tour and Vancouver Aquarium  
12:30 AM Lunch  
5:45 PM Dinner  
7:30 PM Introductions and Plenary Address  
9:15 PM Mixer

### Program Highlights, July 23–26

#### Plenary Speakers:

- Dr. Warren Brown —Director, Travis Institute for Biopsychosocial Research and Professor of Psychology, Fuller Theological Seminary, “*Did My Neurons Make Me Do It? From Physicalism to Moral Agency.*”
- Dr. David Cechetto —Professor, Department of Anatomy and Cell Biology; Director, Medical Electives Overseas Program; and faculty, Medicine and Dentistry, University of Western Ontario, “*Renewing our Minds: More than a Metaphor.*”
- Dr. Malcolm Jeeves —founder and Emeritus Professor of the Department of Psychology, St. Andrews University, “*Neuroscience, Human Nature, and the Image of God.*”
- Dr. Heather Looy —Associate Professor of Psychology, The King’s University College, “*Evolved, Embodied, Embedded and Embraced: The Case of Disgust in Human Identity.*”

### Special Sessions:

- Christian Environmentalism: Technology, Theology, and Social Organization —John Wood
- Medical Bioethics —Hessel Bouma III
- Neuroscience —William Struthers and Loren Haarsma
- Evolutionary Psychology, Sociobiology, and Social Construction —Ray Zimmer and Judy Toronchuk

### Plus:

- Contributed Papers and Posters
- Meetings of the Affiliations, Commissions, Fellows, Local Sections, Publications, and Students and Early Career Scientists
- Reception for Students and Early Career Scientists

### Pre-meeting Field Trips, July 22–23

All tours will leave from the Mattson Building.  
Buses are air conditioned with washrooms.

### Thursday, July 22

#### TWU Ecosystem Study Area Walking tours leave 1:30, 3:00, and 4:30 PM

A one-hour walking tour of this diverse and sensitive habitat area contains part of the Salmon River and some tributaries. Species already catalogued in and around the area include at least 33 mammals, 156 birds, 5 reptiles, 9 amphibians, 11 mollusks, 18 fish, 4 crustaceans, 132 insects, 192 vascular plants, 39 mosses and liverworts, 28 lichens, and 104 macromycetes (macrofungi and myxomycetes). Among these, there are at least three at-risk mosses; rare vascular plants, reptiles, mammals, and birds; and one endangered snail that is being studied by TWU researchers. Maps will be supplied. **No charge, No limits**

### Friday, July 23

#### Tour 1. Britannia Beach/Whistler Mountain Bus leaves 8:00 AM

This all day tour begins with a drive on the Sea-to-Sky Highway to Britannia Beach, the site of the BC Museum of Mining ([www.bcmuseumofmining.org](http://www.bcmuseumofmining.org)). Your fully narrated tour of the museum takes approximately 1½ hours and includes an underground train ride where you will experience the sights and sounds of a real hard rock mine. Underground temperature is 12°C/54°F – bring along a sweater. A bag lunch (provided) will be eaten at Shannon Falls ([www.shannonfalls.com](http://www.shannonfalls.com)), the third highest falls in BC, then on to Whistler Mountain, the site of the 2010 winter Olympics ([www.whistler-blackcomb.com](http://www.whistler-blackcomb.com)). Your host will be Terry Neufeldt, instructor in geology, physical geography, and physics at TWU.

**Cost: \$24 (US funds)**

#### Tour 2. UBC TRIUMF Facility and Botanical Gardens Bus leaves 9:30 AM

This all day tour features the giant TRIUMF cyclotron ([www.triumf.ca](http://www.triumf.ca)), which is a world-class subatomic physics research laboratory located on the University of British Columbia (UBC) campus. The TRIUMF cyclotron accelerates protons to 224,000 km/s (75% the speed of light). These beams of protons are then directed to strike various targets, creating other elementary particles such as neutrons, pions, and

muons. This facility is used for pure research as well as practical applications, including proton therapy for eye-cancers, positron emission tomography scanning, analysis of mineral samples, and a host of other high tech applications. Your host for the day will be Bob Wood, associate professor of physics at TWU.

Across the street from TRIUMF are the UBC Botanical Gardens and Centre for Plant Research. Canada's oldest university botanical garden, UBC Botanical Garden was established in 1916 under the directorship of John Davidson, British Columbia's first provincial botanist. After touring TRIUMF, enjoy a bag lunch (provided) and stroll through the gardens. The gardens feature plants from all over the world, as well as plants native to British Columbia. Admission to garden by donation ([www.ubcbotanicalgarden.org](http://www.ubcbotanicalgarden.org)). **Bus Cost: \$12 (US funds)**

#### Tour 3. Little Campbell Watershed Tour with A Rocha Canada

—Christians in Conservation

**Bus leaves 9:30 AM**

The Little Campbell is a productive watershed, featuring a diversity of salmonoid species and is within Boundary Bay which is a part of Canada's top rated Important Bird Area. Host Markku Kostamo, director of A Rocha Canada (<http://en.arocha.org/canada/>), will explain some of the ways A Rocha has begun working in the area as well as collaborating with other local stewardship groups. The day will begin at the source of the Little Campbell River in Campbell Valley Park. A bag lunch (provided) will be eaten at the property that is the planned future field studies and ecology centre of A Rocha Canada. Located in the watershed close to White Rock, it is a popular destination. There is a lot of pressure to develop this rural area. After lunch we will follow the Little Campbell River to its end where it enters Semiahmoo Bay. The tour will finish with a stroll in White Rock ([www.whiterockonline.com/](http://www.whiterockonline.com/)).

**Cost: \$13 (US funds)**

#### Tour 4. Harbour Tour and Vancouver Aquarium Bus leaves 10:00 AM

This all day trip starts with a fully narrated tour of Vancouver's inner harbour. The 1¼-hour cruise takes you on a journey through Canada's "Gateway to the Pacific," the Burrard Inlet. Cruise past many of Vancouver's most famous landmarks: Stanley Park, Lion's Gate Bridge, historic Gastown, the breathtaking North Shore Mountains, and more ([www.boatcruises.com](http://www.boatcruises.com)). A bag lunch (provided) can be eaten onboard.

From the cruise dock, it's a short trip to the Vancouver Aquarium where you have two tour options: ([www.vanaqua.org](http://www.vanaqua.org))

Karen Steensma, your host, is a marine biologist who teaches in the Department of Biology and leads field courses in Hawaii and on Salt Spring Island, BC for TWU.

**4a.** A regular tour of the aquarium where you will gaze through a two-story window into the Strait of George kelp forest. Watch for wolf eels and giant sturgeon, brilliant rockfish, a swirling school of silver herring—and the occasional scuba diver. British Columbia's scenery is even more spectacular under the surface.

**Cost for option 4a: \$37 (US funds)**

4b. Aquarium staff have agreed to do a *special* behind-the-scenes tour for a group of **30 (first-come-first-served)**. There will be a short program in the Wet Lab to show the wonders of the marine intertidal world (up close and personal). Then take a walk through the aquarium.

**Cost for option 4b: \$42 (US funds)**

### Saturday Spouse Field Trips

Fort Langley is a wonderful little town about seven minutes away by car. It is renown for its antique and gift shops (<http://.fortlangley.com/>).

A rapid transit system (Sky Train) which leaves from Surrey (½-hour drive from TWU) and goes into Vancouver, connects with the “Sea Bus” ferry and goes to North Vancouver where there is a Farmer’s Market ([www.translink.bc.ca/Service\\_Info\\_and\\_Fares/SkyTrain/](http://www.translink.bc.ca/Service_Info_and_Fares/SkyTrain/)) as well as ([www.theslowlane.com/paths/skytra.html](http://www.theslowlane.com/paths/skytra.html)).

### Lodging and Meals at Trinity Western University

Overnight accommodations and meals are included in the nightly rate. Pillow, bedding, towels, wash cloth, and a hotel-size bar of soap are provided. Each room has two twin beds. Two rooms share an adjoining bath.

Single Occupancy: \$78 per day/per person (US funds)

Double Occupancy: \$58 per day/per person (US funds)

For the Saturday evening banquet, please indicate your choice of salmon steak, chicken breast or vegetarian entree on the Registration Form.

The conference ends with lunch on Monday, July 26.

### General Information

#### *What do I need to cross the border or come through Customs?*

US citizens do not require a passport or visa but will be asked for proof of residency and a picture ID (passport **or** driver’s license *and* birth certificate).

If you are traveling with a person under the age of 18, a birth certificate is required. If you are **not** the parent or legal guardian, you will also be required to show a **letter of permission** (notarized would be best) from the parent or guardian allowing you to cross the border with their child.

#### *What is the Canadian exchange rate, and what about those taxes?*

The exchange rate changes daily, see [www.xe.com/ucc/](http://www.xe.com/ucc/) In British Columbia they have two sales taxes: Goods and Services Tax (GST) (Federal), 7%; Provincial Sales Tax, 7.5%. So you must add 14.5% to your retail purchases. Some of your purchases may be eligible for a GST rebate ([www.canadiantaxrefund.com/qualify.htm](http://www.canadiantaxrefund.com/qualify.htm)).

### Commuter fees

TWU has set these fees for people who are *not* staying on campus but have registered for our meeting. Friday–Monday: Complete package with lunches and dinners. **Cost: \$120 (US funds)**

**Parking permits** will be provided by the Conference Desk. Registered overnight guests and registered commuter attendees will receive their permit at no additional cost.

### Lodging at Area Motels/Hotels

Sleep Inn	6722 Glover Rd	604.514.3111	1.800.753.3722
Best Western Langley Inn	5978 Glover Rd	604.530.9311	1.888.530.9311
Hampton Inn Suites	19500 Langley by Pass	604.530.6545	1.866.530.6545
Sandman Hotel	8855–202nd Street	604.888.7263	1.800.726.3626

### Campground

Fort Langley RV Resort and Campground ~ 604.888.3678 ([www.fortcamping.com](http://www.fortcamping.com))

### Ground Transportation

#### Vancouver International Airport Shuttle Service

Airportlink Super Shuttle from Vancouver International Airport to TWU.  
Call before 5:00 PM one day prior to pick up: ..... 604.594.3333

**Cost:** ... \$30 Canadian, adults; \$15 Canadian, children.

**Group rate** for five people or more: ... \$18 Canadian each.

Airportlink Super Shuttle accepts US and Canadian cash as well as credit cards.

#### Car Rentals:

Avis:	1.800.831.2847	Enterprise:	1.800.325.8007
Budget:	1.800.268.8900	Hertz Canada:	1.800.263.0600

### TWU Emergency Telephone Number

604.513.2002

Annual Meeting information is on our web site

**[www.asa3.org](http://www.asa3.org)**