

CURRICULUM VITAE
ROBERT A. BLOUIN
July 2022

Bryson Family Distinguished Professor
Division of Pharmacotherapy and Experimental Therapeutics
The University of North Carolina at Chapel Hill
Chapel Hill, NC 27599
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ADMINISTRATIVE EXPERIENCE

Summary of Administrative Activities as Executive Vice Chancellor and Provost, The University of North Carolina at Chapel Hill (September 2017 – February 2022): This position reported directly to the Chancellor. The Provost serves as the Chief Operating Officer and Chief Academic Officer of the university and works in unison with the chancellor to lead critically important pan-university initiatives. During my time in this position, the Provost oversaw a \$3.5B academic enterprise which includes \$1.2B in research expenditures (ranked #12 nationally) and ranked sixth nationally in federal grants/contracts awarded. In addition to overseeing the academic activities of all fourteen schools and university libraries, the Provost was direct responsibility for the offices of the Vice Chancellor for Human Resources and Equal Opportunity and Compliance, Vice Chancellor for Information Technology and Chief Information Officer, Vice Chancellor for Innovation, Entrepreneurship and Economic Development, Vice Chancellor for Student Affairs, and Vice Chancellor for Research. The Provost was also responsible for the Office for Institutional Research and Assessment, Office for Interprofessional Education and Practice, Office for Operational Excellence, Office for Academic and Community Engagement, Office for Enrollment and Undergraduate Admissions, Office for Digital and Lifelong Learning, Office for UNC Global Affairs, Office of Diversity and Inclusion, Office for Academic Support for Student Athletes, and Academic Finance Office.

Notable achievements for the University of North Carolina at Chapel Hill during this period included:

- First among 100 best US public colleges and universities that offer students high-quality academics at an affordable price (Kiplinger’s Personal Finance magazine),
- Third best public university in 2020 Wall Street Journal/Times Higher Education College Rankings,
- Fifth best public University in US News & World Report’s 2022 “Best Colleges”
- Eighth best public University in Forbes’ “America’s Top Colleges 2022” rankings,
- Ranked sixth by Reuters 2019 World’s Most Innovative Universities,
- First School of Medicine primary care program in US News & World Report’s “Best Graduate Schools” 2020 edition,
- First School of Pharmacy in US News & World Report’s “Best Graduate Schools” 2020 edition,
- Second School of Public Health in US News & World Report’s “Best Graduate Schools” 2020 edition.

Summary of Administrative Activities as Dean at the University of North Carolina (July 2003 – September 2017): This position reported directly to the Provost and served as the primary Chief Executive Officer of the UNC Eshelman School of Pharmacy. The UNC Eshelman School of Pharmacy experienced unprecedented growth during this period in its research and education programs and was consistently ranked among the top academic pharmacy programs in the world. Notable achievements and recognitions for the UNC Eshelman School of Pharmacy during that period included: ranked #1 by US News & World Report ranking US Pharmacy Schools, #1 by TFE Times ranking US Pharmacy Schools, #2 among schools and colleges of pharmacy in total external research funding, #2 among schools and

colleges of pharmacy in NIH research funding, #3 by US News & World Report ranking of Global Universities under the subject area of Pharmacology and Toxicology, #3 Best Global Universities in Pharmacology and Toxicology by US News & World Reports, #4 Best in Pharmacy and Pharmaceutical Sciences ranked by Shanghai Global Rankings, and #10 by QS World University Rankings under the subject area of Pharmacy and Pharmacology programs. The School successfully launched an innovative satellite professional degree-granting program in Asheville, NC. The School's Educational Renaissance initiative received critical acclaim throughout the pharmacy academic community and has been used as an exemplary education model on the UNC-CH campus and beyond.

Summary of Administrative Activities as Director of the Eshelman Institute for Innovation (December 2014 – September 2017): This position reported to the Steering Committee of the Eshelman Institute for Innovation, a school-based center of the UNC Eshelman School of Pharmacy. The Institute was established to accelerate the creation and development of ideas leading to discoveries and high impact changes in education, research and health care. On December 3, 2014, the University of North Carolina at Chapel Hill announced a \$100 million commitment from Dr. Fred Eshelman, the largest gift from an individual in the history of the university, to create the Eshelman Institute for Innovation at the UNC Eshelman School of Pharmacy.

Summary of Administrative Activities at the University of Kentucky Associate Dean for Research and Graduate Education (1997 – 2003): This position reported directly to the Dean of the College of Pharmacy and served as the primary College interface with the Vice President for Research (University of Kentucky) and Associate Vice President for Research and Graduate Studies (A.B. Chandler Medical Center). During this period, the College of Pharmacy made significant progress in securing competitive research funding, nearly tripling its grant and contract portfolio from federal and industrial sponsors. The College was the first in the country to launch a graduate program in the clinical pharmaceutical sciences (1987); a program that remains a model among pharmacy programs across the country. In addition, the College of Pharmacy emerged as a campus leader in the creation of intellectual property and company spin-offs. The Office of the New Economy (direct report to the Governor of the Commonwealth of Kentucky) worked very closely with the College of Pharmacy and supported the development and construction of the Center for Pharmaceutical Science and Technology. This facility became a cornerstone in the University of Kentucky's Coldstream Research Campus.

Executive Director of the Office for Economic Development and Innovations Management (2000 – 2003): This position reported directly to the Dean of the College of Pharmacy and served as the College of Pharmacy representative in all issues external to the University of Kentucky relating to matters of economic development of the pharmaceutical sciences. Interactions primarily consisted of working with the Kentucky Commissioner of the Office for the New Economy (Frankfort, Kentucky), Kentucky Council on Postsecondary Education (Frankfort, Kentucky), Kentucky Economic Development Authority (Frankfort, Kentucky), Lexington Chamber of Commerce (Lexington, Kentucky), Kentucky Science and Technology Corporation "The Innovation Group", and Lexington United (Lexington, Kentucky).

Director, Clinical Pharmaceutical Sciences Graduate Training Program (1987 – 1998): This position was responsible for the creation and development of a graduate training track at the Ph.D. level in the Clinical Pharmaceutical Sciences at the University of Kentucky College of Pharmacy. This program was the first of its kind and trained graduate students who pursued careers in translational research in academia, industry, and government.

EDUCATION

Bachelor of Science: Massachusetts College of Pharmacy and Health Sciences (Pharmacy), Boston, MA
Doctor of Pharmacy: College of Pharmacy/Residency: University of Kentucky Medical Center, Lexington, KY
Awarded: Doctor of Laws *honoris causa* from Monash University, Melbourne, Australia

PROFESSIONAL EXPERIENCE

University of North Carolina at Chapel Hill

2003-2017 Dean, Bryson Distinguished Professor, UNC Eshelman School of Pharmacy
2014-2017 Director, Eshelman Institute for Innovation
2017-Feb 2022 Executive Vice Chancellor and Provost, University of North Carolina at Chapel Hill
Feb 1-July 31 2022 Sabbatical

University of Kentucky

1978-1984 Assistant Professor, University of Kentucky, College of Pharmacy
 Director, Clinical Pharmacokinetics Program, University of Kentucky Medical Center
1984-1989 Associate Professor, University of Kentucky, College of Pharmacy
1984-2003 University of Kentucky Graduate Faculty (Full Member)
1984-1989 Associate Director, Drug Product Evaluation Program
1985-2003 Member, Toxicology Graduate Faculty
1985-1988 Member of Core Faculty, Geriatric Education Center Grant
1986-2003 Member of Core Faculty, Lucille Parker Markey Cancer Center
1987-1988 Sabbatical, F. Hoffmann-LaRoche, Basel, Switzerland
1987-1998 Director, Clinical Pharmacology Program
1989-2003 Professor, University of Kentucky, College of Pharmacy,
 Division of Pharmacology and Experimental Therapeutics
1994-1996 Director, Summer Minority Undergraduate Research Program in Clinical Pharmacology
1997-2003 Associate Dean for Research and Graduate Education
2001-2003 Executive Director - Economic Development and Innovations Management

TEACHING ACTIVITY

PRIMARY RESPONSIBILITIES:

PHR 875 Clinical Pharmacokinetics
PHR 760 Special Problems
PHR 895 Independent Problems
PHR 848 Pharmacy Practice III
PHR 947 Applied Biopharmaceutics and Pharmacokinetics - Primary Responsibility
PHR 760 Introduction to Clinical Pharmacology

SECONDARY RESPONSIBILITIES:

PHR 876/878 Advance Pharmacotherapeutics
PHR 868 Pharmacotherapeutics
PHR 802 Pharmaceutics
PHR 884 Pharmacy Practice Clerkship
TOX/PAT 660 Clinical Toxicology and Drug Monitoring
PAT 821 Laboratory Medicine Case Studies
PHR 870 Clinical Orientation Clerkship
PHR 612 Advanced Pharmacokinetics
PHR 770 Proseminar in Toxicology
TOX 680 Advanced Toxicology
PHA 663 Drug Metabolism and Disposition

ADVISING ACTIVITY

GRADUATE STUDENTS

	<u>Student</u>	<u>Role</u>
1978-1983	Kim Rowse Brouwer	Co-Advisor
1984-1988	Philip Dickson (Toxicology)	Advisor
1986-1989	Inder Chaudhary (Toxicology)	Advisor
1987-1991	Philip Colangelo	Advisor
1988-1993	Steve Toler	Advisor
1989-1993	Somsong Tuntaterdtum (Toxicology)	Advisor
1988-1993	Peter Zannikos	Advisor
1988-1994	Karen Nishihara	Advisor
1992-1997	Ming Lu	Advisor
1993-1997	Amy Roe (Toxicology)	Advisor
1995-1997	Lihong Peng	Co-Advisor
1994-1999	Kevin Rockich	Advisor
1996-1999	Graham Warren (Toxicology)	Advisor
1996-1999	Samuel Poloyac	Advisor
1998-2002	Peter Van Ess	Advisor
1982-1984	William Fiske	Dissertation Committee Member
1982-1986	Kenneth Brouwer	Dissertation Committee Member
1983-1986	Scott Hamann (Toxicology)	Dissertation Committee Member
1983-1988	Sabah Akrawi	Dissertation Committee Member
1985-1990	Roxanne Jewell	Dissertation Committee Member
1986-1991	Hussein Hallak	Dissertation Committee Member
1987-1991	Mary Freeman (Chemistry)	Dissertation Committee Member
1988-1990	Yolanda Poppell	Dissertation Committee Member
1988-1990	Neil Hoglen (Toxicology)	Dissertation Committee Member
1989-1992	Renli Teng	Dissertation Committee Member
1990-1997	Richard Page	Dissertation Committee Member
1991-1996	David Burgio	Dissertation Committee Member
1992-1997	Naresh Punwani	Dissertation Committee Member
1992-1994	James Meece (Toxicology)	Dissertation Committee Member
1992-1995	Ujjwala Samant	Dissertation Committee Member
1992-1995	Sujatha Thampi (Toxicology)	Dissertation Committee Member
1992-1996	Cheach Yee Oo	Dissertation Committee Member
1992-1997	Yinzi Tang	Dissertation Committee Member
1993-1997	Greg Oakley (Toxicology)	Dissertation Committee Member
1995-1997	William Allan Rees (Toxicology)	Dissertation Committee Member
1996-2002	Mathew Cooper (Toxicology)	Dissertation Committee Member
1996-2003	Philip Gerk	Dissertation Committee Member
1997-2001	Brian Laden	Dissertation Committee Member
1998-2002	Gerome V. Burke	Dissertation Committee Member
1998-2002	Jane Alcorn	Dissertation Committee Member
1998-2002	Nilufer Tampal (Toxicology)	Dissertation Committee Member
1999-2002	Leigh Verbois	Dissertation Committee Member
1999-2000	Chris Cunningham	Dissertation Committee Member
2001-2007	Philip Empey	Dissertation Committee Member

POST-DOCS AND VISITING SCIENTISTS

1985-1987	Mary H.H. Chandler	Post-Doctoral Fellow - Pharmacokinetics
1987-1989	Deborah A. Smith	Post-Doctoral Fellow - Pharmacokinetics
1989-1990	Ye Songbai	Visiting Scientist - Pharmacology

1989-1991	Inder Chaudhary	Post-Doc. Fellow - Pharmacokin./Toxicol.
1990-1991	Bettina L. Hamelin	Post-Doctoral Fellow - Pharmacokinetics
1991-1993	Beth Israel	Post-Doctoral Fellow - Pharmacokinetics
1989-1993	Abhik Bandyopadhyay	Post-Doctoral Fellow - Molecular Biology
1996-1998	Angela Watson	Post-Doctoral Fellow - Toxicology
1999-2000	Asad Abrahamian	Post-Doctoral Fellow – Toxicology

UNIVERSITY SERVICE

University of Kentucky College Committees

Administrative Council
 Research and Graduate Program – Ex-Officio
 Student Affairs Committee
 Nominations Committee
 Appointment, Promotion, and Tenure (Chairman)
 ACPE Evaluation Committee
 Curriculum Committee
 Task Force on Professional Programs (Chairman)
 Residency Advisory Committee
 Center for Pharmaceutical Sciences at Coldstream Building Committee
 Safety and Space
 College Executive Committee
 Pharmaceutical Sciences Executive Committee - Ex-Officio

University of Kentucky University and Medical Center Committees:

American Cancer Society Institutional Research
 Academic Council Medical Center
 IACUC Medical Center Subcommittee
 Vice Chancellor for Research and Graduate Studies: Search Committee
 Executive Committee, Graduate Center for Toxicology
 Graduate Center for Toxicology Training Grant Committee
 Graduate Center for Toxicology Admission and Finance Committee
 Medical Center Clinical Sciences Area Advisory Committee
 Graduate Center for Toxicology Academic Performance and Progress Committee
 Medical Center Research Advisory Committee
 Radiation Safety Committee
 Technical Advisory Committee of the Tobacco and Health Research Institute
 University Self Study Research Subcommittee
 Undergraduate Council
 Graduate Council
 Committee on Fellowship and Traineeships
 Scientific Misconduct Review Committee
 University Research Advisory Committee
 Kentucky Center for Clinical Research and Investigator Services Advisory Committee
 Biomedical/Biological Sciences Research Building Planning Committee
 Intellectual Property Committee
 CPST Building Committee, Chairman
 Task Force on Biocomputing
 Lexington's Technology's Visioning Committee
 Program Review - Graduate Center for Toxicology
 Program Review - Research and Graduate Studies Administrative and Fiscal Affairs
 University of Kentucky Research Foundation Board of Directors
 University of Kentucky Futures Task Force

University of North Carolina at Chapel Hill University Committees:

Covid-19 Roadmap Implementation Team (Chair)
School for Data Science and Society – Envisioning and Planning Committee Chair
Search Committee for CEO of the UNC Health Care System and Dean of the UNC School of Medicine (Chair)
Provost’s Leadership Cabinet (Chair)
Budget Committee (Committee Chair)
Chancellor’s Executive Cabinet (Member)
Global Leadership Taskforce (Member)
Board of Trustees University Affairs Committee (Committee Co-Chair)
Morehead-Cain Scholarship Fund Board of Directors (Member)
North Carolina School of Science and Mathematics Board of Trustees (NCSSM) (Ex-Officio Member)
NCSSM Distance Education & Extended Programs Committee (Member)
Master Plan Steering Committee (Member)
Strategic Implementation Group (Member)
Naming Committee (Committee Co-Chair)
Facilities Planning Committee (Committee Chair)
Meadowmont Advisory Committee (Committee Chair)
Tuition & Fee Advisory Task Force (Committee Co-Chair)
Mountain Area Health Education Centers Board of Directors (MAHEC) (Member)
Responsible Employees and Campus Security Authority (CSA) (Member)
Executive Policy Advisory Committee (Member)
Chancellor’s Science Scholars Program Executive Advisory Board (Member)
RENCI Oversight Committee (Member)
ERP Sponsors (Member)
Institute for Convergent Science (ICS) Strategic Planning Committee (Member)
Big Ideas Committee (Committee Chair)
Health Informatics Oversight Committee (Member)
Deans’ Council (Member)
Clinical Translational Internal Advisory Board (Member)
NC TraCS Internal Advisory Board (Member)
UNC/Duke Collaborative Clinical Pharmacology Postdoctoral Training Program (T32) External Advisory Board
University Cancer Research Fund Oversight Committee (Member)
University Cancer Research Fund Executive Committee (Member)
UNC School of Medicine Liaison Committee on Medical Education (Member)
Pharmacy Foundation of North Carolina Executive Committee (Member)
UNC Campaign Planning Committee (Member)
Associate Vice-Chancellor for Research Search Committee (Member)
Dean, School of Nursing Search Committee (Committee Chair)
Carolina First Campaign Steering Committee (Member)
Task Force on Campus-wide Support Needs for Technology Mediated Teaching and Learning (Member)
A Su Salud Advisor Board (Member)
UNC Engagement Task Force (Member)
UNC Tomorrow: Task Force on Economic Transformation and Community Development (Member)
Kenan Institute Strategic Planning Advisor Board (Member)
Chair, UNC Eshelman School of Pharmacy Executive Committee (Member)
UNC Naming Committee (Member)
UNC Biomedical Research Imaging Center Advisory Committee (Member)
North Carolina Pharmacy Foundation Board (Ex Officio Member)
General Counsel Search Committee, (Member)
UNC Catalyst Board (Chair)
Strategic Framework Subcommittee: An experiential-active-learning/educational transformation initiative
connecting all schools with unifying goals and outcomes (Co-Chair)
UNC Global Leadership Council (Member)

Arts and Science Strategic Planning Committee (Member)

University of North Carolina at Chapel Hill Board Memberships

MUSC Scientific Advisory Board of FibroBiologics
Morehead Cain Scholarship Fund Board of Directors
North Carolina School of Science and Mathematics Board of Trustees
TUCASI Board of Directors
Triangle Research Libraries Network Governing Board
Eshelman Institute for Innovation Advisory Board
MAHEC Board of Directors
QURA Advisory Board
RENCI Oversight Board

University of North Carolina at Chapel Hill Provost Standing Committees

BOT University Affairs Committee
BOT Strategic Framework Committee
C. Felix Harvey Award Committee
UNC Naming Committee
Educational Benefits of Diversity Working Group
Executive Committee on Student Athlete Academics
Executive Committee
Provost's Leadership Cabinet
Chancellor's Leadership Cabinet
Chancellor's Small Group Leadership Meeting
Meadowmont Advisory Committee
LGBTQ+ Faculty Advisory Committee
Provost's Executive Team Committee
Operational Excellence Steering Committee
Strategic Plan Captains Committee
CAO System Committee
Provost's COVID-19 Bi-Weekly Briefings
COVID-19 Roadmap Implementation Team
OCHD/UNC Leadership Meetings
Weekly Chapel Hill and Carrboro Town Managers Meetings
Provost's Student Government Leadership Meeting
BME Advisory Committee
Student for Fair Admissions Committee

PROFESSIONAL SERVICE CONTRIBUTIONS

1983-84	SIG on Clinical Pharmacokinetic Practice - Chairman
1983-91	ASHP Research and Education Foundation's Selection Panel for the Fellowship in Clinical Pharmacokinetics
1988-90	Member - ASHP Council on Professional Affairs
1989	Member - Astra Clinical Pharmacy Research Award, Grant Selection Committee
1989	Alternate Member - ASHP Foundation Advisory Committee
1989-90	ACCP Research Affairs Committee
1990	VA Merit Award Reviewer
1990-95	USP Advisory Panel on Geriatrics
1990-92	University of Pittsburgh College of Pharmacy Advisory Committee
1990	ASHP Committee on Guidelines for Research Presentation at SPG Meetings
1991	Advisor, Geriatric Pharmacy Institute, Philadelphia College of Pharmacy
1991-92	ASHP Foundation Strategic Planning Team
1992-94	Elected, ACCP Research Institute Trustee
1992	VA Merit Award Reviewer
1995	Participation in Glaxo/AACP New Dean's Leadership Institute
1998	Participation in the University of Kentucky Leadership Certificate Course

1999	Scientific Reviewer - Indiana 21 st Century Research and Technology Fund
2000	BIO2001 Conference: Biotechnology Kentucky
2000	BIO2001 Conference: Planning Committee
2000	IDeA Workshop: Planning Institutional Grant Submission
2000-03	ACCP Research Institute Trustee
2001-02	ACCP Strategic Planning Committee
2001-03	ACCP Research Institute Fellowship Task Force
2004	Chair, State Employees Combined Campaign (SECC)
2004	NIH Road Map Committee, Member
2005	Administrative Review of the Position of Vice Chancellor for Finance and Business (Chair)
2005	External Advisory Board, Massachusetts College of Pharmacy and Health Sciences
2006	AACP Research & Graduate Affairs Committee
2006	IHI Health Professionals Education Collaborative
2006	AACP Task Force on Clinical Sciences – T1, Chair
2006	Participation in PharmD Pathways to Biomedical Research
2007	ACPE Rutgers Site Visit Team
2007	University of North Carolina CTSA Advisory Committee (present)
2007	Texas Tech Site Visit Team
2007	AACP Educating Clinical Scientists Task Force – T2
2007	University Cancer Research Fund Governance Board (present; legislative mandate)
2008	University of Wisconsin Institute for Clinical and Translational Research External Advisory Committee
2008-2017	AACP-ALFP (Dean mentor)
2009	University of North Texas Feasibility Committee for a New School of Pharmacy (Chairman)
2009	Co-founder: Infoporte Solutions – Software development company supporting academic institutions human resource, business and finance, and grant and contract business needs. First launch of Infoporte™ occurred in the summer of 2009 at The University of North Carolina at Chapel Hill.
2011	Good to Great at Carolina: A Conversation with Chancellor Emeritus James Moeser http://www.youtube.com/watch?v=s7DfDEkyNDo
2012-present	Frank Hawkins Kenan Institute for Private Enterprise Advisory Board (UNC)
2012	Harvard Macy Institute: Program for Leading Innovations in Health Care and Education, Harvard Medical School, June 10-15, 2012
2012-2014	AACP Research and Graduate Affairs Advisory Committee (Chairman)
2013-2017	Advisory Board for the University of North Texas College of Pharmacy
2013-2017	ACCLAIM Program Retreat Leadership Panel (UNC)
2013-2017	AACP Chair-Elect Council of Deans
2013-2014	AACP-ACPE Standards Revision Committee
2013-2014	AACP Chalmers Award Review Committee
2014	AACP Strategic Planning Committee
2015-2017	AACP Member of Board of Directors
2015-2017	Structural Genomic Consortium Board (Representative Member)
2016	Macy Conference Planning Committee

PROFESSIONAL ORGANIZATION SERVICE ACTIVITIES

SCIENTIFIC AND PROFESSIONAL SOCIETY MEMBERSHIPS:

American College of Clinical Pharmacy
 American Association of Pharmaceutical Scientists
 American Pharmacists Association
 American Association of Colleges of Pharmacy
 American Society of Health-System Pharmacists
 North Carolina Association of Pharmacists

JOURNAL REFEREE:

American Journal of Hospital Pharmacy
Drug Intelligence and Clinical Pharmacy
Clinical Pharmacy
Pharmacotherapy
Journal of Pharmaceutical Sciences
Clinical Pharmacokinetics Newsletter
Clinical Pharmacokinetics
Journal of Geriatric Drug Therapy
Clinical Chemistry
Pharmaceutical Research
Biopharmaceutics and Drug Disposition
International Journal of Obesity
Drug Metabolism and Disposition
Journal of Pharmacology and Experimental Therapeutics
Biochemical Pharmacology
Journal of Biopharmaceutics and Pharmacokinetics
Pharmaceutical Development and Technology
Canadian Journal of Physiology and Pharmacology

EDITORIAL BOARDS:

Clinical Pharmacokinetics Newsletter
Journal of Geriatric Drug Therapy
Pharmacotherap

HONORS/AWARDS

University of Kentucky Pharm.D. Resident Impact Award
University of Kentucky Rho Chi Pharmacy Honor Society
Fellow - American College of Clinical Pharmacy - 1991
University of Kentucky College of Pharmacy Outstanding Second Year Professor Award - 1997
University of Kentucky College of Pharmacy B.Sc. Senior Class Award - 1997
University of Kentucky College of Pharmacy Doctor of Pharmacy Senior Class Award - 1997
University of Kentucky College of Pharmacy Outstanding Second Year Professor Award - 1998
University of Kentucky College of Pharmacy Doctor of Pharmacy Senior Class Award - 1998
University of Kentucky College of Pharmacy Doctor of Pharmacy Senior Class Award - 1999
University of Kentucky College of Pharmacy Outstanding Second Year Professor Award - 2000
University of Kentucky College of Pharmacy Doctor of Pharmacy Senior Class Award - 2000
Fellow - American Association for Pharmaceutical Scientists - 2001
University of Kentucky College of Pharmacy Doctor of Pharmacy Senior Class Award - 2002
2003 - University of Kentucky, Paul F. Parker Award
2007 - The 11th Annual Michael J Ordman Memorial Lecture, Massachusetts College of Pharmacy and Health Sciences
2009 - University of Tennessee's First Tennessee Chair of Excellence Distinguished Visiting Professor
2009 - University of Kentucky's Rho Chi Lecturer
2011 - Massachusetts College of Pharmacy's Rho Chi Lecturer
2012 - Ohio State University's Rho Chi Lecturer
2012 - Milap Nahata Distinguished Lecturer Award, Ohio State University
2013 - Krantz Lecturer, University of the Sciences, Philadelphia, PA
2015 - Graduation Speaker – University of California at San Diego Skaggs School of Pharmacy and Pharmaceutical Sciences
2015 - University of Kentucky College of Pharmacy Hall of Distinguished Alumni Award
2015 - NCAP Blanton Award for Pharmacy Contributions in North Carolina

2016 - University of North Carolina General Alumni Association Faculty Service Award
2016 - University of Michigan's Dean's Leadership Series Lecturer
2016 - ACCP Parker Medal Award
2017 - Robert G. Leonard Memorial Lecture Award, University of Texas at Austin
2017 - Barry L. Reed Distinguished Lecturer, Monash University, Melbourne, Australia
2017 - Awarded – Doctor of Laws *honoris causa* from Monash University, Melbourne, Australia
2018 - Thomas S. Foster Award, University of Kentucky

SPEAKING ENGAGEMENTS

ABSTRACTS/POSTERS/PRESENTATIONS:

1. Blouin RA: "Development of a Clinical Pharmacokinetics Drug Monitoring Program", Medical University of South Carolina, Charleston, SC, October 1978 (presentation).
2. Blouin RA: "Clinical Pharmacokinetics - Concepts in Theophylline Monitoring", Hamot Medical Center, Erie, PA, November 1978 (presentation).
3. Blouin RA: "Obtaining Third Party Reimbursement for Clinical Services: A Panel Discussion", 13th Annual ASHP Midyear Clinical Meeting, San Antonio, TX, December 1978 (presentation).
4. Blouin RA: "Rational Use of Drug Blood Levels", Northwestern Society of Hospital Pharmacists, Erie, PA, November 1978 (presentation).
5. Blouin RA: "Application of Drug Blood Levels in the Clinical Setting", Southeast Kentucky Baptist Hospital Medical Staff Conference, Corbin, KY, January 1979 (presentation).
6. Blouin RA: "Theophylline Pharmacokinetics", Ohio Society of Hospital Pharmacists Mansfield, OH, June 1979 (presentation).
7. Blouin RA: "The Pharmacist and the Asthmatic Patient", Kentucky Society of Hospital Pharmacists, Louisville, KY, May 1979 (presentation).
8. Blouin RA, Foster TS, Smith RB, and Kostenbauder HB: "Multidisciplinary Approach Towards the Teaching of Clinical Pharmacokinetics", AACP Annual Meeting, Denver, CO, July 1979 (poster).
9. Blouin RA: "Aminoglycoside Pharmacokinetics", Morehead Clinic, Morehead, KY, October 1979 (presentation).
10. Dutro MP, Blouin RA, Erwin WG, Bustrack JA, Rowse KL: "Chloramphenicol Clearance and Protein Binding During Hemodialysis", ASHP Midyear Clinical Meeting, Las Vegas, NV, December 1979 (poster).
11. Dionne RE, Gibson GA, Bauer LA, Blouin RA, and Griffen WO: "Evaluation of Methods to Estimate Creatinine Clearance in Morbidly Obese Patients", ASHP Midyear Clinical Meeting, Las Vegas, NV, December 1979 (poster).
12. Blouin RA, Bauer LA, Griffen WO., Jr., Record KE, and Bell RM: "Amikacin Pharmacokinetics in Morbidly Obese Patients", ASHP Midyear Clinical Meeting, Las Vegas, NV, December 1979 (presentation).
13. Blouin RA: "Theophylline Pharmacokinetics", Hunter Foundation for Health Care, Lexington, KY, May 1980 (presentation).

14. Blouin RA: "Bioavailability of Drugs and Clinical Pharmacokinetics", The Institute of Applied Pharmaceutical Science, East Brunswick, NJ, July 1980 (presentation).
15. Oeltgen PR, Hamann SR, Blouin RA: "Comparison of RIA and Emit for the Determination of Serum Gentamicin", American Association for Clinical Chemistry Annual Meeting, Boston, MA, July 1980 (abstract).
16. Bauer LA, Bauer SP, Blouin RA: "Theophylline Clearance in Cigarette Smoking Patients with Renal Failure", ASHP Midyear Clinical Meeting, San Francisco, CA, December 1980 (poster).
17. Blouin RA: "How to Develop and Implement a Clinical Pharmacokinetic Service", ASHP Institute, Atlanta, GA, March 1981 (presentation).
18. Blouin RA: "The Laboratory's Role in Therapeutic Drug Monitoring - Pharmacokinetics in Clinical Practice", University of Kentucky, College of Allied Health Professions, Lexington, KY, May 1981 (presentation).
19. Blouin RA: "Acetaminophen Overdose" Medicine Conference, St. Joseph's Hospital, Lexington, KY, October 1981 (presentation).
20. Blouin RA: "Application of Clinical Pharmacokinetics of Theophylline", Third Annual Open Forum, Toledo, OH, November 1981 (presentation).
21. Blouin RA: "Development of a Theophylline Pharmacokinetic Service", Fourteenth Annual Expanding Hospital Pharmacy Services Seminar, Toledo, OH, November 1981 (presentation).
22. Rowse KL, Blouin RA, Record KE, Griffen WO, John W: "Effect of Surgery on the Pharmacokinetics of Amikacin in Morbidly Obese Patients", ASHP Midyear Clinical Meeting, New Orleans, LA, December 1981 (poster).
23. Blouin RA: "How to Develop and Implement a Clinical Pharmacokinetics Service", ASHP Institute, Cleveland, OH, August 1982 (presentation).
24. Blouin RA: "Management of the Aged: Pharmacokinetic Considerations" ASHP Midyear Clinical Meeting, Los Angeles, CA, December 1982 (presentation).
25. Bauer LA, Blouin RA: "Phenytoin Michaelis - Menten Kinetics in Caucasian Pediatric Patients", American Society for Clinical Pharmacology and Therapeutics, San Diego, CA, March 1983 (poster).
26. Fiske WD, Blouin RA, McNamara, PJ: "P-aminohippurate and Glucose Interaction", APhA Annual Meeting, New Orleans, LA, April 1983 (poster).
27. Benedek IH, Fiske WD, Griffen WO Jr., Blouin RA, McNamara PJ: "Serum Protein Binding of Drugs and Obesity", APhA Annual Meeting, New Orleans, LA, April 1983 (poster).
28. Rowse KL, Kostenbauder HB, McNamara PJ, Blouin RA: "Pharmacokinetics of Phenobarbital in Obese Zucker, Lean Zucker and Sprague-Dawley Rats", APhA Annual Meeting, New Orleans, LA, April 1983 (poster).
29. Blouin RA: "Introduction to Pharmacokinetics", Bristol Laboratories, Syracuse, NY, July 1983 (presentation).

30. Mays-Whitten K, O'Neal W, Piccoro J, Baumann R, Blouin RA: "Carbamazepine Overdosage: A Case Report", ASHP Midyear Clinical Meeting, Atlanta, GA, December 1983 (poster).
31. Blouin RA: "Aminoglycoside Antibiotics", Seventeenth Annual Southwestern Clinical Pharmacy Seminar, Tucson, AZ, February 1984 (presentation).
32. Blouin RA: "Consulting Services and New Technologies", Seventeenth Annual Southwestern Clinical Pharmacy Seminar, Tucson, AZ, February 1984 (presentation).
33. Hamann SR, Blouin RA, Kaltenborn KE, McAllister RG: "Plasma Level - Dependent Clearance of Verapamil During Intravenous Infusion", American Society for Clinical Pharmacology and Therapeutics, Atlanta, GA, April 1984 (abstract).
34. Rowse Brouwer KL, Kostenbauder HB, McNamara PJ, Blouin RA: "Hepatic Drug Metabolism in a Genetically Obese Rodent Model: Altered Response to Phenobarbital (Pb) Treatment", FASEB, St. Louis, MO, April 1984 (abstract).
35. Benedek IH, Blouin RA, McNamara PJ: "Altered Drug Protein Binding in the Serum of a Genetically Obese Zucker Rat", APhA Meeting, Philadelphia, PA, November 1984 (poster).
36. Barton SD, Mohler J, Blouin RA, Rapp RP: "Creatinine Production in Spinal Cord Injured Patients", OCCP & CP, Cincinnati, OH, November 1984 (poster).
37. Blouin RA: "Pharmacokinetic Considerations of the Post-Operative and Burned Patient", California Society of Hospital Pharmacists, San Francisco, CA, November 1984 (presentation).
38. Blouin RA: "Pharmacokinetics Considerations of the Post-Operative and Burned Patient", California Society of Hospital Pharmacists, Los Angeles, CA, November 1984 (presentation).
39. Michael KA, Mohler JL, Blouin RA, Lucas BA, Rapp RP: "Failure of Creatinine Clearance to Predict Gentamicin Half-Life in a Renal Transplant Patient: A Descriptive Report", ASHP Midyear Clinical Meeting, Dallas, TX, December 1984 (poster).
40. Blouin RA, Fiske WD, McNamara PJ: "Renal Function in the Genetically Obese Zucker Rat", FASEB, Anaheim, CA, April 1985 (accepted).
41. Blouin RA: "Renal Function in Obesity - Clinical Implications", Research and Seminar Series, Augusta, GA, February 1985 (presentation).
42. Blouin RA: "Biopharmaceutic and Pharmacokinetic Considerations of Drug Product Selection", Virginia Society of Hospital Pharmacists, Richmond, VA, November 1985 (presentation).
43. Kolpek J, Blouin RA, Parr M: "Alteration in Creatinine Production Rates in Cushingoid Patients", ASHP Midyear Clinical Meeting, New Orleans, LA, December 1985 (poster).
44. Foster TS, Blouin RA, Hobbs S, McAllister RG: "Dose Proportionality of Nifedipine: A Single Escalating Intravenous Dose Study in Man", ACCP, Chicago, IL, July 1986 (poster).
45. Blouin RA, McNamara PJ, Dickson P, McClain C, Cibull M: "Resistance to Acetaminophen Hepatotoxicity in the Obese Zucker Rodent", AAPS, Washington, DC, November 1986 (poster).

46. Chandler MHH, Guttendorf RJ, Wedlund PJ, Blouin RA: "Simultaneous Quantitation of d- and l-Hexobarbital in Rat Blood by High Performance Liquid Chromatography", AAPS, Washington, DC, November 1986 (poster).
47. McNamara PJ, Blouin RA, Brazzell RK: "Drug Protein Binding in Diabetic and Non-Diabetic Serum", AAPS, Washington, DC, November 1986 (poster).
48. McNamara PJ, Blouin RA, Brazzell RK: "Serum Protein Binding of ALO1576, A New Aldose Reductase Inhibitor", AAPS, Washington, DC, November 1986 (poster).
49. Blouin RA: Overview of Drug Pharmacology in the Elderly, "Life After Fifty Gerontology Fair", Bowling Green, KY, September 1986 (presentation).
50. Blouin RA: "Clinical Pharmacokinetic Monitoring: Past, Present and Future", KSHP, Louisville, KY, May 1987 (presentation).
51. Guttendorf RJ, Chandler MHH, Blouin RA, Wedlund PJ: "Effect of Age on Hexobarbital Stereoselective Disposition in the Rat", AAPS, Boston, MA, June 1987 (poster).
52. Guttendorf RJ, Blouin RA, Foster TS, Wedlund PJ: "Dextromethorphan Mephenytoin: Influence of Co-Administration on Patient Phenotyping", AAPS, Boston, MA, June 1987 (poster).
53. Chandler MHH, Schran HF, Proskin HM, Gonasun LM, Smith AJ, Foster TS, Hobbs SN, Blouin RA: "Effects of Renal Function on the Disposition of Isradipine" ACCP, Austin, TX, July 1987 (poster).
54. Blouin RA: "Clinical Complications in Drug Dosing", Kentucky Academy of Family Physicians, Owensboro, KY, July, 1987 (presentation).
55. Chandler MHH, Scott SC, Blouin RA: "Age-Dependent Stereoselective Alterations in Hexobarbital Metabolism", American Society of Clinical Pharmacology and Therapeutics, San Diego, CA, March 1988 (poster).
56. Jones P, Chaudhary I, Robertson L, Blouin RA: "Molecular Basis of Inducibility of cyt P-450 in Obese Rodent Model", Society of Toxicology, Dallas, TX, February 1988 (poster).
57. Chaudhary I, McNamara PJ, Blouin RA: "Acetaminophen Hepatotoxicity in Obese Zucker Rats: Mechanism of Resistance", Society of Toxicology, Dallas, TX, February 1988 (poster).
58. Blouin RA, Stoeckel K: "Pharmacokinetic Comparison of Fluoroquinolones", International Congress for Infectious Disease, Rio de Janeiro, April 1988.
59. Kneer J, Blouin R, Keller E, Stathakis C, Stoeckel K: "Pharmacokinetics of Cefetamet in Patients with Renal Insufficiency", 6th Mediterranean Congress of Chemotherapy, Taormena-Giardini Naxos, Italy, May 1988 (poster).
60. Chaudhary I, McNamara PJ, Blouin RA: "Effect of Phenobarbital Induction on Acetaminophen Kinetics in Obese Zucker Rat", AAPS, Orlando, FL, November 1988 (poster).
61. Blouin RA, Foster TS, Wedlund PJ, John W, Kolpek J, Robbins D, Cox SR: "Drug Metabolism of Flurbiprofen Enantiomers in Liver Disease", AAPS, Orlando, FL, November 1988 (poster).
62. Blouin RA: "Age Related Stereoselective Alterations in Hexobarbital Metabolism", Idaho State University, Pocatello, ID, November 1988 (seminar).

63. Blouin RA: "Clinical Scientists: Are They Needed?" Idaho State University, Pocatello, ID, November 1988 (seminar).
64. Chandler MHH, Clifton GD, Blouin RA, Hunt BA, Burki NK: "Pulmonary Function in Elderly: Response to Theophylline Bronchodilation", ASCPT, Nashville, TN, March 1989 (poster).
65. Chaudhary I, Robertson L, Blouin RA: "Enzyme Induction Defect to Phenobarbital in the fa/fa Zucker Rat: Relation Between Cytochrome P-450 and UDPGT", SOT, Atlanta GA, March 1989 (poster).
66. Chen LC, Chaudhary I, Blouin RA, Chow CK: "Effect of Acetaminophen on Hepatic Antioxidant Status of Zucker Rats", FASEB, New Orleans, LA, March 1989 (poster).
67. Smith DA, Chandler MHH, Shedlofsky S, Wedlund PJ, Blouin RA: "Stereoselective Induction of Hexobarbital with Rifampin", ASCPT, Nashville, TN, March 1989 (poster).
68. Blouin RA: "Relevance of Animal Models to Human Pharmacokinetics: An Example", ASCPT Symposium on Pharmacokinetics and Pharmacodynamics, Nashville, TN, March 1989 (Symposia presentation).
69. Blouin RA, Smith DA, Chandler MHH, Shedlofsky SI, Wedlund PJ: "The Effects of Rifampin Treatment on the Stereoselective Metabolism of Hexobarbital in Young and Elderly Subjects", IV World Conference in Clinical Pharmacology & Therapeutics, Heidelberg, Germany, July, 1989 (poster).
70. Blouin RA: "Stereoisomerism - Practical Considerations", ACCP Symposium on Drug Stereochemistry: What the Science Means to the Clinician, Kansas City, MO, August 1989.
71. Blouin RA: "Clinical Scientist Program", ACCP, Kansas City, MO, August 1989 (roundtable discussion).
72. Smith DA, Chandler MHH, Shedlofsky SI, Wedlund PJ, Blouin RA: "The Effects of Rifampin Induction on the Stereoselective Metabolism of Hexobarbital in the Young and Elderly", ACCP, Kansas City, MO, August 1989 (presentation).
73. Foster TS, Blouin RA: "The Effect of Antacid Timing on Lomefloxacin Bioavailability", Houston, TX, September 1989 (poster).
74. Blouin RA: "Influence of Obesity on Xenobiotic Metabolism", Ohio Valley Society of Toxicology, Cincinnati, OH, May 1989 (Symposia presentation).
75. Kneer J, Tam YK, Blouin RA, Stoeckel K: "The Influence of Food and Fluid Intake on the Absorption of Cefetamet Pivoxil", International Congress of Chemotherapy, Jerusalem, Israel, June 1989 (poster).
76. Wedlund PJ, Zhang Y, Britto M, Blouin RA, McNamara PJ, Steinmetz J, DeMaria AN: "Polymorphic Oxidative Metabolism of S-Mephentoin", ASCPT, San Francisco, CA, March 1990 (poster).
77. Colangelo P, Blouin RA, McNamara PJ, Wedlund PJ, Steinmetz J, Demaria AN: "Age and Its Effect on Propranolol Stereoselective Oral Clearance", ASCPT, San Francisco, CA, March 1990 (poster).
78. Blouin RA: "Stereoselective Drug Metabolism", Therapeutics and Pharmacokinetics in the 1990's, Breckenridge, CO, March 1990 (Symposia presentation).

79. Kneer J, Blouin RA, Stoeckel K: "The Influence of Antacid and Ranitidine Administration on the Pharmacokinetics of Oral Cefetamet Pivoxil", the 7th Mediterranean Congress of Chemotherapy, Barcelona, Spain, May 1990 (poster).
80. Chaudhary I, Parkinson A, Robertson LW, Blouin RA: "Phenobarbital Induction Defect in the Obese Zucker Rat I", AAPS, Las Vegas, NV, November 1990 (poster).
81. Chaudhary I, Parkinson A, Robertson LW, Blouin RA: "Phenobarbital Induction Defect in the Obese Zucker Rat II", AAPS, Las Vegas, NV, November 1990 (poster).
82. Chaudhary I, Nishihara, K, Robertson LW, Blouin RA: "Phenobarbital Induction Defect in the Obese Zucker Rat III", AAPS, Las Vegas, NV, November 1990 (poster).
83. Chaudhary I, Nishihara K, Robertson LW, Blouin RA: "PCB Induction Defect in the Obese Zucker Rat", AAPS, Las Vegas, NV, November 1990 (poster).
84. Hallak HO, Wedlund PJ, Foster TS, Blouin RA, John W, Patel IH: "Midazolam Disposition and Response in Efficient and Poor Metabolizers of Dextromethorphan", ASCPT, San Antonio, TX, March 1991 (poster).
85. Blouin RA: "Phenobarbital in the Genetically Obese Zucker Rat: Differential Induction of Gene Expression", Wayne State University, Detroit, MI, October 1990 (presentation).
86. Blouin RA, Bandyopadhyay AM, Chaudhary I: "Effect of Phenobarbital Treatment on Cytochrome P-450IIC11 mRNA in Obese Zucker Rats", FASEB, Atlanta, GA, April 1991 (poster).
87. Bandyopadhyay AM, Chaudhary I, Blouin RA: "Molecular Mechanism of Phenobarbital Induction Defect of Cytochrome P-450IIB1/IIB2 in Obese Zucker Rats", FASEB, Atlanta, GA, April 1991 (poster).
88. Chaudhary I, Tuntaterdtum S, Cibull ML, Blouin RA: "Effect of P-450 Inducers on Acetaminophen Hepatotoxicity in Obese Zucker Rats", FASEB, Atlanta, GA, April 1991 (poster).
89. Chandler MHH, Hamelin BA, Clifton GD, Blouin RA, Wolf KM: "Terbutaline Pharmacodynamics in Young and Elderly Asthmatics", ACCP, Minneapolis, MN, August 1991 (poster).
90. Chandler MHH, Hamelin BA, Blouin RA, Clifton GD, Wolf KM: "Responsiveness of Pure T-Lymphocytes to a Beta-2 Agonist in Young and Elderly Asthmatics", ACCP, Minneapolis, MN, August 1991 (poster).
91. Blouin RA: "Central Issues Relevant to Clinical Pharmaceutical Scientist Training Programs", ACCP, Minneapolis, MN, August 1991 (presentation).
92. Nishihara K, Chaudhary K, Cox S, Blouin RA: "Stereoselective Protein Binding of Flurbiprofen in Liver and Renal Disease", AAPS, Washington, DC, November 1991 (poster).
93. Colangelo PM, Blouin RA, Steinmetz JE, McNamara PJ, Wedlund PJ: "Effect of Age on Propranolol Stereoselective Disposition in Man", AAPS, Washington, DC, November 1991 (poster).
94. Colangelo PM, Blouin RA, Steinmetz JE, McNamara PJ, Wedlund PJ: "Effect of Age on Propranolol Enantiomer Pharmacodynamics in Man", AAPS, Washington, DC, November 1991 (poster).
95. Blouin RA: "Management of Drugs in the Elderly", University of Cincinnati Medical Center Geriatrics/Gerontology Speaking Series, Cincinnati, OH, October 1991 (presentation).

96. Blouin RA: "Stereoselective Drug Metabolism in the Elderly: Pharmacodynamic Considerations", University of Cincinnati, College of Pharmacy, Cincinnati, OH, October 1991 (presentation).
97. Blouin RA: "Obtaining Peer Reviewed Funding: Critical Issues for Young Investigators", ACCP Winter Meeting, Phoenix, AZ, February 1992 (presentation).
98. Blouin RA: "Factors Influencing the Regulation and Expression of Hepatic Cytochrome P450 2B Enzymes", 1992 AAPS Southeastern Regional Meeting, Wilmington, NC, April 1992 (Symposia presentation).
99. Bandyopadhyay A, Blouin RA: "Phenobarbital Induction Defect of Cytochrome P450 2B1/2B2 in Obese Zucker Rat in Hepatocyte Culture", FASEB, Anaheim, CA, April 1992 (poster).
100. Toler SM, Young BA, Bandyopadhyay A, Blouin RA: "The Effect of Head Trauma on Hepatic Cytochrome P-450 in the Fisher-344 Rat", AAPS 1992 Southeast Regional Meeting, Wilmington, NC, April 1992 (poster).
101. Zannikos PN, Bandyopadhyay A, Blouin RA: "Effect of Chronic High Fat Diet on the Expression/Regulation of the Hepatic Cytochrome P-450 System", AAPS 1992 Southeast Regional Meeting, Wilmington, NC, April 1992 (poster).
102. Israel BC, Shedlofsky SI, Swim A, Blouin RA: "Decreased Theophylline and Antipyrine Clearance in Cancer Patients Treated with Interferon-A (IFN)", ACCP, Toronto, Canada, August 1992 (poster).
103. Toler SM, Young BA, Bandyopadhyay A, Blouin RA: "The Effect of Head Trauma on Hepatic CYP3A and CYP2C11 in the Fisher-344 Rat", 1992 Midwest Cytochrome P450 Symposium, Lafayette, IN, September 1992 (poster).
104. Zannikos PN, Bandyopadhyay A, Blouin RA: "Effect of Chronic High Fat Diet on the Expression/Regulation of the Hepatic CYP2B1/2B2", 1992 Midwest Cytochrome P450 Symposium, Lafayette, IN, September 1992 (poster).
105. Blouin RA, Bandyopadhyay A, Chaudhary I, Robertson LW, Gemzick B, Parkinson A: "CYP2B Enzyme Induction Defect: Molecular Characterization", 1992 Midwest Cytochrome P450 Symposium, Lafayette, IN, September 1992 (poster).
106. Israel BC, Shedlofsky SI, Swim A, Blouin RA: "Effects of Endotoxin Induced Sepsis on Cytochrome P-450 Drug Metabolism", ACCP Annual Meeting, Reno, NV, August 1993 (presentation).
107. Blouin RA: "Stereoselective Drug Metabolism", Fourth International Symposium on Chiral Discrimination, Montreal, Quebec, September 1993 (Symposia presentation).
108. Zannikos PN, Bandyopadhyay AM, Robertson LW, Blouin RA: "CYP2B Enzyme Induction following Treatment with 2,2',4,4',5,5'- Hexachlorobiphenyl in the obese Zucker rat", AAPS, Orlando, FL, November 1993 (poster).
109. Nishihara KK, McNamara PJ, Blouin RA: "Expression of CYP2B Enzymes: Comparison of Concentration-Response Relationships in Young & Adult Rats", AAPS, Orlando, FL, November 1993 (poster).
110. Ma Li, Cohen DA, Blouin RA: "The Effect of Murine Acquired Immunodeficiency Syndrome (MAIDS) on Hepatic Microsomal Steroid Hydroxylase Activities", AAPS, Orlando, FL, November 1993 (poster).

111. Shedlofsky SI, Israel BC, Swim AT, Denison MG, Hill DB, McClain CJ, Blouin RA: "Decreased Hepatic P450-Mediated Drug Clearances in Humans Given Endotoxin (LPS) as a Model of Gram-Negative Sepsis", AASLD, Chicago, IL, November 1993 (poster).
112. Blouin RA: "Research in Clinical Sciences", 11th Annual Merrillville Symposium on Pharmaceutical Sciences Graduates Programs, Merrillville, IN, October 1993 (Symposia presentation).
113. Israel BC, Shedlofsky SI, Blouin RA: "Evaluation of an Animal Model of Sepsis: Effect on Hepatic P450 Expression", ACCP Annual Meeting, St. Louis, MO, August 1994 (poster).
114. Blouin RA: "Mechanism(s) of Phenobarbital Induction: Applications of a Mutant Rodent Model", University of Alberta, Edmonton, Alberta, April 1994 (presentation).
115. Roe AL, Howard G, Blouin RA: "The Effect of Acute and Chronic In Vivo Phenobarbital Treatment on DNA Binding Proteins", 10th International Symposium on Microsomes & Drug Oxidation, Toronto, Ontario, July 1994 (poster).
116. Young B, McClain CJ, Kindy M, Dempsey R, Blouin R, Gillespie M, Scheff S: "Pneumatic Impacter Model of Head Injury Simulates Metabolic Aspects of Head Injury", Congress of Neurosurgical Surgeons, Chicago, IL, October 1994.
117. Roe AL, Howard G, Blouin RA: "Acute and Chronic In Vivo Phenobarbital Treatment Effects on GRE and AP-1 DNA Binding Proteins", SOT 1995 Annual Meeting, Baltimore, MD, March 1995 (poster).
118. Boni J, Chaudhary I, Batastini G, Tonelli A, Woolcock I, DiStefano F, Vella A, Blouin R, Parkinson A, Eldridge S, Davis H: "A Toxicokinetic and Mechanistic Toxicity Study of CL275,838 (A Novel Memory Enhancing Agent) after Subchronic Dosing in Rats", AAPS, Miami, FL, November 1995 (poster).
119. Rees WA, Chambers T, Fenger C, Harkins JD, Blouin RA, Holland R, Tobin T: "The Pharmacokinetics and Bioavailability of Amantidine in the Horse: A Preliminary Report", Am Assoc Equine Prac. 1995.
120. Blouin RA and Wedlund PJ: "Pharmacokinetics for the Pharmaceutical Scientist: A Short Course", F. Hoffmann LaRoche, Nutley, NJ, July 1995 (presentation).
121. Blouin RA: "Joint Pharm.D./Ph.D. Programs", AACP Annual Meeting, Philadelphia, PA, July 1995 (presentation).
122. Israel BC, Shedlofsky SI, Tosheva R, Blouin RA: "Endotoxin Differentially Inhibits Hepatic Cytochrome P450 Drug Metabolism in Female Volunteers", ACCP Annual Meeting, Washington, DC, August 1995 (presentation).
123. Blouin RA: "Obese Zucker Rodent Model: Responsiveness to Phenobarbital Induction", 1995 Midwest Cytochromes P450 Symposium, Purdue University, West Lafayette, IN, September 1995 (presentation).
124. Roe AL, Howard G, Shedlofsky SI, Blouin RA: "Cytokine Regulation of CYP3A2 Expression in Rats Treated with LPS", SOT 1996 Annual Meeting, Anaheim, CA, March 1996 (poster).
125. Lu M, Blouin RA: "Evaluation of Formation Clearance of Dapsone Hydroxylamine as a Marker of CYP3A Activity: An In Vivo and In Vitro Correlation", AAPS 1996 Annual Meeting, Seattle, WA, October 1996 (presentation).

126. Blouin RA: "Obese Rodent Models: Alterations in Gene Expression of Drug Metabolizing Enzymes", 1996 Annual Mini-Symposium in Nutritional Sciences, Lexington, KY, April 1996 (presentation).
127. Roe AL, Howard G, Shedlofsky S, Blouin RA: "The Effect of High Dose Endotoxin on Nuclear Protein Binding: Implications on CYP3A2 Regulation", 1996 Midwest Cytochromes P450 Symposium, Purdue University, West Lafayette, IN, September 1996 (poster).
128. Warren G, Roe AL, Hou J, Shedlofsky S, Blouin RA: "The Effect of High Dose Endotoxin on Hepatic CYP3A2 Regulation", 1996 Midwest Cytochromes P450 Symposium, Purdue University, West Lafayette, IN, September 1996 (poster).
129. Lu M, Blouin RA: "The Effect of Pregnenolone 16 α -Carbonitrile on the Pharmacokinetics and Metabolism of Dapsone", 1996 Midwest Cytochromes P450 Symposium, Purdue University, West Lafayette, IN, September 1996 (poster).
130. Blouin RA: "The Effect of Head Trauma/Acute Phase Response on Brain and Liver Cytochrome P450 Enzymes", The Second Annual Kentucky Spinal Cord and Brain Injury Trust Symposium 1996, Lexington, KY, June 1996 (presentation).
131. Lu M, Poloyac SM, Blouin RA: "Evaluation of Oxidation of Dapsone as a Marker of CYP3A Activity: An In Vivo and In Vitro Correlation", SOT 1997 Annual Meeting, Cincinnati, OH March 1997 (poster).
132. Warren G, Roe AL, Hou J, Shedlofsky S, Blouin RA: "The Effect of High Dose Endotoxin on CYP3A Expression", SOT 1997 Annual Meeting, Cincinnati, OH March 1997 (poster).
133. Roe AL, Howard G, Shedlofsky S, Blouin RA: "The Effect of High Dose Endotoxin on Nuclear Protein Binding: Implications on CYP3A2 Regulation", SOT 1997 Annual Meeting, Cincinnati, OH, March 1997 (poster).
134. Blouin RA: "Special Pharmacokinetic Considerations in the Obese Patient", APhA Annual Meeting, Los Angeles, CA, March 1997 (Symposia presentation).
135. Watson A, Howard G, Shedlofsky S, Blouin RA: "Changes in Conjugation and Antioxidant Enzymes following Endotoxin Exposure", IUBMB, San Francisco, CA, August 1997 (poster).
136. Roe A, Howard G, Blouin RA: "Constitutive AP-1 Binding Activity in the Genetically Obese (fa/fa) Zucker Rat", IUBMB, San Francisco, CA, August 1997 (poster).
137. Roe A, Poloyac S, Howard G, Shedlofsky S, Blouin RA: "The Effect of High Dose Endotoxin on Hepatic CYP2E1 Regulation and Expression", IUBMB, San Francisco, CA, August 1997 (poster).
138. Rockich K, Hatton J, Kryscio R, Young B, Blouin RA: "The effect of Continuous Intravenous Infusion of rhIGF-1 and Daily Subcutaneous Administration of rhGH on IGF-1 and IGFBP-3 Plasma Concentrations in Traumatic Brain Injured Patients", AAPS, Boston, MA, November 1997 (poster).
139. Oakley GG, Roe AL, Blouin RA, Ganguly T, Vore M, Robertson W: "Activation of AP-1 and STAT Transcription Factors by Non-Coplanar Polychlorinated Biphenyls", SOT, Seattle, WA, March 1998 (poster).
140. Blouin RA: "Expression and Regulation of Xenobiotic-Metabolizing Enzymes in Obesity", 12th International Symposium on Microsomes and Drug Oxidations, Montpellier, France, July 1998 (Symposia presentation).

141. Blouin RA: "The Effect of Head Trauma/Acute Phase Response on Brain and Liver Cytochrome P450 Enzymes", 4th Annual Kentucky Spinal Cord and Head Injury Research Symposium, Lexington, KY, July 1998 (presentation).
142. Rockich K, Blouin RA: "The Effect of the Acute Phase Response on Chlorzoxazone Pharmacokinetics and CYP2E1 Activity in the Rat", ACCP 1998 Annual Meeting, Cincinnati, OH, November 1998 (poster).
143. Blouin RA: "Relating In-Vitro Data to In-Vivo Drug Interactions", ACCP 1998 Annual Meeting, Cincinnati, OH, November 1998 (Symposia presentation).
144. Blouin RA: "Translational Research with Drug Interactions", ACCP 1998 Annual Meeting, Cincinnati, OH, November 1998 (Symposia presentation).
145. Warren G, Mattson M, Blouin RA: "Hepatic Cytochrome P450 Expression in IL-6 Knockout Mice following Endotoxin Administration", SOT 1999 Annual Meeting, New Orleans, LA, March 1999 (poster).
146. Roe AL, Warren G, Mattson M, Blouin RA: "AP-1 Binding Activity Is Altered in LPS-Treated TNF α (p55/p75) Double Receptor Knockout Mice", SOT 1999 Annual Meeting, New Orleans, LA, March 1999 (poster).
147. Gardner BM, Poloyac SM, Shedlofsky SI, Blouin RA: "Serum Protein Binding of Chlorzoxazone in Human: The Effect of Endotoxin Administration", ASHP 1998 Annual Meeting, Las Vegas, NV, December 1998 (poster).
148. Poloyac SM, Tosheva T, RT, Shedlofsky SI, Blouin RA: "Variable Changes in CYP2E1 Activity after Endotoxin Administration in Humans", SOT 1999 Annual Meeting, New Orleans, LA, March 1999 (poster).
149. Blouin RA: "Post-Graduate Education", University of Minnesota Seminar Series, Minneapolis, MN, March 1999 (Presentation).
150. Blouin RA: "Prediction Drug-Drug Interactions from In-Vitro Data", University of Minnesota College of Pharmacy Seminar Series, Minneapolis, MN, March 1999 (Presentation).
151. Van Ess PJ, Pedersen WA, Culmsee C, Mattson MP, Blouin RA: "Alterations in Cytochrome P450 Enzyme Activity in Transgenic Mice Expressing Familial Alzheimer's Disease-Linked Mutant Beta Amyloid Precursor Protein", AAPS 1999 Annual Meeting, New Orleans, LA, November 1999 (poster).
152. Poloyac SM, Blouin RA: "Tissues Specific Alterations in CYP2E1 Expression following Traumatic Brain Injury in the Rat", AAPS 1999 Annual Meeting, New Orleans, LA, November 1999 (poster).
153. Rockich KT, Tosheva T, RT, Shedlofsky SI, Blouin RA: "The Effect of Endotoxin Administration on CYP3A4 Activity in Humans", AAPS 1999 Annual Meeting, New Orleans, LA, November 1999 (poster).
154. Blouin RA, DiPiro JT, Evans WE, Fletcher CV, Johnson JA, Relling MV: "Establishing the Link: Developing Proposals that Fill a Gap in Knowledge - Mock Study Section: Critique of Contemplated Methods", 1999 ACCP Annual Meeting, Kansas City, MO, October 1999 (Symposia presentation).

155. Blouin RA: "Understanding Changes in Hepatic Drug Metabolism through Pharmacokinetic Data Analysis of Model Probe Drugs", 1999 Conference on Nonlinear Statistical Models: Implementation and Application, Lexington, KY, November 1999 (Symposia presentation).
156. Shedlofsky SI, Tosheva RT, Rockich KT, Cunningham CR, Goeger DE, Blouin RA: "Superiority of Midazolam as a Probe for Assessing CYP3A4 Activity in Human Endotoxin Model", SOT 2000 Annual Meeting, Nashville, TN, March 2000 (poster).
157. Blouin RA: "Expression and Regulation of Drug Metabolizing Enzymes in Obesity", ASBMB/ASPET Annual Meeting, Boston, MA, June 2000 (Symposia presentation).
158. Lubawy WC, Yokel RA, Blouin RA, Blumenschein K: "Advanced Degree Programs Integrated with the Doctor of Pharmacy Curriculum as a Foundation for the Future", AACP Annual Meeting, San Diego, CA, July 2000 (poster).
159. Van Ess PJ, Warren GW, Mattson MP, Blouin RA: "Effect of Clofibrate Administration on Cytochrome P450 Activity in TNF p55/p75 Double Receptor Knockout Mice", AAPS Annual Meeting, Indianapolis, IN, November 2000 (poster).
160. Van Ess PJ, Warren GW, Mattson MP, Blouin RA: "Enhanced Phenobarbital Induction of Hepatic CYP2B Parallels CAR Activation in Tumor Necrosis Receptor Double Knockout Mice", AAPS Annual Meeting, Denver, CO, November 2001 (poster).
161. Blouin RA (panel member): "Promoting German, Austrian, and Swiss Investment in Kentucky", Kentucky German Business Council 2nd Annual Conference, Lexington, KY October 2001.
162. Van Ess PJ, Warren GW, Mattson MP, Blouin RA: "Effect of Phenobarbital on Cytochrome P450 Induction in Tumor Necrosis Factor and Interleukin-6 Deficient Mice", 33rd Annual Pharmaceutical Graduate Student Research Meeting, Madison, WI, July 2001 (Dr. Van Ess received 2nd place poster presentation award for this work).
163. Tosheva RT, Van Ess P, Cunningham CR, Blouin RA, Shedlofsky SI: "Increased CYP2E1 Activity and Enhanced Systemic Oxidative Stress after Endotoxin in Humans", SOT Annual Meeting, Nashville, TN, March 2002.
164. Van Ess P, Charriez C, Tosheva RT, Shedlofsky SI, Blouin RA: "Correlation between NFkB and Changes in Chlorzoxazone Disposition following an Acute Phase Response", 2002 ACCP Spring Practice and Research Forum, Savannah, GA, April 2002 (poster).
165. Blouin RA: "The Impact of Obesity on Drug Pharmacokinetics and Pharmacodynamics", 2002 ACCP Spring Practice and Research Forum, Savannah, GA, April 2002 (presentation).
166. Blouin RA: "The Effect of the Acute Phase Response on CYP2E1 Expression and Regulation", Department of Medicinal Chemistry Seminar Series, The Ohio State University, Columbus, OH, April 2002 (presentation).
167. Blouin RA: "Effect of Obesity on Drug Metabolism", University of Kentucky Center for Nutritional Sciences Seminar Series, Lexington, KY April 2002 (presentation).
168. Blouin, RA: "Future of Research and Graduate Education in Clinical Pharmacy", University of Illinois at Chicago, Chicago, Illinois July 2005 (presentation).

169. Blouin, RA: "Moving Learning up Bloom's Taxonomy", 2007 AACP Interim Meeting, Arlington, VA, February 2007 (presentation).
170. Blouin, RA: The 11th Annual Michael J Ordman Memorial Lecture, Massachusetts College of Pharmacy and Health Sciences, Boston, MA, March 2007 (presentation).
171. Blouin, RA: "Moving up Bloom's Taxonomy", University of Maryland Faculty Assembly, Baltimore, MD, April 2007 (presentation).
172. Blouin, RA: "Educational Renaissance", University of Minneapolis Faculty Retreat, Minneapolis, MN, May 2007 (presentation).
173. Blouin, RA: "Educational Renaissance at the University of North Carolina", ASHP Annual Midyear Clinical Meeting, Las Vegas, NV, December 2007 (round table discussion).
174. Joyner, P, Pollack, GM, Blouin, RA: "Educating the Next Generation of Pharmacy Students: An Educational Renaissance at the UNC School of Pharmacy", 2008 AACP Interim Meeting, Arlington, VA, February 2008 (round table discussion).
175. Blouin, RA: "Educating the Next Generation of Learners", University of West Virginia Faculty Retreat, Morgantown, WV, January 2008 (presentation).
176. Blouin, RA: "Educational Renaissance: Experience at the University of North Carolina", University of Wisconsin, Madison WI, February 2008 (presentation).
177. Blouin RA: "The Role of Research in a Professional Curriculum", US-Thai Pharmacy Consortium: For the Development of Pharmacy Education in Thailand, Madison WI, July 2008 (presentation).
178. Blouin RA, Joyner P, Persky A, Pollack GM: "Educating the Next Generation of Pharmacy Students: An Educational Renaissance at the UNC Eshelman School of Pharmacy", 2008 AACP Annual Meeting, Chicago IL, July 2008 (presentation).
179. Blouin RA: "2009 First Tennessee Chair of Excellence Distinguished Visiting Professor: Translational Research and Training Opportunities and Challenges", University of Tennessee School of Pharmacy, Memphis TN, January 2009 (presentation).
180. Blouin RA: "2009 Rho Chi Lecturer: Educational Renaissance and the Next Generation of Learners", University of Kentucky College of Pharmacy, Lexington KY, March 2009 (presentation).
181. Blouin RA: "2009 Rho Chi Lecturer: A Call to Leadership", University of Kentucky College of Pharmacy, Lexington KY, March 2009 (presentation).
182. Blouin RA: "Strategies to Focus and Enhance Research Funding", University of Houston College of Pharmacy, League City TX, May 2009 (presentation).
183. Blouin RA: "Clinical Pharmaceutical Scientists PhD Program: Success and Lessons Learned", University of Southern California School of Pharmacy, Los Angeles CA, July 2009 (presentation).
184. Blouin RA, Speedie M, Jordan R: "Sharing the Dynamics of Transforming Gifts", 2009 AACP Annual Meeting, Boston MA, July 2009 (panel).
185. Blouin RA: "Roles of Innovation in Education Delivery", 2009 AACP Curricular Change Summit, Scottsdale AZ, September 2009 (symposia presentation).

186. Blouin RA: "Educating the Next Generation of Learners: A Case for Change", University of British Columbia, Vancouver BC, November 2009 (presentation).
187. Blouin RA: "Educational Renaissance: A Case for Change", North Carolina Research and Education Network (NCREN) Community Celebration 2009, Cary NC, December 2009 (symposia presentations).
188. Blouin RA: "Preparing a Renaissance in Pharmacy Education: A Hybrid Delivery Model", EduPharm@Asia 2010 Symposium, National University of Singapore, Singapore, April 2010 (symposia presentation).
189. Blouin RA: "Roles of Innovation in Education Delivery", Wayne State University, Detroit MI, May 2010 (presentation).
190. Blouin RA: "Patient Centered Care: Educating the Next Generation of Pharmacists", 67th AFPC Conference, Richmond BC, Canada, June 2-5, 2010 (symposia presentation).
191. Blouin RA, Ratka A, Zgarrick DP: "Graduate Student Program: How to Get Your First Job", 2010 AACP Annual Meeting, Seattle WA, July 2010 (panel).
192. Van Amburgh JA, Surratt CK, Green JA, Gallucci RM, Colbert J, Zatopek SL, Blouin RA: "Succession Planning in US Pharmacy Schools", 2010 AACP Annual Meeting, Seattle WA, July 2010 (poster).
193. Duncan W, Medina MS, Fielding DW, Brazeau GA, Austin ZH, Blouin RA, Meyer SM: "Speaking the Same Tongue: Coming to Consensus on the Language of Assessment and Evaluation", 2010 AACP Annual Meeting, Seattle WA, July 2010 (presentation).
194. Duncan W, Medina MS, Fielding DW, Brazeau GA, Austin ZH, Blouin RA, Meyer SM: "Charting the Course: Planning Efficient and Effective Approaches to Assessment and Evaluation", 2010 AACP Annual Meeting, Seattle WA, July 2010 (presentation).
195. Blouin RA: "Educating the Next Generation of Learners", 2010 NABP/AACP District III Meeting, Blowing Rock NC, August 2010 (presentation).
196. Blouin RA: "Integration of the Education and Research Missions: Optimizing Impact at a Research-Intensive University", Inaugural 2010 Arthur D. Bloom College of Pharmacy Seminar Series, University of Utah, College of Pharmacy, Salt Lake City Utah, October 2010 (presentation).
197. Blouin RA: "Education Reform in Higher Education: A Need for Change", University of Montana, Missoula MT, January 2011 (presentation).
198. Blouin RA: "Curriculum Revision: Effects on Research and Teaching Missions of Departments", Associate of Medical Pharmacology Chairs, Cancun, Mexico, January 2011 (presentation).
199. Blouin RA: "Good to Great: A UNC Eshelman School of Pharmacy Case Study", Faculty Learning Community on Strategy and Leadership, The University of North Carolina at Chapel Hill, Chapel Hill NC, February 2011 (presentation).
200. Blouin RA: "Transformative Leadership and Teams", Transformational Leadership: Deans and Chairs as Agents of Change - 2011 AACP Interim Meeting, (panel discussion with Lyle Bootman, Stephen Schondelmeyer, Kathleen Johnson), Seattle WA, February 2011 (panel discussion).

201. Blouin RA: “From the Asheville Project to Health Care Reform: The Value Added Proposition of a Pharmacist”, William E. Hassan Jr. Distinguished Rho Chi Memorial Lecture, Massachusetts College of Pharmacy & Health Sciences-Boston, Boston MA, March 2011 (presentation).
202. Blouin RA: “A Call to Leadership: A Personal Journey”, The Rho Chi Psi Chapter of the Massachusetts College of Pharmacy & Health Sciences Keynote Speaker, Boston MA, March 2011 (presentation).
203. Blouin RA: “Active Learning and Leveraging Technology in the Classroom”, University of Illinois College of Pharmacy Faculty Retreat, Lake Geneva WI, May 2011 (presentation).
204. Blouin RA: “Global Pharmacy Education and Colleges of Pharmacy: Challenges and Opportunities – Transforming Pharmacy in Singapore: A Partnership”, 2011 AACP Annual Meeting, San Antonio TX, July 2011 (presentation).
205. Blouin RA: “Developing and Evaluating Faculty Excellence”, University of Texas at Austin, College of Pharmacy Faculty Retreat, Austin TX, August 2011 (presentation).
206. Blouin RA: “Integration of the Education and Research Missions: Optimizing Impact at a Research Public University”, Bill Gatton College of Pharmacy, East Tennessee State University, Johnson City, TN, November 2011 (presentation).
207. Blouin RA: “Education Reform in Higher Education: A Need for Change”, Bill Gatton College of Pharmacy, East Tennessee State University, Johnson City, TN, November 2011 (presentation).
208. Blouin RA: “Our Research Mission: Scope, Focus, and Collaborations”, Tokushima University, Tokushima, Japan, January 2012 (symposia presentation).
209. Blouin RA: “Integration of the Education and Research Mission: Optimizing Impact at a Research Intensive University”, The Ohio State University, Columbus, OH, April 5, 2012 (presentation).
210. Blouin RA: “2012 Rho Chi Lecturer: Changing the World – One Student at a Time”, The Ohio State University, Columbus, OH, April 5, 2012 (presentation).
211. Blouin RA: “Reimagining the Public University of the 21st Century: UNC Library Strategic Planning Retreat”, University of North Carolina at Chapel Hill, Chapel Hill, NC, June 2012 (reactor panel member).
212. Blouin RA: “Transformation of a School of Pharmacy through Strategic Planning”, University of New Mexico, Albuquerque, NM, January 2013 (presentation).
213. Blouin RA: “Cultivating the Science and Scientists for the 21st Century Drug Discovery and Development”, 2013 AAAS Annual Meeting, Boston, MA, February 2013 (presentation).
214. Blouin RA: “Integration of the Education and Research Missions: Optimizing Impact in Health Science Professions”, Krantz Lecturer at the University of the Sciences, Philadelphia, PA, April 2013 (presentation).
215. Blouin RA: “Creating a Culture to Support Research and Scholarship”, Wayne State University, Detroit, MI, June 2013 (presentation).
216. McClurg MR, Singleton S, Rodgers PT, Lee C, McLaughlin, Moore J, Guidotti M, Joyner PU, Mumper R, Blouin RA: “A Systems Approach to Transformation in Pharmacy Education”, 2013 AACP Annual Meeting, Chicago, IL, July 2013 (poster).

217. Blouin RA, Tracy T, Mumper R, Chrisman L: "Deans Networking Session: Effective Utilization of Administrative Tools", AACP Annual Meeting, Chicago, IL, July 2013 (networking session).
218. Blouin RA, Van Amburgh JA, Keefe K: "Leadership Programming: Succession Planning in Academic Pharmacy", AACP Annual Meeting, Dallas, TX, July 2014 (presentation).
219. Blouin RA, McClurg M, Joyner PU: "The Life Cycle of a Strategic Plan: Environmental Scan to Assessment", AACP Annual Meeting, Dallas, TX, July 2014 (presentation).
220. Blouin RA, McClurg M, Easter J, Trygstad T: "Teams Leading Change: Glaxo Smith Kline, Community Care of North Carolina, and the UNC Eshelman School of Pharmacy", AACP Interim Meeting, Austin, TX February 2015 (presentation).
221. Blouin RA: "The Layered Learner Practice Model" AACP Interim Meeting, Austin, TX February 2015 (presentation).
222. Allen DD, Blouin RA, McKay: "Building a Functional, Productive and Successful Research Program at College and Department Level", AACP Annual Meeting, National Harbor, MD, July 2015 (panel presentation).
223. Blouin RA: "Engaging University Administration Effectively to Advance your School or College", AACP Annual Meeting, National Harbor, MD, July 2015 (presentation).
224. Blouin RA: "Decision Making in Practice, the Integration of Science, The Dean's Role", FIP 6th Academic Institutional Membership Forum, Dusseldorf, Germany, September 2015.
225. Blouin, RA: "Building a Culture of Collaboration and Innovation at the UNC Eshelman School of Pharmacy: Important Lessons Learned", International Society for Pharmaceutical Engineering (IPSE) Conference, Bethesda, MD, February 2018.

RESEARCH AND CREATIVE PRODUCTIVITY

PUBLICATIONS:

1. Westerfield BT, Blouin RA: Ethchlorvynol intoxication. South Med J. 70:1019-1020, 1977.
2. Bivens BA, Rapp RP, Griffen WO Jr., Blouin RA, Bustrack JA: Dopamine - phenytoin interaction. Arch Surg 113:245-249, 1978.
3. Rapp RP, Bustrack JA, Blouin RA: Dopamine interaction. Drug Intell Clin Pharm 12:249, 1978.
3. Blouin RA, Mann HJ, Griffen WO Jr., Bauer LA, Record KE: Tobramycin pharmacokinetics in morbidly obese patients. Clin Pharmacol Ther 26:508-512, 1979.
5. Bauer LA, Blouin RA, Griffen WO Jr., Record KE, Bell RM: Amikacin pharmacokinetics in morbidly obese patients. Am J Hosp Pharm 37:519-522, 1980.
6. Blouin RA, Bauer LA, Piccoro JJ, Holland NH: Decreased gentamicin half-life during peritoneal dialysis: A case report. Drug Intell Clin Pharm 14:218-219, 1980.
7. Blouin RA, Bauer LA, Bustrack JA, Record KE, Bivens BA: Theophylline hemodialysis clearance. Ther Drug Monit 2:221-223, 1980.

8. Blouin RA, Elgert JF, Bauer LA: Theophylline clearance: effect of marked obesity. Clin Pharmacol Ther 28:619-623, 1980.
9. Blouin RA, Erwin WG, Dutro MP, Bustrack JA, Rowse KL: Chloramphenicol hemodialysis clearance. Ther Drug Monitor 2:351-354, 1980.
10. Oeltgen PR, Hamann SR, Blouin RA: Comparison of gentamicin assays. Ther Drug Monit 2:423-425, 1980.
11. Bauer LA, Blouin RA: Influence of age on theophylline clearance in patients with chronic obstructive pulmonary disease. Clin Pharmacokinet 6:469-474, 1981.
12. Dionne RE, Bauer LA, Gibson GA, Griffen WO Jr., Blouin RA: Estimating creatinine clearance in morbidly obese patients. Am J Hosp Pharm 38:841-844, 1981.
13. Lawson LA, Blouin RA, Smith RB, Rapp RP, Young AB: Phenytoin-dexamethazone interaction: a previously unreported observation. Surg Neurol 16:23-24, 1981.
14. Bailey RT, Young AB, Rapp RP, Blouin RA: Theophylline toxicity after the use of aminophylline in the treatment of cerebral vasospasm. Neurosurgery 9:722-724, 1981.
15. Bauer LA, Blouin RA: Influence of age on tobramycin pharmacokinetics in patients with normal renal function. Antimicrob Agents Chemother 20:587-589, 1981.
16. Bauer LA, Bauer SP, Blouin RA: The effect of acute and chronic renal failure on theophylline clearance. J Clin Pharmacol 22:65-68, 1982.
17. Lawson LA, Blouin RA, Parker PF: Quality assurance program for a clinical pharmacokinetic service. Am J Hosp Pharm 39:607-609, 1982.
18. Blouin RA, Bauer LA, Miller DD, Record KE, Griffen WO Jr.: Vancomycin pharmacokinetics in normal and morbidly obese subjects. Antimicrob Agents Chemother 21:575-580, 1982.
19. Blouin RA, Erwin WG, Foster TS, Scott S: Pharmacokinetics of theophylline in young and elderly subjects. Gerontology 28:323-327, 1982.
20. Hamann SR, Oeltgen PR, Shank WA, Blouin RA, Natarajan L: Evaluation of gentamicin pharmacokinetics during peritoneal dialysis. Ther Drug Monitor 4:297-300, 1982.
21. Bauer LA, Blouin RA: Age and phenytoin kinetics in adult epileptics. Clin Pharmacol Ther 31:301-304, 1982.
22. Bauer LA, Blouin RA: Gentamicin pharmacokinetics: Effect of aging in patients with normal renal function. J Am Geriatr Soc 30:309-311, 1982.
23. Bauer LA, Blouin RA: Amikacin pharmacokinetics in young men with pneumonia. Clin Pharm 1:353-355, 1982.
24. Bauer LA, Piccoro JJ, Wilson HD, Blouin RA: Gentamicin and tobramycin pharmacokinetics in patients with cystic fibrosis. Clin Pharm 2:262-264, 1983.

25. Bauer LA, Blouin RA: Influence of age on amikacin pharmacokinetics in patients without renal disease: Comparison with gentamicin and tobramycin. Eur J Clin Pharmacol 24:639-642, 1983.
26. Benedek IH, Fiske WD, Griffen WO Jr., Bell RM, Blouin RA, McNamara PJ: Serum alpha-1 acid glycoprotein and the binding of drugs in obesity. Br J Clin Pharmacol 16:751-754, 1983.
27. Bauer LA, Blouin RA: Phenytoin Michaelis-Menton pharmacokinetics in Caucasian paediatric patients. Clin Pharmacokinet 8:545-549, 1983.
28. Hamann SR, Blouin RA, McAllister RG: Clinical pharmacokinetics of verapamil. Clin Pharmacokinet 9:26-41, 1984.
29. Benedek IH, Blouin RA, McNamara PJ: Influence of smoking on serum protein composition and the protein binding of drugs. J Pharm Pharmacol 36:214-216, 1984.
30. Bauer LA, Edwards WA, Randolph FP, Blouin RA: Cimetidine induced decreases in lidocaine metabolism. Am Heart J 108:413-415, 1984.
31. Oeltgen PR, Shank WA, Blouin RA, Clark T: Clinical evaluation of the Abbott TDx(TM) fluorescence polarization immunoassay analyzer. Ther Drug Monit 6:360-367, 1984.
32. O'Neal W, Whitten KM, Baumann RJ, Blouin RA, Piccoro JJ: Lack of serious toxicity following carbamazepine overdose. Clin Pharm 3:545-547, 1984.
33. Brouwer KL, Kostenbauder HB, McNamara PJ, Blouin RA: Phenobarbital in the genetically obese Zucker rat. I. Pharmacokinetics after acute and chronic administration. J Pharmacol Exp Ther 231:649-653, 1984.
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35. Benedek IH, Blouin RA, McNamara PJ: Serum protein binding and the role of increased alpha 1-acid glycoprotein in moderately obese male subjects. Br J Clin Pharmacol 18:941-946, 1984.
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42. Benedek IH, Blouin RA, McNamara PJ: Altered drug-serum protein binding in the genetically obese Zucker rat. J Pharm Sci 74:837-840, 1985.
43. Wermeling D, Record K, Bell R, Porter W, Blouin RA: Hemodialysis clearance of pentobarbital during continuous infusion: A case report. Ther Drug Monit 7:485-487, 1985.
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46. Fiske WD, Blouin RA, Mitchell B, McNamara PJ: Renal function in the obese Zucker rat. Int J Obes 10:175-183, 1986.
47. Wermeling DP, Blouin RA, Porter WH, Rapp RP, Tibbs PA: Pentobarbital pharmacokinetics in patients with severe head injury. Drug Intell Clin Pharm 21:459-463, 1987.
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52. Chandler MH, Scott SR, Blouin RA: Age-associated stereoselective alterations in hexobarbital metabolism. Clin Pharmacol Ther 43:436-441, 1988.
53. McNamara PJ, Blouin RA, Brazzell RK: The protein binding of phenytoin, propranolol, diazepam and AL01576 (an aldose reductase inhibitor) in human and rat diabetic serum. Pharm Res 5:261-265, 1988.
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55. Chandler MH, Blouin RA: Theophylline pharmacokinetics in the aged: A review. J Geriatric Drug Ther 3:23-40, 1988.
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121. O'Malley MS, Blouin RA, Pisano ED, Rimer BK, Roper WL, Earp HS: Research for North Carolina: The University Cancer Research Fund. NC Med J 69 (4): 299-302, 2008.
122. Blouin RA, Pollack GM: Training Clinical Pharmaceutical Scientists in Today's Highly Competitive Times: It's Time to Commit to Change. Pharmacotherapy 29 (2) 134-136, 2009.
123. Blouin RA, Riffée WH, Robinson ET, Beck DE, Green C, Joyner PU, Persky AM, Pollack GM: Roles of Innovation in Education Delivery. Am J Pharm Educ 73 (8): 1-19, 2009.
124. Van Amburgh JA, Surratt CK, Green JA, Gallucci RM, Colbert J, Zatopek SL, Blouin RA: Succession Planning in US Pharmacy Schools. Am J Pharm Educ 74 (5): Article 86, 2010.
125. Joyner PU, Blouin RA, Mumper RJ: New Directions in Pharmacy Education. JAPhA 51(6): 678-680, 2011.
126. Joyner PU, O'Connor SK, Thrasher KA, Blouin RA: Addressing Rural Health Disparities through Pharmacy Curricula. Am J Pharm Educ 76 (10), Article 180, 2012.
127. Parker RB, Ellingrod VL, DiPiro JT, Bauman JL, Blouin RA, Welage LS: Preparing Clinical Pharmacy Scientists for Careers in Clinical/Translational Research: Can We Meet the Challenge? Pharmacotherapy 33 (12): 337-346, 2013.
128. McLaughlin JE, Dean MJ, Mumper RJ, Blouin RA, McClurg MT: A Roadmap for Educational Research in Pharmacy. Am J Pharm Educ 77 (10), Article 218, 2013.
129. Roth MT, Mumper RJ, Singleton SF, Lee CR, Rodgers PT, Cox W, McLaughlin, Joyner P, Blouin RA: A Renaissance in Pharmacy Education at the University of North Carolina at Chapel Hill. NCMedJ 75(1):48-52, 2014.

BOOK CONTRIBUTIONS:

Clinical Guide to Laboratory Tests. Norbert W. Tietz; Drugs: Therapeutic and Toxic. W.B. Saunders Co., Philadelphia, PA, 1:560-621, 1983.

Moyer TP, Pippenger CE, Blanke RV, Blouin RA: Therapeutic Drug Monitoring (Chapter 17): In: Tietz NW ed., Textbook of Clinical Chemistry (Second Edition), W.B. Saunders Co., Philadelphia, PA, 1615-1669, 1986.

Moyer TP, Pippenger CE, Blanke RV, Blouin RA: Therapeutic Drug Monitoring (Chapter 26): In: Tietz NW ed., Fundamentals of Clinical Chemistry (Third Edition), W.B. Saunders, Co., Philadelphia, PA, 842-868, 1987.

DiPiro JT, Blouin RA, Pruemmer J: Concepts in Clinical Pharmacokinetics: A Self Instructional Course: ASHP Publications, 1988.

Clinical Guide to Laboratory Tests, Second Edition, Norbert W. Tietz, Therapeutic Drugs. W.B. Saunders Co., Philadelphia, PA, 2; 681-764, 1990.

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DiPiro JT, Blouin RA, Pruemer J, Spruill WJ: Concepts in Clinical Pharmacokinetics: A Self Instructional Course - Second Edition, ASHP Publications, 1996.

DiPiro JT, Spruill WJ, Blouin RA, Pruemer J: Concepts in Clinical Pharmacokinetics, Third Edition, ASHP Publications, 2002.

DiPiro JT, Spruill WJ, Wade WE, Blouin RA, Pruemer J: Concepts in Clinical Pharmacokinetics, Fourth Edition, ASHP Publications, 2005.

DiPiro JT, Spruill WJ, Wade WE, Blouin RA, Pruemer J: Concepts in Clinical Pharmacokinetics, Fifth Edition, ASHP Publications, 2010.

GRANT ACTIVITY:

Industrial/Institutional Grants:

1. The Effect of Positive End Expiratory Pressure on the Total Body Clearance of Theophylline in Dogs; BRSG (College of Medicine), University of Kentucky; November 1977; (Co-investigator), \$1,900.
2. Major Research Equipment Fund; UKRF, University of Kentucky; October 1978; (Principal investigator), \$4,600.
3. Bioavailability and Safety Evaluation of Theophylline Sodium Glycinate; Merrell-National Laboratories; October 1978; (Co-investigator).
4. Aminoglycoside Pharmacokinetics in Obese Patients; UKRF, University of Kentucky; January 1979; (Principal investigator), \$1,700.
5. Pharmacokinetics of Tobramycin in Morbidly Obese Patients; Eli Lilly Co.; May 1978; (Principal investigator), \$1,000.
6. Pharmacokinetics of Amikacin in Morbidly Obese Patients; Bristol Lab; January 1979; (Principal investigator), \$1,200.

7. Evaluation of the Disposition of Theophylline in the Elderly; Sanders Brown Aging Grant, University of Kentucky; April 1979; (Principal investigator).
8. Evaluation of the Pharmacokinetics of Doxorubicin in Liver Disease; American Cancer Society Institutional Grant; November 1980; (Co-investigator), \$4,800.
9. Evaluation of Amikacin Pharmacokinetics During Pregnancy; UKRF, University of Kentucky; November 1980; (Principal investigator), \$2,800.
10. Evaluation of Obese Animal Model; BRSO (College of Pharmacy), University of Kentucky; September 1981; (Principal investigator), \$2,400.
11. Acute and Chronic Effects of Right Ventricular Dysfunction on Hepatic Drug Elimination; BRSO (College of Medicine), University of Kentucky; November 1981; (Co-investigator), \$5,000.
12. Obese Rat Model: Physiologic/Pharmacokinetic Implications; Kircher Fund; January 1982; (Co-investigator), \$5,000.
13. Obese Rat Model: Physiologic/Pharmacokinetics Implications; Incentive Award, University of Kentucky; February 1982; (Principal investigator), \$1,000.
14. Hibernation Induction Trigger: Physiologic Effects in the Rat; UKRF, University of Kentucky; November 1982; (Principal investigator), \$2,538.
15. Chemical and Physiological Characterization of a Hibernation Induction Trigger; BRSO (College of Medicine), University of Kentucky; February 1983; (Co-investigator), \$2,000.
16. Tobramycin Bioequivalence in the Eye; Alcon Laboratories; October 1983; (Co-investigator), \$6,000.
17. Estrogen Disposition in Obesity-A Link to Cancer; UKMC; October 1984; (Co-investigator), \$5,500.
18. Formation and Inactivation of Highly Reactive Intermediate Metabolites in Obesity; UKMC; October 1984; (Principal investigator), \$4,500.
19. Estrogen Disposition in Obesity-A Link to Cancer; UKMC Major Research Equipment; November 1984; (Co-investigator), \$8,500.
20. Dose-Bioavailability Relationship of PN200-110 in Healthy Male Volunteers; Sandoz Pharmaceuticals; November 1984; (Co-investigator), \$31,589.50.
21. Bioavailability and Pharmacokinetic Evaluation of Neptazane Tablets; Lederle Laboratories; October 1984; (Co-investigator), \$75,110.
22. Bioavailability Study of BW825C, Burroughs Wellcome; April 1985; (Co-investigator), \$49,364.
23. Evaluation of the Bioavailability of Two Strengths of PN200-110; Sandoz Pharmaceuticals; April 1985; (Co-investigator), \$52,535.
24. Levothyroxine Bioavailability: In Vivo Comparison, Flint Laboratories; November 1984; (Principal investigator), \$62,829.
25. The Effects of Renal Function on the Disposition of PN200-110, Sandoz Pharmaceuticals, April 1985; (Principal investigator), \$93,528.

26. The Effects of Liver Cirrhosis on the Disposition of Flurbiprofen, The Upjohn Co., April 1985; (Principal investigator), \$40,000.
27. The Disposition of RO10-9359 and RO10-1670 in an Obese Rodent Model; Hoffmann-LaRoche; September 1985; (Co-investigator), \$16,000.
28. Protein Binding of the Aldose Reductase Inhibitor AL1576; Alcon Pharmaceuticals; June 1985; (Co-investigator), \$13,800.
29. Extended Multiple-Dose Safety and Pharmacokinetic Study of BW207U and Placebo in Normal Male Volunteers; Burroughs Wellcome; August 1985; (Co-investigator), \$126,514.
30. A Pilot ViskinR Elan 7 Capsule Bioavailability Study in Fasted and Non-Fasted Healthy Male Volunteers; Sandoz Pharmaceuticals; April 1986; (Co-investigator), \$40,615.
31. Dextromethorphan-Mephenytoin: Influence of Co-Administration on Patient Phenotyping; Bristol Laboratories; April 1986; (Co-investigator), \$12,500.
32. Influence of Oxidative Phenotype on Midazolam Disposition; Hoffmann LaRoche; June 1986; (Co-investigator), \$20,010.
33. Population Screening for Deficiencies in Oxidative Drug Metabolism; UKMC; October 1986; (Co-investigator), \$6,000.
34. The Influence of Aging on the Stereoselective Disposition of Model Racemic Drugs; UKMC; October 1986; (Principal investigator), \$6,743.
35. Protocol to Evaluate the Bioavailability of Two Dosage Forms of TI211-950 Relative to a Reference Solution in Healthy Male Volunteers; Sandoz Pharmaceuticals; September 1986; (Co-investigator), \$77,000.
36. Evaluation of a Computer Software System for the Prediction of Serum Digoxin, Quinidine, Theophylline, and Aminoglycoside; Abbott Diagnostics; October 1986; (Principal investigator), \$8,000.
37. Population Screening for Deficiencies in Oxidative Drug Metabolism; Bristol Laboratories; October 1986; (Co-principal investigator), \$22,540.
38. A Bioequivalence and Safety Study of Vancomycin in Normal Adult Male Volunteers; Lyphomed Labs.; May 1987; (Co-investigator), \$47,822.
39. Response of Cardiac Beta Receptors to Propranolol Stereoisomers in the Elderly; BRSG; May 1987; (Principal investigator), \$5,000.
40. The Single Dose Pharmacokinetics of Nefazodone in Extensive and Poor Metabolizer of Dextromethorphan; Bristol Laboratories; September 1987; (Principal investigator); \$33,833.
41. Pulmonary Function in Elderly: Response to Theophylline Brochodilation; UKMC; October 1987; (Co-investigator), \$5,000.
42. Age and Verapamil Stereoselective Disposition; Sandoz Foundation for Gerontological Research; November 1987; (Co-investigator), \$25,720.

43. Absolute Bioavailability and Disposition of Fleroxacin in Healthy Subjects and Patients with Liver Cirrhosis; Hoffmann-LaRoche; July 1988; (Principal investigator), \$102,000.
44. The Effect of Antacids on the Absorption of Lomefloxacin; G.D. Searle and Co.; October 1988; (Co-investigator), \$65,000.
45. Age and Propranolol Enantiomeric Kinetics and Dynamics; UKMC Major Equipment Grant; January 1989; (Principal investigator), \$13,965.
46. Evaluation of the Plasma Protein Binding of U-74006F; The Upjohn Co.; March 1989; (Co-investigator), \$49,611.
47. Neonatal Phenobarbital Imprinting in Humans: Effect on the Cytochrome P-450 System; BRSG; May 1989; (Principal investigator), \$5,000.
48. A Bioavailability Study of ANSAID (Upjohn) vs. Apo-Flurbiprofen (Apotex) in Normal Adult Male Volunteers; PTRL(Apotex); August 1989; (Co-investigator), \$39,878.
49. The Effect of Renal and Liver Disease on the Serum Protein Binding of Flurbiprofen (Prospective); The Upjohn Co.; January 1990; (Principal investigator), \$35,650.
50. The Effect of Renal and Liver Disease on the Serum Protein Binding of Flurbiprofen (Retrospective); The Upjohn Co.; June 1990; (Principal investigator), \$20,125.
51. The Effect of Obesity on the Disposition of Fleroxacin; F. Hoffmann LaRoche; July 1990; (Principal investigator), \$38,525.
52. Hydrolysis of Cefetamet Pivoxil in Gastric Juices; F. Hoffmann-LaRoche; July 1990; (Principal investigator), \$20,700.
53. Age and Stereoselective Kinetics/Dynamics of Terbutaline; Astra Clinical Pharmacy Research Award; July 1990; (Co-investigator), \$7500.
54. Regulation of Drug Metabolizing Enzymes: Use of Immunoblotting Techniques; UKMC Research Fund; December 1990; (Co-investigator), \$20,000.
55. Major Equipment Grant: Beckman Optima XL-90 Ultracentrifuge Plus Rotors; UKMC Research Fund; April 1990; (Co-investigator), \$71,100.
56. Major Equipment Grant: Packard 1900 TR Liquid Scintillation Analyzer; UKMC Research Fund; February 1992; (Co-Investigator), \$19,208.
57. Major Equipment Grant: Shimadzu UV160 UV-Visible Recording Spectrophotometer with Super Micro Cell Holder; UKMC Research Fund; February 1992; (Co-Investigator), \$8,845.
58. Major Equipment Grant: Tissue Culture Laboratory Equipment; UKMC Research Fund; February 1992; (Co-Investigator), \$8,726.
59. The Effect of Cl284,846 on the Hepatic Cytochrome P-450 Mixed Function Oxidase System; American Cyanamid Co.; July 1992; (Principal Investigator), \$29,336.
60. Mechanistic Toxicity Study of Geriatric I. Cl275,838 for Three Months in Rats and Mice; American Cyanamid Co.; October 1992; (Principal Investigator), \$45,478.40.

61. Upper Aerodigestive Tract CA: Role of Cytochrome P450, UKMC Research Fund; April 1993; (Principal Investigator), \$12,000.00.
62. Mephenytoin Phenotyping Assay; Wyeth-Ayerst Clinical Pharmacology Laboratories; January 1994; (Principal Investigator), \$7,174.40.
63. Pharmacokinetics of venlafaxine in Extensive and Poor Metabolizers of Dextromethorphan; Wyeth-Ayerst Labs.; May 1994; (Principal Investigator), \$144,888.
64. Determination of Extensive or Poor Metabolism Status through Phenotyping with Dextromethorphan and Mephenytoin; Wyeth-Ayerst Clinical Pharmacology Laboratory; September 1994; (Principal Investigator) \$16,807.
65. Mechanism of Chloroquine Induced Retinopathy; Pfizer Inc.; February 1999-April 2001; (Principal Investigator, 5% Effort), \$120,130 (Total); \$82,000 (direct).
66. NFkB Decoy DNA: Formulation and Liver Targeting; UKMC; July 2000-June 2001; (Principal Investigator, 5% Effort). \$15,000.
67. Research Training in Environmental Toxicology; NIHEH (T32-ES07266-02); July 2000-June 2005; (Co-investigator, 5% effort), \$704,392.
68. Alcohol-Induced Hepatic P450 in HCV/HIV Oxidative Injury, NIH (R01-AA012852-02); October 2000-September 2004; Co-Investigator, 5% effort), \$982,590 (Total); \$700,000 (Direct).
69. Career Training in Therapeutics & Translational Research; NIH (K30-HL04163-02); October 2000-September 2005; (Co-Principal Investigator, 25% effort), \$1,000,000 (Direct).
70. Nanoplate Engineering of Cell-Specific Nanoparticle, NIH R21/R33 Phased Innovation Award (R21-EB00531-01); July 2002-June 2004; (Co-Investigator, 5% Effort), \$300,864 (Total); R21/R33 Project Period, July 2002-June 2007; Co-investigator, 5%), \$1,919,393 (Total).

Foundation Grants:

1. Altered Estrogen Metabolism in Obesity: A Link to Cancer, The Weight Watchers Foundation, Inc., March 1985; (Co-investigator), \$10,541.
2. The Influence of Aging on the Stereoselective Disposition of Model Racemic Drugs; American Society of Hospital Pharmacists Research and Education Foundation; July 1986; (Principal investigator; Fellowship preceptor for Mary H. H. Chandler), \$18,000.
3. Influence of Rifampin on Age-Related Stereoselective Metabolism of Hexobarbital; UKMC; October 1987; (Principal investigator), \$6,178.
4. The Influence of Aging and Enzyme Induction with Rifampin on the Stereoselective Disposition of Hexobarbital; American Society of Hospital Pharmacists Research and Education Foundation; July 1988; (Principal investigator; Fellowship preceptor for Deborah A. Smith), \$18,000.
5. Terbutaline and the Effects of Age on Beta-2 Adrenoceptor Sensitivity; American Lung Association of Kentucky; March 1989; (Co-investigator), \$17,469.

6. The Effect of Endotoxin and Sepsis on Hepatic Drug Metabolism; American College of Clinical Pharmacy; July 1992; (Principal Investigator; Fellowship preceptor for Beth Israel); \$19,500.
7. The Effect of Head Trauma/Acute Phase Response on Brain and Liver Cytochrome P450 Enzymes (BB-9502-K3); February 1996-December 1999; (Principal Investigator); Kentucky Spinal Cord and Head Injury Research Board; \$231,897.
8. CYP2E1 Activity and Transcription Binding in Humans; American College of Clinical Pharmacy; July 1999-Dec 2000; (Principal Investigator, 10%), \$10,000 (Direct).

Government Grants:

1. Age and Cardiovascular Drug Stereoselective Disposition; NIA (R01 AG07478); July 1988-June 1991; (Co-investigator, 10% effort), \$420,612.
2. Enzyme Induction Defect: Implications for Toxicity; NIH (R01 GM42058); January 1990-December 1992; (Principal investigator, 25% effort); Total Award for Year 1 \$157,395.
3. Effects of Cytokines on Hepatic Drug Metabolism; VA Program Project Grant; October 1989-September 1992; (Co-investigator, 5% effort), \$237,400.
4. Research Training in Environmental Toxicology; NIHEH (ES07266); July 1990-June 1995; (Co-investigator, 5% effort), \$978,112.
5. Xenobiotic Transfer into Milk-Diffusional Model; NIH; December 1991-November 1995; (Co-investigator, 5% effort), Total Award for Year 1 \$184,745.
6. Effects of Cytokine on Hepatic Drug Metabolism; VA Program Project Grant; October 1992-September 1994; (Co-investigator, 5%), \$269,700.
7. Effects of Cytokines on Hepatic Drug Metabolism; VA Program Project Grant; October 1996-September 2000; (Co-investigator, 5% effort), \$304,400.
8. Mechanisms of Brain Injury and its Systemic Sequelae; NIH Program Project Grant 5PO1-NS31220; April 1994-March 1999; (Co-Investigator, 10%), \$3,750,000 (Total Project); Approx. \$110,000/yr (Altered Hepatic Metabolism following Head Injury).
9. Research Training in Environmental Toxicology; NIHEH (T32-ES07266); July 1995-June 2000; (Co-investigator, 5% effort), \$704,392.
10. North Carolina Translational & Clinical Sciences Institute (NCTRACS); NIH (1UL1TR001111-01); October 2013-September 2018; (Co-investigator, 5% effort; PI - Dr. Marschall Runge), \$5,650,505.