



gents' approval culminates a several year process that was initiated at the request of the local medical products community, students attending UW's Certificate in Biomedical Regulatory Affairs, and much-appreciated encouragement from the Corporate Advisory Board. **Tom Hazlet** is the Director of this program.

Global Health Grant Received

The University of Washington has received a grant from the Bill & Melinda Gates Foundation in the amount of \$550,000 to support an economic evaluation of potential innovations in measles vaccination in resource-limited settings. The nine month project—the Global Measles Vaccination Strategies (GMVIS) study—headed by principal investigator **Lou Garrison**, will examine the likely cost and health impacts of innovations, such as improved thermostability or needle-free delivery. Co-investigators include **Tom Hazlet, Srikanth Kadiyala, Dave Veenstra,** and **Brian Bresnahan** as well as Chris Bauch, an infectious disease modeler, from the University of Guelph in Canada.

Gifts

PORPP would like to acknowledge our many supporters of this past year. Our accomplishments would not have been possible without these generous educational grants and gifts. We express our sincere gratitude to:

- Abbott Laboratories
- Academy of Managed Care Pharmacy
- Allergan
- Amgen
- Amerinet
- Beth Devine, PharmD, MBA
- Eli Lilly & Company
- Foundation for Managed Care Pharmacy
- Jacqueline Gardner, PhD
- Johnson & Johnson
- Genentech
- Thomas Hazlet, PharmD, DrPH
- Mitchell Higashi, MBA, PhD
- Todd Lee, PharmD, PhD
- Northwest Pharmacy Benefits & Medical Directors Group
- Novartis Pharmaceuticals
- PhRMA Foundation
- Shelby Reed, PhD
- Roche Pharmaceuticals
- Sanofi-Aventis
- Sean Sullivan, PhD

PORPP Faculty

- David Au, MD, MPH, Affiliate Assistant Professor**
- David Blough, PhD, Research Associate Professor**
- Denise Boudreau, PhD, Affiliate Associate Professor**
- Brian Bresnahan, PhD, Adjunct Research Assistant Professor**
- Brian Custer, PhD, Affiliate Assistant Professor**
- Emily Beth Devine, PharmD, MBA Research Associate Professor**
- D.S. (Pete) Fullerton, PhD, Affiliate Professor**
- Jacqueline Gardner, PhD, Professor**
- Lou Garrison, PhD, Professor, Associate Director, Pharmaceutical Outcomes Research & Policy Program**
- Thomas Hazlet, PharmD, DrPH, Associate Professor**
- Will Hollingworth, PhD, Affiliate Assistant Professor**
- Eric Johnson, MPH, PhD, Affiliate Assistant Professor**
- Srikanth Kadiyala, MA, PhD, Assistant Professor**
- Todd Lee, PharmD, PhD, Affiliate Assistant Professor**
- Donald Patrick, PhD, MSPH, Adjunct Professor**
- Scott Ramsey, MD, PhD, Adjunct Professor, Director, Cancer Outcomes Research Program, Fred Hutchinson Cancer Research Center**
- David Smith, RPh, MHA, PhD, Affiliate Assistant Professor**
- Andy Stergachis, PhD, Adjunct Professor**
- Sean Sullivan, PhD, Professor of Pharmacy, Medicine, and Public Health and Community Medicine; Director, Pharmaceutical Outcomes Research & Policy Program**
- David Veenstra, PharmD, PhD, Associate Professor**

Pharmaceutical Outcomes Research and Policy Program

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PORPP Administration

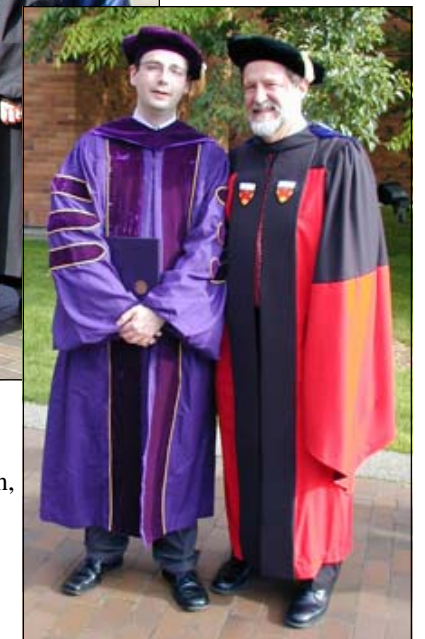
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- Lou Garrison, PhD, Associate Director
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- Penny L. Evans, Program Operations Specialist
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**Pharmaceutical Outcomes Research & Policy Program
Fall 2007**



2007 Graduates and Faculty

1st Row, Graduates: Lisa Meckley, Sarika Ogale, Jennie Best
2nd Row, Faculty: Danny Shen, Srikanth Kadiyala, Jacqueline Gardner, Louis Garrison, Sean Sullivan, Thomas Hazlet, David Blough, Beth Devine, David Veenstra



2007 Graduate

Matthew Kerrigan & Prof. Louis Garrison

Congratulations to Recent Graduates

Jennie Best, MA, PhD

Dissertation Title: *Preference Values for Health States Associated with Colon Cancer & Its Treatment*
Dissertation Advisor: David Veenstra
Current Position: Consultant, Outcomes Research

Ronald Caldwell, MS, PhD

Thesis Title: *The Economics of Smoking Cessation: An Economic Simulation Model Comparing the Costs and Benefits Associated with Standard Cessation Methods*
Thesis Advisor: Sean Sullivan
Current Position: Assistant Professor, University of Kansas

Matthew C. Kerrigan, MSc, PhD

Dissertation Title: *Cost-Effectiveness of Adjuvant Treatment & Subsequent Surveillance of Non-Invasive Bladder Cancer*
Dissertation Advisor: Scott Ramsey
Current Position: Assistant Director, Global Health Outcomes, GlaxoSmithKline

Lisa Meckley, PhD

Dissertation Title: *Clinical Utility, Cost Effectiveness, and Provider Perceptions of CYP2C9 and VKORC1 Genotyping for Chronic Warfarin Therapy*
Dissertation Advisor: David Veenstra
Current Position: Post-Doctoral Fellowship at Tufts-New England Medical Center, Peter J. Neumann, Advisor

Sarika Ogale, MS, PhD

Dissertation Title: *Outcomes Associated with Medications Used in the Treatment of Chronic Obstructive Pulmonary Disease*
Dissertation Advisor: Sean Sullivan
Current Position: Health Economist, Outcomes Research Department, Genentech

Welcome to New Faculty



Denise Boudreau, MS, PhD,
Affiliate Associate Professor
of Pharmacy
Group Health Cooperative,
Center for Health Studies

Dr. Boudreau is a pharmacist and health outcomes researcher with expertise in pharmacoepidemiology and cost effectiveness analyses. She is a Scientific Investigator at the Center for Health Studies at Group Health and an Affiliate Associate Professor in the Department of Pharmacy at the University of Washington. As site Principal Investigator for the Center for Education and Research on Therapeutics (CERT) (1 of 9 health plan sites), Dr. Boudreau is involved in a wide array of pharmacoepidemiology and pharmacoeconomic research. She has conducted research in the areas of breast cancer etiology, drug safety, medication use and cancer risk, validation of pharmaceutical data sources, and pharmacy practice patterns. Her current research projects include: determinants and risks of long term opioid therapy, cost utility of measures to improve mammography screening, cost and effect of medication use on breast cancer biologic and screening endpoints, impact of commonly used medications on breast cancer outcomes, and health economic burden of cardiometabolic syndrome.



Brian Bresnahan, PhD, Research Assistant
Professor, Department of Radiology, Adjunct
Research Assistant Professor, Department of Pharmacy

Dr. Bresnahan has been appointed to the Department of Radiology as an Assistant Professor. He recently completed an Eli Lilly Post-Doctoral Fellowship through PORPP, and is the Project Manager and Co-Investigator of the Global Measles Vaccination Strategies (GMVIS) study, supported by the Bill & Melinda Gates Foundation.

Incoming Students & Fellows: Fall 2007



Rafael Alfonso, MD
MD, Universidad del Rosario, Bogota, Colombia, 1999; MSc, Universidad Autonoma de Barcelona, Spain, 2005

Rafael is interested in the evaluation of the impact of the resource distribution and therapeutic decisions that are made in health care. In his home country of Colombia, he has seen how patients suffer because of the lack of available resources. He pursued a Master's degree in Epidemiology to learn how to find and analyze data more effectively to show how the problem affects the health care of Colombia's citizens.

He has been working as the Medical Affairs Manager for Latin America at Sanofi-Aventis and has realized that research and education in pharmaceutical outcomes is essential. He will be pursuing a PhD degree.



Ryan Hansen, PharmD
Pre-Doctoral Fellow

BA, Chemistry & Philosophy, Carroll College, 1999; PharmD, University of Washington, 2003.

Ryan Hansen graduated from the University of Washington in 2003 and has been working as a technology manager and clinical pharmacist, as well as managing his own pharmacy consulting business. He is interested in researching outcomes and adverse drug events related to electronic prescribing, pharmacoeconomic modeling and the following clinical disease states: respiratory diseases, epilepsy and diabetes. He has worked as a research pharmacist on grants from NCQA, ASHP and AHRQ and has produced peer reviewed and published manuscripts. His fellowship is being sponsored by Abbott Laboratories. Ryan will be pursuing his PhD degree.



Jonathan Watanabe, PharmD
Post-Doctoral Fellow

BS, Zoology, University of Washington 1998; PharmD, University of Southern California, 2007

Jonathan has been trained in global payer planning, trends in the U.S. managed care system and government price negotiations for Medicare Part D drugs. He was charged with scenario planning a pipeline product with a focus in Western Europe. As an intern pharmacist at the Los Angeles County Dept. of Health Services Pharmacy Affairs Office he was given the task of developing a pharmacy benefit plan for the indigent population of Los Angeles County. He hopes to broaden his knowledge in decision making in health care and will be pursuing a Master's degree during the fellowship training period. His fellowship is being sponsored by Allergan.



Jonathan Campbell, MS
Post-Doctoral Fellow

BA, Mathematics & Chemistry, St. Olaf College, 2000; MS, Biostatistics, University of Washington, 2002; PhD, University of Washington, 2007

Jonathan is the recipient of the Eli Lilly Post-Doctoral Pharmacoeconomics Fellowship. The focus of the fellowship will be in the use of healthcare technology assessment to improve decision making. He will receive extensive training in cost-effectiveness analysis, decision analysis, and disease state modeling, and expects to collaborate with the Lilly health outcomes department on some projects beginning this fall.



Josh Carlson, MPH
Post-Doctoral Fellow

BA, Biology, University of Colorado, 1997; MPH, Public Health Genetics, University of Washington, 2004; PhD, Public Health Genetics, University of Washington, 2007.

Josh Carlson will be the Pfizer Post-Doctoral Fellow, beginning this fall. He will be continuing his work in pharmacogenomics and oncology. Some of his research will be in collaboration with the Pfizer health outcomes department, where he will be spending two summers. He is also interested in studying these issues in a global health context.

Honors and Awards - Faculty

Jacqueline Gardner was instrumental in the establishment of the Institute for Innovative Pharmacy Practice, I2P2. The School of Pharmacy formally announced the establishment of the **Jacqueline Gardner Endowed Chair** in her honor. The endowed funds will help attract and retain distinguished faculty in the areas of pharmacy management and senior care. I2P2 focuses on training, research and advocacy of pharmacy management, value-added pharmacy services and senior care.

Beth Devine was promoted to Research Associate Professor, July 2007.

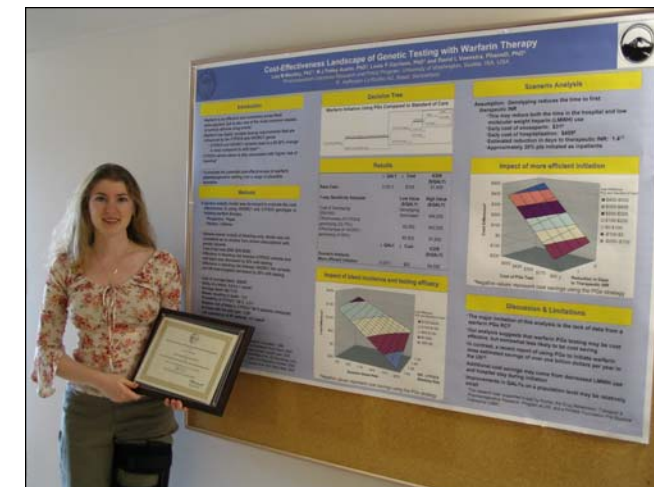
Lou Garrison has been elected to the ISPOR Board of Directors for a two year term.

Scott Ramsey has completed a two year term on the ISPOR Board of Directors.

Honors and Awards - Students & Alumni

PORPP graduate students, **Catherine Waweru** and **Joseph Babigumira**, were key speakers at the annual Western Regional Health Conference, Pharmacy Session, held in Seattle earlier this year. The theme for this year's conference was: "*Opportunities and Challenges for Pharmacy Global Health*". **Catherine and Joseph** used this opportunity to discuss solutions for the rational use of medications in resource-constrained countries and to share with their peers the pharmaceutical issues they see in Kenya, Ethiopia and Uganda. **Andy Stergachis** and WSU faculty Colleen Terriff helped facilitate the session.

D. Eldon Spackman is a current recipient of the UW Warren G. Magnuson Scholar Award for 2007-2008. This Scholars Program is part of the Warren G. Magnuson Institute for Biomedical Research and Health Professional Training, established in 1991 in honor of the late Washington State senator.



Lisa Meckley received the Best Student Poster Award at the 2007 ISPOR Conference for her poster: *Cost-Effectiveness Landscape of Genetic Testing with Warfarin Therapy*.

Todd Lee PhD, '01, a former graduate of the PORPP PhD program has been awarded the prestigious Bernie J. O'Brien New Investigator Award from the International Society for Pharmaceutical Outcomes Research 2007 Conference.

Jonathan Campbell received Honorable Mention for his poster: "Categories and Transition Patterns of Guideline Informed Control in Severe or Difficult-to-Treat Asthma" at the 2007 ISPOR Conference.

Announcements and New Initiatives

Endowments and Awards

Ryan Hansen created the *Adam Christopher Hansen Endowed Scholarship* to provide financial support for entering PharmD students.

We are pleased to announce the establishment of the **PORPP Endowed Prize in Health Policy and Economics**, supported by an anonymous donor. This award will be granted to eligible candidates in the PhD or Master's program in PORPP, or related fields such as Public Health Genetics, Health Services, Economics or Global Health who are enrolled in a class taught or mentored by a PORPP faculty member. On an annual basis, graduate students will be invited to submit an original health policy or economics paper for consideration. A \$1000 award will be given to the successful student.

New Course

At its meeting on July 19, 2007, the University of Washington Board of Regents granted authority to the Department of Pharmacy to offer the Master of Science in Biomedical Regulatory Affairs degree program. This two-year program will admit its first class of 20 in the Winter Quarter, 2008. The Re-