

Western NIH INBRE States Infectious Disease Symposium

April 18 – 20, 2006 University of Idaho, Moscow, ID

This is the first purely scientific interaction among Western NIH INBRE states. We chose "Infectious Disease" as a theme with broad appeal in each state. The purpose of this symposium is to get to know each other's scientific work. To that end, every faculty member who comes to the meeting will present a brief overview of their program and technical expertise. Our hope is that this exchange of information and the networking/interactive times will foster collaboration between scientists in the Western INBRE states.



Keynote Address:
Dr. Patrick M. Schlievert,
University of Minnesota
***"Gram Positive Bacterial
Superantigen Exotoxins Cause
Serious Human Diseases"***

Dr. Schlievert is world-renown for his work with the pyrogenic superantigen exotoxins made by *Staphylococcus aureus* and group A streptococci. Included in this large family of molecules are toxic-shock syndrome toxin-1 (TSST-1), a cause of TSS; staphylococcal enterotoxins, causes of food poisoning and some TSS; and streptococcal pyrogenic exotoxins, causes of scarlet fever and a toxic shock syndrome-like illness. His research includes elucidation of the mechanism(s) of: 1) T cell alteration by the toxins and correlation with illnesses such as TSS, scarlet fever, autoimmunity, and lymphoproliferative diseases; 2) enhanced susceptibility to lethal shock and heart damage; 3) molecular genetic control of toxin expression; and 4) toxicity for endothelial cells.



Tuesday Night Dinner Talk:
Dr. Larry Forney,
University of Idaho
***"Interactions between NIH
INBRE and COBRE"***

Dr. Forney is a participant in the Idaho INBRE and the PI on one of Idaho's NIH COBRE grants: *Center for Research on Evolutionary Processes*. COBRE projects include field, laboratory, and computer simulations to explore the temporal and spatial patterns of community diversity, factors that influence the dynamics of inter- and intra-species competition, and the tempo of adaptive evolution. Studies are interdisciplinary and include mathematicians, statisticians, computer scientists, geologists, environmental engineers, physicians, and clinical scientists.



Meeting Attendees ARE the meeting! 3-Slide Presentations

Every faculty attendee should prepare 3 power point slides: the first to introduce their academic background and the next two to describe their research interest/expertise/projects. Attendees should prepare to present these 3 slides and entertain questions. We will adhere strictly to the 3-slide limit, so everyone gets a chance to speak. Please bring slides, in PC format, on a flash drive or CD.



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Tentative Agenda

Tuesday, April 18, 2006

- 5:30 PM Networking Social, Hosted by the Idaho INBRE Program
- 6:30 Welcome Dinner
Speaker: Dr. Larry Forney: *"Interactions between NIH COBRE and INBRE"*

Wednesday, April 19, 2006

- 8:45 AM Welcome, Meeting Overview, Grant Opportunities: Dr. Carolyn Hovde Bohach
- 9:00 3-slide presentations Hawaii
- 9:30 3-slide presentations New Mexico
- 10:00 *Coffee break*
- 10:30 3-slide presentations Montana
- 11:00 3-slide presentations Nevada
- 11:30 3-slide presentation Wyoming
- 12:00 PM *Lunch Buffet*
- 1:30 3-slide presentations Alaska
- 2:00 3-slide presentations Idaho
- 2:30 3-slide presentations Hawaii and New Mexico
- 3:00 *Coffee Break*
- 4:00 Keynote Address: Dr. Patrick M. Schlievert *"Gram Positive Bacterial Superantigen Exotoxins Cause Serious Human Diseases"* (Transmitted to all Western INBRE states by AGN)
- 6:00 Networking Social, Hosted by the Idaho INBRE Program
- 6:30 Dinner
Entertainment:
Captain Meriwether Lewis (re-enactor)
*A Lewis and Clark Expedition Interpretive Presentation**

Thursday, April 20, 2006

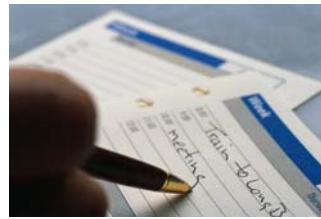
- 9:00 AM Grant opportunities/Discussion, led by Dr. Carolyn Hovde Bohach
- 9:30 3-slide presentations Montana and Nevada
- 10:00 *Coffee break*
- 10:30 3-slide presentations Wyoming, Alaska, and Idaho
- 11:45 Meeting Summation/Assessment, led by Dr. Carolyn Hovde Bohach
- 12:00 PM Meeting Adjourned



Accommodations

The Symposium will take place at the University Inn Best Western in Moscow, ID. The Inn offers deluxe accommodations, two on-site restaurants, four seasons recreation center and full meeting and banquet facilities as well as shuttle service to and from the Pullman/Moscow Airport.

A room block has been arranged under the name "Western INBRE Infectious Disease Symposium". Attendees may reserve rooms under the block at the rate of \$79.50 - \$89.50 per room up until March 17, 2006. After that date, the hotel will accept reservations at retail rates as long as rooms are available. In addition to restaurant dining, free continental breakfast is provided to all business travelers. For reservations, call 800-325-8765.



Registration Information

The registration fee is \$150, and includes group meals, meeting materials, and speaker

honoraria.

To register, complete a registration form and send it to the Idaho INBRE office by email (preferred), fax, or postal mail. The form can be found on the Idaho INBRE web site at www.sci.uidaho.edu/inbre/research/symposium.htm or by contacting our office.

For more information about the symposium, please contact Lodi Price, Project Manager, at lodi@uidaho.edu.

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