

Bonny Lewis Bukaveckas, Ph.D., F.A.C.B.

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SUMMARY

In the ten years since earning my Ph.D., I have delivered over 30 speaking engagements, authored over 20 scientific articles, book chapters and a book, as well as over 15 abstracts. I am currently an Assistant Professor (tenure eligible) at Virginia Commonwealth University, with appointments in three clinical departments, reflecting the breadth and depth of my knowledge and leadership in Personalized Medicine and Informatics. I lead the local Pharmacogenetics Working Group, and I am the Chair of the Clinical Research Informatics Technology Subcommittee. I also am the Founder and Executive Director of the Database Repository for Healthcare Improvement (DrHi).

PROFESSIONAL EXPERIENCE

Virginia Commonwealth University. 08/2004 – Present

Richmond, VA

2008- Assistant Professor, Department of Anesthesiology, Virginia

2005- Assistant Professor, Department of Pathology, Virginia

2004- Assistant Professor, Department of Pharmacy, Virginia

Served on the following (a selected list from >40):

- Chair's Advisory Council
- Graduate Faculty
- Faculty Mentor
- Chair, Clinical Research Information Technology Subcommittee
- Faculty Senator
- Center for the Study of Biological Complexity, Fellow
- Pharmacogenetics Working Group, founder and director
- VCUHS IT Strategic Planning Committee, member

University of Louisville, 02/2002 – 08/2004

Louisville, KY

Clinical Chemistry Fellow

Director of Research, PGx Lab

Served/awarded the following:

- American Board of Clinical Chemistry test preparation group, founder and organizer
- Institute for Molecular Drug Design award
- Ohio Valley Section, American Society of Clinical Chemistry Travel Award
- Outstanding Clinical Fellow, University of Louisville Pathology Department

University of Western Australia, 07/2001 – 12/2001

Perth, Western Australia

Research Associate

Australian Neuromuscular Research Institute, Queen Elisabeth II Medical Center

- *Investigated the change in gene expression following transient global cerebral ischemia in the rat as a model for human stroke. Included isolation of ischemia sensitive neurons using laser capture micro dissection.*

University of Kentucky, 01/1999 – 02/2002

Lexington, KY

Toxicology Fellow

Served/awarded the following:

- NIEHS Post-doctoral Training Grant Fellowship
- Established the efflux rate of intracerebrally injected manganese in various chemical forms
- Coauthored 2 peer reviewed manuscripts

Bonny Lewis Van, Ph.D., F.A.C.B.

EDUCATION, FELLOWSHIPS AND SCHOLARSHIPS

University of Louisville

Louisville, KY

1998 PH.D Environmental Biology
Lead in Birds, development of a biomonitoring protocol of urban Pb contamination.

- Biology Graduate Student Association, President
- Center for Ecosystem Studies Research Grant
- Society of Environmental Toxicology and Chemistry Travel Award
- Kentucky Institute for the Environment and Sustainable Development Research Award
- William J. Fulbright International Scholar, Lithuania: Established new research collaboration between scientists, government regulators and myself to investigate heavy metal pollution in Lithuania. Required learning Lithuanian and managing import/export regulations.
- Research Assistant Pharmacology and Toxicology Department, University of Louisville: Managed the *Pediatric Blood Lead Screening program*

Indiana University

Bloomington, IN

1992 B.Sc Biology, Biology Honor's Corp Program

BOARD CERTIFICATION, PATENTS

January, 2006 Associate Fellow, National Academy of Clinical Biochemistry
"SMARTWARF™" AUTOMATED WARFARIN DOSING TOOL" – VCU 07-072 (patent pending)

GRANTS

PT100620. Personalized Medicine: Anticoagulation Treatment. Pfeiffer Foundation \$225,000, 3 years. Role PI
Higher Education Equipment Trust Fund. \$120,199. FY2006
Higher Education Equipment Trust Fund. \$12,395. FY2005
VCU Pharmacogenetics Working Group (**Bonny Lewis Van** director). Gift in support of PGx Working Group Development. Novartis Pharmaceuticals. \$2,500. Received 08/10/05
The in vivo pharmacokinetic effect of CYP2C9*8. \$19,371. Grant funding cycle, 04/01/05 – 3/30/06 Role: PI (PI). Bioinformatics Tools to Fully Integrate Pharmacogenetics Testing into Clinical Care. \$50,000. VCU Life Sciences Pilot Project Grant. Grant funding cycle, 02/28/05-06/30/05

PROFESSIONAL SERVICE

2008 Personalized Medicine Coalition, Clinical Science Committee member
Abstract Review Subcommittee (ARS) for the 2008 AACC Annual Meeting
2008 Intermountain Healthcare Clinical Genetics Institute Advisory Board
2007 "Interpretation of genetic testing" RAND contract with the CDC Corporation,
Technical Expert Panel member
Center for Business Models in Healthcare, Center External Expert
Elected member at large: Clinical Research Informatics Working Group, AMIA
AACC Capital Section secretary
Consultant, Eisai Medical Research, Inc.
2007- AMIA American Medical Informatics Association, Elected Member at Large, Clinical Research Informatics Working Group
2006- NACB National Academy of Clinical Biochemistry
2006 7th World Congress on Trauma, Shock, Inflammation and Sepsis session co-chair,
Pharmacogenomics Session
2005-2006 NHGRI Multiplex Testing Collaborative Interdisciplinary Working Group Project, invited member
2005 Genomics Biotech Institute Annual Conference

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2004-2005	AACC San Diego Conference Organizing Committee, member
2004-2005	ACCP American College of Clinical Pharmacy
2003-2005	CLAS Clinical Ligand Assay Society
2004-	Fellow, Center for the Study of Biological Complexity, Virginia Commonwealth University Founder and Director of the Pharmacogenetics Working Group, Virginia Commonwealth University VCU Women Faculty Association
2002-	AACC American Association for Clinical Chemistry, Elected Secretary, AACC Capitol Section
2000-	AAAS American Association for the Advancement of Science
1995-2004	SOT Society of Toxicology
1995-2002	SETAC Society of Environmental Toxicology and Chemistry

Current National Organizations

- AACC, American Association for Clinical Chemistry
- AMIA, American Medical Informatics Association
- AAAS, American Association for the Advancement of Science