

EARLENE E. LIPOWSKI
CURRICULUM VITAE

University of Florida College of Pharmacy
Department of Pharmaceutical Outcomes & Policy
Gainesville, Florida 32611
(352) 273-6256

EDUCATION

1990	University of Wisconsin-Madison
1986	Doctor of Philosophy in Pharmacy
1972	Master of Science in Pharmacy
	Bachelor of Science in Pharmacy

HONORS AND AWARDS

2011	Citation of Merit University of Wisconsin-Madison
2006	Donald C. Brodie Academic Scholar in Residence, American Association of Colleges of Pharmacy (AACP)
2002	College of Pharmacy Doctoral Dissertation Advisor Mentoring Award
2000	Fellow, American Pharmaceutical Association
1997 - 1998	AACP/AAAS Congressional Fellow
1994	Phi Lambda Sigma
1989 - 1992	AFPE-NABP Academia Orientated Fellowship
1986 - 1988	Walgreen AFPE Fellow in Pharmacy Administration
1970, 1971	NSF Undergraduate Research Awards
1970	Rho Chi
1969	Phi Kappa Phi
1969	Phi Lambda Upsilon
1968	Sigma Epsilon Sigma

ACADEMIC APPOINTMENTS

2009 - 2014	Professor Pharmaceutical Outcomes & Policy, University of Florida
2008	Honorary Fellow, University of Wisconsin-Madison
2002	Visiting Faculty, Chiang Mai University, Thailand
1995 - 2009	Associate Professor Pharmacy Health Care Administration, University of Florida
1997 - 1998	AAAS Congressional Fellow US Senate Committee on Labor & Human Resources, Majority staff
1990 - 1995	Assistant Professor Pharmacy Health Care Administration, University of Florida
1990	Post-doctoral Researcher Center for Health Systems Research and Analysis Department of Industrial Engineering, UW-Madison
1990	Teaching Assistant, School of Pharmacy, UW-Madison
1986 - 1989	Research Assistant, School of Pharmacy, UW-Madison
1984 - 1986	Research Assistant Center for Health Systems Research and Analysis, UW-Madison
1983 - 1984	Teaching Assistant, School of Pharmacy, UW-Madison
1975 - 1976	Clinical Instructor, School of Pharmacy, UW-Madison

PROFESSIONAL LICENSURE

1972-2014 State of Wisconsin, R-8501
 1990-2014 State of Florida, PS 26267

PROFESSIONAL EXPERIENCE

1976 - 1988 Corporate Officer and Pharmacist
 DeForest Drugs, Inc., DeForest, WI
 1974 - 1983 Staff Pharmacist and Nursing Home Consultant
 Beaver Dam Community Hospitals, Beaver Dam, WI
 1973 - 1974 Pharmacist
 St. Ann's Health Care Center, Milwaukee, WI
 1972 - 1973 Intern and Staff Pharmacist
 St. Michael Hospital, Milwaukee, WI

PUBLICATIONS

- Hampp C, Asal NR, **Lipowski EE**, Kauf TL, Schneider EE, Kubilis PS, Winterstein AG. Validity of laboratory based surveillance to detect respiratory syncytial virus seasons. *Am J Epidemiol* 2103; 177:841-851 DOI: 10.1093/aje/kws304.
- Lester J, Nayarapally GA, **Lipowski E**, Graham CF, Hall M, Del Pan G. Evaluation of FDA Safety-Related Drug Label Changes in 2010. *Pharmacoepidemiol Drug Saf* 2013; 22:302-305 doi: 10.1002/pds.3395
- Lipowski E**, Wu B, Whalen K. Pharmacists' immunizations in Florida 2008-09. *Florida Pharmacy Today* 2010; 78(8):12-17.
- Lipowski EE**. Developing great research questions. *Am J Health-Syst Pharm* 2008; 65:1667-1670.
- Lipowski EE**. Practice-based research networks (PBRNs): Why, what, who, and how. *J Am Pharm Assoc* 2008; 48:142-152.
- Pinto S, **Lipowski E**, Segal R, Kimberlin C, Algina J. Physicians' intent to comply with American Medical Association guidelines on gifts from pharmaceutical industry. *J Med Ethics* 2007; 33:313-319
- Ballentine AJ, **Lipowski EE**. Judging a book by its cover: the predicament with Canadian pharmacy advertisements and American consumers. *J Am Pharm Assoc* 2005; 45(6):740-743.
- Young HN, **Lipowski EE**, Cline RJ. Using social cognitive theory to explain consumers' behavioral intentions in response to direct-to-consumer prescription drug advertising. *Res Social Admin Pharm* 2005; 1:270-288.
- Christensen DB, Fulda TR, Pugh MC, Smith DH, **Lipowski EE**, Jacobs EW, Kulhle JW, Crittenden RA. Evaluation of Drug Utilization Review Programs (letter). *JAMA* 2004; 291:185
- Maue SK, Segal R, Kimberlin C, **Lipowski E**. Predicting physician guideline compliance: an assessment of motivators and perceived barriers. *Am J Manag Care* 2004; 10:383-391.
- Nau DP, Garber MC, **Lipowski EE**, Stevenson J. Quality improvement for pharmacy services. Does implementation vary by hospital size? *Am J Health-Syst Pharm* 2004; 61:184-189.
- Lipowski EE**, Campbell DE, Brushwood DB, Wilson D. Time saving associated with dispensing unit-of-use packages. *J Am Pharm Assoc* 2002; 42:577-81
- Nau DP, Ried LD, **Lipowski EE**, Kimberlin C, Pendergast J. A perceived value model for explaining patients' intentions to continue use of pharmaceutical care services. *J Pharm Mark Manage* 2001; 14: 63-80.

- MacKinnon NJ, **Lipowski EE**. Opinions on provider profiling: telephone survey of stakeholders. *Am J Health-Syst Pharm* 2000; 57:1585-1591.
- Nau DP, Ried LD, **Lipowski EE**, Kimberlin C, Pendergast J, Spivey-Miller S. Patients' perceptions of the benefits of pharmaceutical care. *J Am Pharm Assoc* 2000; 40:36-40.
- Lipowski EE**. Introducing theories of patient-focused care in pharmaceutical education. *Am J Pharm Educ* 1997; 61:410-414.
- Nau DP, Ried LD, **Lipowski E**. What makes patients think that their pharmacists' services are of value? *J Am Pharm Assoc* 1997; NS37:91-98.
- Lipowski EE**. Evaluating the outcomes of pharmaceutical care. *J Am Pharm Assoc* 1996; NS36:726-735.
- Lipowski EE**, Bigelow W. Data linkages for research on outcomes of long term care. *The Gerontologist* 1996; 36:441-47.
- Odedina FT, Segal R, Hepler CD, **Lipowski EE**, Kimberlin C. Changing pharmacists' practice patterns: pharmacists' implementation of pharmaceutical care factors. *J Soc Adm Pharm* 1996; 13:74-88.
- Lipowski EE**, Collins TM. The status of Medicaid DUR programs 1993. Washington, DC: American Pharmaceutical Association Educational Foundation, 1995.
- Zimmerman DR, Collins TM, **Lipowski EE**, Sainfort F. Evaluation of a DUR intervention: a case study of histamine antagonists. *Inquiry* 1994; 31: 89-101.
- Lipowski EE**. How Consumers Choose a Pharmacy. *Am Pharm* 1993; NS33:S14-S17.
- Brown CM, **Lipowski EE**. Pharmacists' reactions to the Wisconsin Medicaid DUR program. *Am J Hosp Pharm* 1993; 50:1898-1902.
- Lipowski EE**, Becker MA. Presentation of drug prescribing guidelines and physician response. *QRB Qual Rev Bull* 1992; 18:461-470.
- Lipowski EE**. Comments on cognitive services. *Florida Pharmacy Today* 1992; 56:6-11.
- Lipowski EE**. Predictors of community pharmacy preference: a logistic regression analysis of consumers' socioeconomic and shopping characteristics. *J Pharm Mark Manage* 1991; 6:43-62.
- Lipowski EE**, Bauwens SF, Collins TM. An examination of histamine-2 receptor antagonist use by Medicaid recipients in Wisconsin long term care facilities. *J Am Geriatri Soc* 1988; 36:531-536.
- Lipowski EE**, Wiederholt JB. Developing a measure of retail pharmacy image. *J Pharm Mark Manage* 1987; 1: 149-157. Reprinted as The many facets of pharmacy image building in *Marketing Pharmaceutical Services: Patron Loyalty, Satisfaction and Preferences*, Smith HA, Coons SJ, Eds., Binghamton, NY: The Haworth Press, 1992., pp. 11-20.
- Lipowski EE**, Wiederholt JB, Kreling DH, Collins TM. Use of a Medicaid database to analyze pharmaceutical services in long-term-care facilities. *Am J Hosp Pharm* 1986; 43:1467-1472.

BOOK CHAPTERS

- Lipowski EE**. The structure and dynamics of the pharmaceutical industry. In *Handbook of Pharmaceutical Public Policy*. Fulda TR, Wertheimer AI, Lyles A, Eds. Burlington, MA: Jones & Bartlett Learning, 2015.
- Lipowski EE**. Introduction to Medicare, Medicaid and Medication Therapy Management in Medication Therapy Management: A Pharmacotherapy and Medication System Primer. Angaran D, Whalen K, Eds. New York: McGraw-Hill, 2014.
- Szeinbach SL, **Lipowski EE**. Drug distribution, in *Pharmacy and the U.S. Health Care System, Fourth Edition*. Smith MI, Wertheimer AI, Fincham JE, Eds. London: Informa Healthcare, 2013.
- Lipowski EE**, Long M. Government involvement in health care, in *Introduction to Health Care Delivery: A Primer for Pharmacists*, Fifth Edition. McCarthy R, Schafermeyer K, Plake K, Eds. Sudbury MA: Jones and Bartlett Learning, 2011: 401-422.

- Lipowski EE**, McKercher PL. The structure and dynamics of the pharmaceutical industry. In *Handbook of Pharmaceutical Public Policy*. Fulda TR, Wertheimer AI, Eds. Binghamton, NY: Haworth Press, Inc., 2007: 327-350.
- Boyle CJ, **Lipowski EE**. Committing to grassroots advocacy, in *Leadership and Advocacy*, Beardsley B, Boyle C, Holdford D, Eds. Washington, DC: American Pharmacists Association, 2007:125-142.
- Lipowski EE**. Patient expectations and satisfaction with the medication use system, in *Safe and Effective*. MacKinnon N, Ed. Ottawa, Ontario, Canada: Canadian Pharmacists Association, 2007: 125-145.
- Lipowski EE**. Government involvement in health care, in *Introduction to Health Care Delivery: A Primer for Pharmacists, Fourth Edition*. McCarthy R, Schafermeyer K, Eds. Sudbury MA: Jones and Bartlett Publishers, 2007: 399-426.
- Szeinbach SL, **Lipowski EE**. Drug distribution, in *Pharmacy and the U.S. Health Care System, Third Edition*. Smith MI, Wertheimer AI, Fincham JE, Eds. Binghamton, NY: Haworth Press, Inc., 2005: 235-252.
- Lipowski EE**. Government involvement in health care, in *Introduction to Health Care Delivery: A Primer for Pharmacists, Third Edition*. McCarthy R, Schafermeyer K, Eds. Sudbury, MA: Jones and Bartlett Publishers, 2004: 445-480.

NON-REFEREED PUBLICATIONS

- Lipowski EE**. Why is advocacy important for scientists and journalists. *Journal of the American Pharmacists Association* 2013. doi: 10.1331/JAPhA.2013.13515
- Lipowski EE**. Advancing pharmacy practice through policies: development, debate and consensus in the APhA House of Delegates. *Journal of the American Pharmacists Association* 2011; 51(4):462-5.
- Ried LD, **Lipowski EE**. Advancing current practice, preserving pharmacy integrity for the future. *Journal of the American Pharmacists Association* 2008; (4):451-452.
- Lipowski EE**. Comparing the effectiveness of drug treatments. *Drug Topics* 2008; 152(14 Jan):18.
- Lipowski EE**. Beneficiary participation in MTM services. *Drug Topics* 2007; 151(10 Dec):16.
- Lipowski EE**. Medicare Part D and consumer purchase decisions. *Drug Topics* 2007; 151(17 Sept):52.
- Lipowski EE**. Access to community pharmacies under Part D. *Drug Topics* 2007; 151(3 Sept):16.
- Lipowski EE**. Formulary changes and transition policies. *Drug Topics* 2007; 151(23 Jul):47.
- Lipowski EE**. Plans gear up for bidding for 2008. *Drug Topics* 2007; 151(7 May):32.
- Lipowski EE**. Who's for and against negotiated prices? *Drug Topics* 2007; 151(2 Apr):20.
- Lipowski EE**. Pharmacists seek greater role in MTM. *Drug Topics* 2007; 151(5 Mar):26.
- Lipowski EE**. Feds push worth of ounce of prevention. *Drug Topics* 2007; 151(5 Feb):34.
- Lipowski EE**. Impact of Part D on manufacturers. *Drug Topics* 2007; 151(8 Jan):30.
- Lipowski EE**. Pharmacists prepare for plan shifts. *Drug Topics* 2006; 150(11 Dec):49.
- Lipowski EE**. Changes and decisions facing Beneficiaries. *Drug Topics* 2006; 150(6 Nov):23.
- Lipowski EE**. Part D plans for 2007. *Drug Topics* 2006; 150(9 Oct):24.
- Lipowski EE**. Recapping Part D enrollment results. *Drug Topics* 2006; 150(4 Sep):37.
- Lipowski EE**. Medicare Part D for Patients with Special Needs. *Drug Topics* 2006; 150(7 Aug):18.
- Lipowski EE**. Part D's impact on PAPs. *Drug Topics* 2006; 150(10 Jul):22.
- Lipowski EE**. Consumer protection under Part D. *Drug Topics* 2006; 150(5 Jun):17.
- Lipowski EE**. The learning curve under Part D. *Drug Topics* 2006; 150(8 May):17.
- Lipowski EE**. Knowing your Medicare ABC&Ds. *Drug Topics* 2006; 150(3 Apr):17.
- Lipowski EE**. Tracking the TrOOPs. *Drug Topics* 2006; 150(6 Mar):22.
- Lipowski EE**. A look at Medicare Advantage plans. *Drug Topics* 2006; 150(6 Feb):17.
- Lipowski EE**. e-Prescribing and the MMA. *Drug Topics* 2006; 150(9 Jan):19.
- Lipowski EE**. MTM: adoption still pending. *Drug Topics* 2005; 149(12 Dec):36.

- Lipowski EE.** Formularies under Medicare Part D. *Drug Topics* 2005;149(7 Nov):28.
- Lipowski EE.** Advising persons about Part D Medicare. *Drug Topics* 2005;149(10 Oct):32.
- Lipowski EE.** Who's eligible for financial assistance under Medicare Part D? *Drug Topics* 2005; 149(12 Sep):18.
- Lipowski EE.** Joining a PDP network. *Drug Topics* 2005;149(22 Aug):22.
- Lipowski EE.** Countdown to MMA: timeline to implementation. *Drug Topics* 2005; 149(11Jul) 21.
- Lipowski EE.** Academies bring forth a unified voice during house proceedings. *Journal of the American Pharmacists Association* 2005; 45:533-534.
- Lipowski EE.** Strengthening the bridge between science and practice. *Journal of the American Pharmacists Association* 2005; 45:317-320.
- Lipowski EE.** Lobbying can lead to acknowledgment as health care providers. *Journal of the American Pharmacists Association* 2004; 44:6.
- Lipowski EE.** Seeking the science angle in APhA policies. *Journal of the American Pharmaceutical Association* 2003; 43:454-455.
- Lipowski EE** Responsibility and accountability. *Journal of the American Pharmaceutical Association* 1999; 39:727-728.
- Lipowski EE.** Marketing pharmaceutical care: lecture and case study. In *Pharmaceutical Care and Practice*. CD Hepler, ed. Proceedings of the Section of Community Pharmacists, World Congress of Pharmaceutical Sciences, International Pharmaceutical Federation, 1996.
- Lipowski EE.** Too many H2 antagonists. *The Consultant Pharmacist* 1990; 5:274, 276.
- Lipowski EE.** Consultant pharmacists: the market for services in Wisconsin nursing homes. *The Wisconsin Pharmacist* 1988; 57:12-14.
- Lipowski EE, Collins TM.** The Wisconsin Medicaid DUR project. *The Wisconsin Pharmacist* 1988; 57: 21,27,30.

NON-PUBLISHED TECHNICAL REPORTS

- Lipowski E.** Final Evaluation Report on the MEDS-AD Project, 2006-2010. Report to Florida Agency for Health Care Administration and Centers for Medicare and Medicaid, 1 November 2012.
- Hampp C, Asal N, Kauf T, **Lipowski E**, Schneider E, Winterstein A. Utility of Current Surveillance Systems to Detect Respiratory Syncytial Virus Seasons and Implications for Immunoprophylaxis. Florida Medicaid Program, Report to Florida Agency for Health Care Administration, June 2009.
- Carter BL, Blouin RA, Chewning BA, Goode JV, **Lipowski EE**, Nelson AA, Schumock GT, Sleath BL, Miller KW. Report of the AACP Educating Clinical Scientist Task Force II, American Association of Colleges of Pharmacy, July 2008.
- Lipowski EE, Hardy J, Rawls JB.** Recommendations for Education and Communication to State Medicaid Programs, Pharmacy Quality Alliance, October 2007.
- Lipowski EE.** Conference Proceedings: Embracing the PBRN Model to Improve the Medication Use Process. Charlotte, NC, 22-24 February 2007. American Association of Colleges of Pharmacy.
- Sagraves R, **Lipowski E.** Joint Committee on Advocacy and Outreach: Final Report, Co-chairs. American Association of Colleges of Pharmacy, July 2005.
- Lipowski E, Hsu C.** Clinical Trials Registry. Background Paper for House of Delegates, American Pharmacists Association, January 2005.
- Lipowski E, Segal R.** An Evaluation of Enhancements in Electronic Technology for Prescribers in the Florida Medicaid Program, Report to Florida Agency for Health Care Administration, December 2004.
- Lipowski E, Segal R.** The Identification and Treatment of Medicaid Recipients with Hepatitis C. Report to Florida Agency for Health Care Administration, October 2004.

Lipowski E. The Use of COX-2 Inhibitors Versus Traditional Non-selective NSAID Therapies on the Florida Medicaid Program, Report to Florida Agency for Health Care Administration, Jan 2004.
 Zimmerman DR, Collins TM, **Lipowski EE**, Kreling DH, Wiederholt JB. Guidelines for Estimating the Impact of Medicaid DUR. Health Care Financing Administration, Contract Number 500-93-0032, 1994.

PUBLISHED ABSTRACTS

- Wilson D, **Lipowski EE**. Measuring safety culture in pharmacy settings: instrument validation. *Journal of the American Pharmacists Association* 2008; 47:279.
- Lipowski EE**, Trespalacios C. Drug interaction information dispensed with prescription drugs *Journal of the American Pharmacists Association* 2006; 46:265-266.
- Pinto S, Lipowski E, Segal R, Kimberlin C, Algina J. The American Medical Association's guidelines on gifts to physicians: an assessment of intent to comply. *Journal of the American Pharmacists Association* 2005; 45:280.
- Ballentine A, Lipowski E. Judging a book by its cover: the predicament with Canadian pharmacy advertisements and American consumers. *Journal of the American Pharmacists Association* 2004; 44:287.
- Chowwanapoonpohn H, Awiphan R, **Lipowski EE**. Over-the-counter advertisements in Thailand setting: analysis and evaluation of information content. *Journal of the American Pharmaceutical Association* 2003; 43:304-5.
- Lipowski E, McMillan Jr.C. An initial assessment of the four-brand limits on prescription drug coverage under the Florida Medicaid program. *Journal of the American Pharmaceutical Association* 2002 42:326.
- Wilson D, Lipowski E. Discourse analysis of drug advertisements directed at patients, pharmacists and physicians. *Journal of the American Pharmaceutical Association* 2002 42:330
- Yaldo A, Segal R, Kimberlin C, Lipowski E, Cline R. Impact of patient persuasion on physician antibiotic prescribing for viral infections. *Journal of the American Pharmaceutical Association* 2002 42:311.
- Awiphan R, **Lipowski EE**. Inference making in over-the-counter medication brand extensions. *Journal of the American Pharmaceutical Association* 2001; 41:311.
- Brice B, **Lipowski EE**. Understanding customer expectations: a grounded theory study. *Journal of the American Pharmaceutical Association* 2001; 41:313.
- Brushwood D, Lipowski E, Wilson D, Campbell D. Regulatory authority for unit-of-use dispensing. *Journal of the American Pharmaceutical Association* 2001; 41:332, 2001.
- Young H, Cline R, Lipowski E. "Look, George, there's another one": the prevalence of direct-to-consumer advertising and implications for consumers. *Journal of the American Pharmaceutical Association* 2001; 41:331.
- Lipowski E, Campbell D, Brushwood D, Wilson D. Dispensing efficiency using unit-of-use packaging. *Journal of the American Pharmaceutical Association* 2001; 41:322.
- Awiphan R, **Lipowski EE**. Consequences of brand extensions in over-the-counter medications. *Journal of the American Pharmaceutical Association* 1999; 39:261.
- Brice BF, **Lipowski EE**. A qualitative study of customer expectations of community pharmacy services. *Journal of the American Pharmaceutical Association* 1999; 39:262.
- Awiphan R, Lipowski E. A comparison of software programs used in community and hospital outpatient pharmacies in detecting drug interactions. *Journal of the American Pharmaceutical Association* 1998; 38:267.
- Lipowski EE**. Evaluating DUE/DUR to identify cost efficient strategies. *International Pharmaceutical Abstracts* 1995; 32:802.

PRESENTATIONSRefereed

- Zhang J, Chorba L, Shah R, Lipowski E, Lemak C, Duncan RP. Development of an over-the-counter therapeutic classification metric for analysis of Florida Medicaid enhanced benefits reward\$ usage patterns (poster). AcademyHealth Annual Research Meeting. Boston, MA: 27 Jun 2010.
- Wilson DL, **Lipowski EE**. Measuring safety culture in pharmacy settings : instrument validation (poster). Annual Meeting of the American Pharmacists Association, San Diego: 14 Mar 2008.
- Hsu CN, Kauf T, **Lipowski E**. Ppatterns of antiviral therapy use among chronic hepatitis C patients enrolled in Medicaid. International Society of Pharmacoeconomics and Outcomes Research. Arlington, VA: 22 May 2007.
- Hsu CN, Kauf T, **Lipowski E**. Initiation of antiviral therapy among chronic hepatitis C patients enrolled in Medicaid. International Society of Pharmacoeconomics and Outcomes Research. Arlington, VA: 22 May 2007.
- Lipowski EE**, Trespalacios C. Drug interaction information dispensed with prescription drugs (poster). Annual Meeting of the American Pharmacists Association, San Francisco: 18 Mar 2006.
- Kanjanarat P, Winterstein AG, **Lipowski E**, Hartzema AG. Validation of Thai community hospital databases for health policy evaluations on hospital drug utilization (poster). International Conference on Pharmacoepidemiology and Therapeutic Risk Management. Nashville, TH: 28 Aug 2005.
- Winterstein AG, **Lipowski EE**, Martindale R. Evidence-based quality improvement (poster). American Association of Colleges of Pharmacy. Cincinnati, OH: 12 Jul 2005.
- Ballentine A, **Lipowski E**, Simon F, Veloso C. Psychometric scales to assess entrepreneurial interests of pharmacists and student pharmacists (poster). American Association of Colleges of Pharmacy. Cincinnati, OH: 11 Jul 2005.
- Pinto S, **Lipowski E**, Segal R, Kimberlin C, Algina J. The other side of the PhRMA code: an assessment of physicians' intent to comply with AMA's ethical guidelines. Drug Information Association, Washington, DC: 27 June 2005.
- Pinto S, **Lipowski E**, Segal R, Kimberlin C, Algina J. The American Medical Association's guidelines on gifts to physicians: an assessment of intent to comply (poster). Annual Meeting of the American Pharmacists Association, Orlando: 2 Apr 2005.
- Ballentine A, **Lipowski E**. Judging a book by its cover: the predicament with Canadian pharmacy advertisements and American consumers (poster). Annual Meeting of the American Pharmacists Association, Seattle: 27 Mar 2004.
- Chowwanapoonpohn H, Awiphan R, **Lipowski EE**. Over-the-counter advertisements in Thailand setting: analysis and evaluation of information content (poster). Annual Meeting of the American Pharmaceutical Association, New Orleans: 27 Mar 2003.
- Lipowski EE**. Effective and Efficient DUR. Annual Meeting of the American Managed Care Pharmacists. Salt Lake City: 4 Apr 2002.
- Lipowski E**, McMillan Jr. C. An initial assessment of the four-brand limit on prescription drug coverage under the Florida Medicaid program (poster). Annual Meeting of the American Pharmaceutical Association, Philadelphia: 17 Mar 2002.
- Wilson D, **Lipowski E**. Discourse analysis of drug advertisements directed at patients, pharmacists and physicians (poster). Annual Meeting of the American Pharmaceutical Association, Philadelphia: 17 Mar 2002.
- Yaldo A, Segal R, Kimberlin C, **Lipowski E**, Cline R. Impact of patient persuasion on physician antibiotic prescribing for viral infections (first prize poster). Annual Meeting of the American Pharmaceutical Association, Philadelphia: 17 Mar 2002.

- Brice BB, **Lipowski EE**. Patient provider "interceding": implications for quality (poster). Annual Meeting of the Academy for Health Services Research and Health Policy, Atlanta: 10 Jun 2001.
- Awiphan R, **Lipowski EE**. Inference making in over-the-counter medication brand extensions. Annual Meeting of the American Pharmaceutical Association, San Francisco, CA: 19 Mar 2001.
- Brice B, **Lipowski EE**. Understanding customer expectations: a grounded theory study. Annual Meeting of the American Pharmaceutical Association, San Francisco, CA: 17 Mar 2001.
- Brushwood D, **Lipowski E**, Wilson D, Campbell D. Regulatory authority for unit-of-use dispensing. Annual Meeting of the American Society for Pharmacy Law, San Francisco, CA: 17 Mar 2001.
- Young H, Cline R, **Lipowski E**. "Look, George, there's another one": the prevalence of direct-to-consumer advertising and implications for consumers (poster). Annual Meeting of the American Pharmaceutical Association, San Francisco, CA: 18-19 Mar 2001.
- Lipowski E**, Campbell D, Brushwood D, Wilson D. Dispensing efficiency using unit-of-use packaging (poster). Annual Meeting of the American Pharmaceutical Association, San Francisco, CA: 18-19 Mar 2001.
- Awiphan R, **Lipowski EE**. Consequences of brand extensions in over-the-counter medications (poster). Annual Meeting of the American Pharmaceutical Association, San Antonio, TX: 7 Mar 1999.
- Brice BF, **Lipowski EE**. A qualitative study of customer expectations of community pharmacy services (poster). Annual Meeting of the American Pharmaceutical Association, San Antonio, TX: 7 Mar 1999.
- Awiphan R, **Lipowski E**. A comparison of software programs used in community and hospital outpatient pharmacies in detecting drug interactions (poster). Annual Meeting of the American Pharmaceutical Association, Miami Beach, FL: 23 Mar 1998.
- Lipowski EE**, Kimberlin CL. An evaluation of touch screen technology to provide patient information about prescription medication (poster). Association for Health Services Research, Chicago, IL: 16 Jun 1997.
- Lipowski EE**. Patient satisfaction and perceived quality of pharmaceutical care (poster). American Association of Colleges of Pharmacy, Philadelphia, PA: 11 Jul 1995.
- Lipowski EE**. Satisfaction with pharmaceutical care when the patient is a child (poster). Annual Meeting of the American Pharmaceutical Association, Orlando, FL; 18-22 Mar 1995.
- Nau D, **Lipowski EE**. The status of pharmaceutical care and patient satisfaction among asthmatics in Florida (poster). Annual Meeting of the American Pharmaceutical Association, Orlando, FL; 18-22 Mar 1995.
- Lipowski EE**, Badejogbin F. Patient satisfaction with pharmaceutical services (poster). Annual Meeting of the American Pharmaceutical Association, Seattle, WA: 19-22 Mar 1994.
- Lipowski EE**, Wiederholt JB. Factors affecting the pharmacy choice process. Annual Meeting of the American Pharmaceutical Association, Dallas, TX: 21 Mar 1993.
- Zimmerman DR, **Lipowski EE**, Collins TM, Sainfort F. Evaluation of a DUR intervention: a case study of histamine antagonists. Annual Meeting of the Association for Health Services Research, Chicago, IL: 9 Jun 1992.
- Lipowski EE**, Becker MA. Physician response to a Medicaid DUR program. Annual Meeting of the American Pharmaceutical Association, San Diego, CA: 15 Mar 1992.
- Brown CM, **Lipowski EE**. Pharmacists' reactions to a Medicaid DUR program. Annual Meeting of the American Pharmaceutical Association, San Diego, CA: 15 Mar 1992.
- Lipowski EE**, Wiederholt JB. Pharmacists' perceptions of the health care environment in the communities in which they live. Annual Meeting of the American Pharmaceutical Association, New Orleans, LA: 9 Mar 1991.

- Lipowski EE.** Predictors of community pharmacy preference: a logistic regression analysis of consumers' socioeconomic and shopping characteristics. Annual Meeting of the American Pharmaceutical Association, Anaheim, CA: 8 Apr 1989.
- Lipowski EE,** Bigelow WE. Evaluating the research potential of linking Medicaid and nursing home case mix data. 4th International Conference on Pharmacoepidemiology, Minneapolis, MN: 8 Sep 1988.
- Lipowski EE.** The use of H2 antagonists in Wisconsin nursing homes: an illustration of recent developments in a Medicaid drug use review program (poster). Third International Conference on Pharmacoepidemiology, Minneapolis, MN: 9 Sep 1987.
- Collins TM, **Lipowski EE,** Collins M. The Wisconsin nursing home drug utilization review project (poster). Annual Meeting of the Wisconsin Society of Hospital Pharmacists, Oconomowoc, WI: 3 May 1986
- Lipowski EE,** Wiederholt JB. The development of a measure of retail pharmacy image. Annual Meeting of the American Pharmaceutical Association, San Francisco, CA: 18 Mar 1986.

Invited Workshops

- Lipowski EE.** Scientific Writing: Manuscripts for International Publication. Pharmacy Educational Consortium of Thailand. Chiang Mai, Thailand: 5-7 Sept 2007.
- Lipowski EE.** Grant-Writing Workshop. Chiang Mai University. Chiang Mai, Thailand: 6-8 Jan 2007.

Invited Presentations

- Lipowski EE.** Summary of Activities of US-Thai Consortium. US-Thai Consortium for the Advancement of Pharmacy Education. Baltimore: 29 May 2014.
- Lipowski EE.** Is that your final question? Selecting and refining great research questions. Postgraduate Forum, Annual Meeting of the American Pharmacists Association, Los Angeles: 4 March 2013.
- Lipowski EE.** Teaching Patient Counseling, Ubon Ratchathani University, Thailand. 28 May 2012.
- Burke S, Hoenstine A, **Lipowski EE.** US Healthcare System, Ubon Ratchathani University, Thailand. 29 May 2012.
- Trang J, Sanz DA, **Lipowski EE.** Pharmacy Curriculum & Teaching Technologies, Ubon Ratchathani University, Thailand. 30 May 2012.
- Lipowski EE.** "The Polypill" Journal Club, Ubon Ratchathani University, Thailand. 31 May 2012.
- Lipowski EE.** Pharmacy Education in the US and Thailand, Mahidol University, Bangkok, Thailand. 7 June 2012.
- Lipowski, EE.** Pharmaceutical Research, Graduate Education and Scholarly Activity. US-Thai Consortium for the Development of Pharmacy Education in Thailand. 3 June 2011
- Lipowski EE,** Walter EA, Whalen K. Immunizing Activities of Florida Pharmacists, 2009-1020 (poster). US Thai Consortium for the Development of Pharmacy Education in Thailand, Phuket Thailand: 1-3 June, 2011
- Lipowski EE.** Health Reform In US. Chaing Mai University, Thailand 31 May 2011.
- Lipowski EE.** Graduate Studies and Translational Research at UF, Chiang Mai University, Thailand 30 May 2011.
- Lipowski EE.** Development of MS Program in SAS Pharmacy, Ubon Ratchathani University, Thailand 27-28 May 2011.
- Lipowski EE.** Practice-Based Research Networks to Facilitate Conducting Research in Practice. Conference on Enhancing the Rigor and Utility of Medication Use Research. Rockville, MD: 15 Jan 2009.
- Lipowski EE.** Measuring Pharmacy Safety Culture. Dept. of Social and Administrative Sciences, School of Pharmacy, University of Wisconsin-Madison, Jul 2008.

- Lipowski EE.** Opportunities for Collaborative Research. U.S. Thai Educational Consortium, Madison, WI: 17 Jul 2008.
- Lipowski EE.** Emerging Clinical Evidence & Practical Implications: Translating Evidence into Practice. Self-Care Institute, American Pharmacists Association, Chicago: 21 Jun 2008.
- Lipowski EE, Rickles NM, Raebel MA, Zgarrick DP.** Colleagues in Research: Power in Numbers or How to Build Interdisciplinary Relationships to Advance Pharmacy Practice. Annual Meeting of the American Pharmacists Association, San Diego: 15 Mar 2008
- Lipowski EE.** Integrating Science into Practice. Career Development: Sabbaticals. Annual Meeting of the American Pharmacists Association, San Diego: 15 Mar 2008.
- Lipowski EE.** Structure and Financing of the U.S Health Care System. Chiang Mai University, Chiang Mai, Thailand: 8 Sep 2007.
- Lipowski EE, Johnson P, Angaran D.** Practice-Based Research Networks: Creating Measurable and Lasting Improvements. Annual Meeting of the Florida Society Health-System Pharmacists. Orlando, FL: 4 Aug 2007.
- Lipowski EE.** Research ON Practice and Research IN Practice. Southern Pharmacy Administration Conference. Little Rock, AK: 16 June 2007.
- Lipowski EE.** Developing a New Course. Florida Pharmacy Residents Seminar on Teaching. University of Florida, 5 Feb 2007.
- Lipowski EE.** US and Thai Research Collaboration: A Case Study. US-Thai Consortium & Meeting. Bangkok, Thailand: 9 Jan 2007.
- Lipowski EE.** Developing a New Course. Florida Pharmacy Residents Seminar on Teaching. University of Florida, 9 Jan 2006.
- Lipowski EE.** Contingency Models as a Framework for Health Care Decisions. Agency for Healthcare Research and Quality. Gaithersburg, MD: 1 Jun 2005.
- Lipowski EE.** A Case for Medication Therapy Management Services for Persons with Hepatitis C. Fourth Annual Medicaid Research Conference. Tallahassee, FL: 11 Mar 2005.
- Lipowski EE.** ePrescribing-Turn It On! University of Michigan, Ann Arbor: 24 Feb 2005.
- Lipowski EE.** Containing Costs through Monitoring for Outcomes. Florida Retail Federation Seminar. University of Florida, College of Business. Gainesville, FL: 10 Feb 2005
- Lipowski EE.** Diagnosis and Treatment of Hepatitis C Among Florida Medicaid Clients. Viral Hepatitis Council, Florida Department of Health. Tampa, FL: 13 Oct 2004.
- Lipowski EE.** Unit of Use Packaging and its Potential Role in the Pharmaceutical Distribution Chain. Healthcare Compliance Packaging Council 12th Annual National Symposium on Patient Compliance. Philadelphia, PA: 4 May 2004.
- Lipowski EE.** Roundtable Discussion: Policy Development and Its Role in the Pharmacy Curriculum and Application of SAS Research to Policy Development. Annual Meeting of American Association of Colleges of Pharmacy. Minneapolis, MN: 22 Jul 2003.
- Lipowski EE.** U.S. Pharmaceutical Industry and Issues in Global Marketing. Rangsit University, Rangsit, Thailand: 17 Sep 2002.
- Lipowski EE.** Writing an Effective Grant Proposal. Prince of Songkla University, Hat Yai, Thailand: 6 Sep 2002.
- Lipowski EE.** The Outcomes of Pharmaceutical Care. Prince of Songkla University, Hat Yai, Thailand: 4 Sep 2002.
- Lipowski EE.** Writing an Effective Grant Proposal. Chulalongkorn University, Bangkok, Thailand: 29 Aug 2002.
- Lipowski EE.** The Outcomes of Pharmaceutical Care. Chulalongkorn University, Bangkok, Thailand: 28 Aug 2002.

- Lipowski EE.** U.S. Health Care and Prescription Benefit Schemes. Mahasarakan University, Mahasarakan, Thailand: 21 Aug 2002
- Lipowski EE.** Writing an Effective Grant Proposal. Mahasarakan University, Mahasarakan, Thailand: 20 Aug 2002.
- Lipowski EE.** U.S. Health Care and Prescription Benefit Schemes. Ubon Ratchathani University, Ubon Ratchathani, 18 Aug 2002.
- Lipowski EE.** The Outcomes of Pharmaceutical Care. Ubon Ratchathani University, Ubon Ratchathani, Thailand: 16 Aug 2002
- Lipowski EE.** Implementing Pharmaceutical Care. Ubon Ratchathani University, Ubon Ratchathani, Thailand: 15 Aug 2002.
- Lipowski EE.** Patient Perceptions of Pharmaceutical Care. Khon Kaen University, Khon Kaen, Thailand: 9 Aug 2002
- Lipowski EE.** Patient Perceptions of Pharmaceutical Care. Khon Kaen University, Khon Kaen, Thailand: 8 Aug 2002.
- Lipowski EE.** Implementing Pharmaceutical Care. Khon Kaen University, Khon Kaen, Thailand: 8 Aug 2002.
- Lipowski EE.** The Outcomes of Pharmaceutical Care. Kohn Kaen University, Kohn Kaen, Thailand: 7 Aug 2002.
- Lipowski EE.** Marketing Health Care Services to Consumers. Khon Kaen University, Khon Kaen, Thailand: 6 Aug 2002.
- Lipowski EE.** Writing an Effective Grant Proposal. Chiang Mai University, Chiang Mai, Thailand: 25 Jul 2002.
- Lipowski EE.** U.S. Health Care and Prescription Benefit Schemes. Chiang Mai University, Chiang Mai, Thailand: 23 Jul 2002.
- Lipowski EE.** Medication Errors. Chiang Mai University, Chiang Mai, Thailand: 22 Jul 2002.
- Lipowski EE.** U.S. Health Care and Prescription Benefit Schemes. Chiang Mai University, Chiang Mai, Thailand: 19 Jul 2002.
- Lipowski EE.** Writing an Effective Grant Proposal. Chiang Mai University, Chiang Mai, Thailand: 18 Jul 2002.
- Lipowski EE.** U.S. Health Care and Prescription Benefit Schemes. Chiang Mai University, Chiang Mai, Thailand: 17 Jul 2002.
- Lipowski EE.** Innovations in Pharmaceutical Education in the U.S. U.S.-Thai Consortium. Chiang Mai University, Chiang Mai, Thailand: 16 Jul 2002.
- Lipowski EE.** U.S. Health Care and Prescription Benefit Schemes. Naresuan University, Phitsanolk, Thailand: 10 Jul 2002.
- Lipowski EE.** Writing an Effective Grant Proposal. Naresuan University, Phitsanolk, Thailand: 10 Jul 2002.
- Lipowski EE.** The Outcomes of Pharmaceutical Care. Naresuan University, Phitsanolk, Thailand: 9 Jul 2002.
- Lipowski EE.** Writing an Effective Grant Proposal. Silpakorn University, Nakohn Pathom, Thailand: 4 July 2002.
- Lipowski EE.** Writing an Effective Grant Proposal. Silpakorn University, Nakohn Pathom, Thailand: 28 Jun 2002.
- Lipowski EE.** Medication Errors. Silpakorn University, Nakohn Pathom, Thailand: 27 Jun 2002.
- Lipowski EE.** U.S. Health Care and Prescription Benefit Schemes. Silpakorn University, Nakohn Pathom, Thailand: 27 Jun 2002.
- Lipowski EE.** Innovations in Pharmaceutical Education in the U.S. US-Thai Consortium. Bangkok, Thailand: 24 Jun 2002.

- Lipowski EE.** U.S. Health Care and Prescription Benefit Schemes. Chulalongkorn University, Bangkok, Thailand: 19 Jun 2002.
- Lipowski EE.** Writing an Effective Grant Proposal. Chulalongkorn University, Bangkok, Thailand: 19 Jun 2002.
- Lipowski E.** Pharmacy Patient Satisfaction: Past Present and Future. Annual Meeting of the American Pharmaceutical Association, Philadelphia: 18 Mar 2002.
- Lipowski EE.** Reviewing the Evidence from Studies. Unit of Use: Pros and Cons for Community Pharmacy. NACDS/NCPA Seminar, Washington, DC: 9 May 2001.
- Lipowski EE.** Prescription Drug Benefits for the Elderly. North Central Florida Health Planning Council, Inc., Gainesville, FL: 1 May 2000.
- Lipowski EE.** Patient as a Team Player. Health Care Issues Day, Gainesville, FL: 5 April 2000.
- Lipowski EE.** Sabbatical as an Opportunity for Faculty Development. AACP Interim Meeting, Washington, DC: 1 March 1999.
- Lipowski EE.** Identification and Design of Policy Relevant Research. University of Wisconsin-Madison: 13 Nov 1998.
- Lipowski EE.** Top Policy Issues for Pharmacy 1998-99. American Society of Health System Pharmacists, Washington, DC: 27 Jul 1998.
- Lipowski EE.** Congressional Fellowship as a Faculty Development Opportunity. Annual Meeting of the American Association of Colleges of Pharmacy, Aspen, CO: 20 Jul 1998.
- Lipowski EE.** The Diffusion of Research to Congress. Keynote presentation, Southern Pharmacy Administration Conference, Morgantown, WV: 6 Jun 1998.
- Lipowski EE.** From Research to Public Policy. Graduate Seminar, College of Pharmacy, University of West Virginia, Morgantown, WV: 16 Apr 1998.
- Lipowski EE.** Marketing Pharmaceutical Care. International Pharmaceutical Federation, Jerusalem: 6 September 1996.
- Lipowski EE.** Assuring Quality in the Delivery of Care. Institute for Teachers of Pharmacy Law, National Association of Boards of Pharmacy, Reno, NV: 12 Jul 1996.
- Lipowski EE.** Preparing for Managed Care. American Drug Utilization Review Symposium, New Orleans, LA: 2 Mar 1996.
- Lipowski EE.** Pharmacoeconomics. The Science of Clinical Research Seminar Series, Clinical Research Center, Shands Teaching Hospital: 12 Oct 95.
- Wiederholt JB, Chewning B, Schommer JC, Mott, D **Lipowski EE.** Pharmaceutical Care: The Lost Patient. American Association of Colleges of Pharmacy, Philadelphia, PA: 9 Jul 1995.
- Angaran D, Haeden-Graeting S, Collins TM, **Lipowski EE.** From DUE to Performance Indicators. American Society of Health-System Pharmacists Annual Meeting, Philadelphia, PA: 6 Jun 1995.
- Lipowski EE.** Patient Perceptions of Pharmaceutical Care. School of Pharmacy, University of Washington, Seattle. WA: 14 Apr 1995.
- Lipowski EE.** Satisfaction with Pharmaceutical Care When the Patient Is a Child. Dean's Colloquium, University of Maryland, Baltimore, MD; 28 Feb 1995.
- Lipowski EE.** Evaluation of Medicaid DUR programs. American Drug Utilization Review Symposium, Austin, TX; 18-19 Feb 1995.
- Keefe FJ, Rowbotham MC, **Lipowski EE,** Burchiel KJ. Special Pain Problems in Older Adults II. Annual Scientific Meeting of the American Pain Society, Miami Beach, FL: 12 Nov 1994.
- Lipowski EE.** Rural and Urban Treatment Patterns for Medicaid Recipients with Asthma. Wintergreen Research Conference in Social and Administrative Sciences, Center on Drugs and Public Policy, University of Maryland Graduate School. Wintergreen, VA; 13-16 Oct 1994.
- Lipowski EE.** Evaluating the Cost Savings Attributable to Medicaid DUR. American Drug Utilization Review Symposium, Dallas, TX: 26 Feb 1994.

- Lipowski EE.** DUR Program Evaluation. American Drug Utilization Review Symposium, San Antonio, TX: 22 Feb 1992.
- Lipowski EE.** Consumer Decision Processes for Prescription Purchases. Research Workshop, Dept of Marketing, University of Florida; 16 Oct 1992.
- Lipowski EE.** A Report on the Survey of Histamine-2 Antagonist Use in Wisconsin Long Term Care Facilities. Annual Meeting, Long Term Care Section of the Wisconsin Pharmacists Association, Kohler, WI: 25 Mar 1986.

Participation in Invited Conferences

- Third Wintergreen Research Conference in Social and Administrative Sciences, Center on Drugs and Public Policy, University of Maryland. Wintergreen, VA; 13-16 Oct 1994.
- Second Wintergreen Research Conference in Social and Administrative Sciences, Center on Drugs and Public Policy, University of Maryland. Wintergreen, VA; 15-18 Apr 1993.
- Wintergreen Research Conference in Social and Administrative Sciences, Center on Drugs and Public Policy, University of Maryland. Wintergreen, VA; 11-13 Oct 1991.

Presentations, Professional Continuing Education

- Lipowski EE.** Medication Therapy Management: Lessons from Experience. Pharmacy Law and Management Conference. Orlando, FL: 29 Aug 2009.
- Lipowski EE.** Research ON Practice rather than Research IN Practice. Clerkship Faculty Workshop. Orlando: 21 Sep 2007.
- Lipowski EE.** Preventing Errors in Pharmacy Practice. Pharmacy Law and Management Conference. Tampa, FL: 26 Aug 2007.
- Lipowski EE.** Modern Medicines: Kill or Cure? I. How did the FDA go wrong with Vioxx? II. Systems for detecting potential drug safety problems. III. New technology as a solution to problems of drug safety. Pharmacy Law and Management Conference. Orlando, FL: 11 Sep 2005; Tampa, FL: 25 Sep 2005.
- Lipowski EE.** Fundamentals of Health Policy. Pharmacy Law and Management Conference. Orlando, FL: 16 Nov 2003; Jacksonville, FL 23 Nov 2003.
- Lipowski EE.** Medication Errors. Florida Department of Health Pharmacists, Orlando, October 23, 2002. Brushwood DB, **Lipowski EE**, Kimberlin CL. Error Prevention Principles: Best Practices for the Pharmacy Profession. Tampa, FL: 19 May 2002.
- Brushwood DB, **Lipowski EE**, Kimberlin CL. Error Prevention Principles: Best Practices for the Pharmacy Profession. Pharmacy Law and Management Conference, Orlando, FL: 4 Nov 2001.
- Lipowski EE.** What is a Reasonable Pharmacist Workload? 29th Annual Law and Management Conference, Orlando, FL: 23 Oct 1999.
- Lipowski EE.** Patient satisfaction and quality of life from a practitioner's perspective 27th Annual Law and Management Conference, Clearwater, FL: 24 Oct 1998.
- Lipowski EE.** OPDUR: On-line prospective drug utilization review. Mid-winter Convention, Pharmacy Society of the State of New York, Saratoga Springs, NY: 17 Jan 1997.
- Lipowski EE.** Provider report cards under managed competition. 24th Annual Law and Management Conference, Orlando, FL; 20 Nov 1994.
- Lipowski EE.** How to promote TOM services to physicians, and Reimbursement for TOM services. Therapeutic Outcomes Monitoring Training Program for Asthma, Gainesville, FL: 18 Sep 1994
- Lipowski EE.** Documenting DUR to satisfy the Florida DUR board. 23rd Annual Law and Management Conference, Orlando, FL; 15 Nov 1993.
- Lipowski EE.** Retrospective DUR and educational interventions. 22nd Annual Law and Management Conference, Orlando, FL; 21 Nov 1992.

Lipowski EE. Workshop on DUR. 21st Annual Law and Management Conference, Orlando: 16Nov 1992.

GRANTS AND CONTRACTS

Principal Investigator

- Southeastern Conference Visiting Faculty Travel Grant. SEC Universities. October 2013. \$2,500.
- An Evaluation of the Florida MEDS-AD Program. \$710,143, Florida Agency for Health Care Administration/CMS, July 2008-June 2011.
- Embracing the PBRN Model to Improve the Medication Use Process. \$47,200 Agency for Healthcare Research and Quality R13 HS016844 January 2007.
- Support for the Development of a National Conference on Practice-based Research. \$13,000, Donald C. Brodie Scholar-in-Residence Program, American Association of Colleges of Pharmacy, Jan-Dec 2006
- An Evaluation of Enhancements in Electronic Technology for Prescribers in the Florida Medicaid Program. Florida Agency for Health Care Administration, \$20,000, Aug 2003-June 2004.
- Identification and Treatment of Medicaid Recipients with Hepatitis C. Florida Agency for Health Care Administration, \$20,000 Aug-Dec, 2003.
- The use of COX-2 Inhibitors versus Traditional Non-selective NSAID Therapies in the Florida Medicaid. \$17,390, Florida Agency for Health Care Administration, October 2002-June 2003.
- An Evaluation of the Impact of the 4-Brand Prescription Limit in the Florida Medicaid Program. \$40,000 Florida Agency for Health Care Administration, Jan 2001-Jun 2002.
- Unit of Use Packaging to Improve Quality in Pharmacy (with DB Brushwood). \$85,000, Institute for the Advancement of Community Pharmacy, Jul 2000-Jun 2001.
- Patient Directed DUR: Refining Demand for Pharmaceutical Care. \$6,320, College Incentive Fund, June-Aug 1997.
- Automated Interactive Medical Information System. \$2,700, Florida A&M University, Jan 96-Jun 97.
- Retrospective Drug Utilization Review Monograph. \$27,320 United States Pharmacopeial Convention, Inc. November 1996-July 1997.
- The Impact of Extending Insurance Coverage for Non-prescription Drugs. \$3,541, Graduate Research Assistantship Program, University of Florida Division of Sponsored Research. Jan -May 1996.
- DUR within State Medicaid Programs: Evaluations and Recommendations. \$25,000, APhA Foundation. Oct 1994-Feb 1995.
- Rural and Urban Treatment Patterns for Medicaid Recipients with Asthma. \$10,000, Florida Rural Health Research Center, R. Paul Duncan, Center Director. Funded by HCFA Office of Rural Health Policy. Oct 1993-Sept 1994.
- Patient Expectations, Satisfaction and Perceived Quality of Pharmaceutical Care. \$4,962, New Investigator Award, American Association of Colleges of Pharmacy. Jan 1993-Dec 1994.
- Patient Expectations, Satisfaction and Perceived Quality of Pharmaceutical Care, \$7,886, Graduate Research Assistantship Program, University of Florida Division of Sponsored Research, Jan 1993-Sept 1993

Investigator

- Evaluating Health Care Quality in Texas Medicaid and CHIP, Institute for Child Health Policy/Texas Department of Administration, Elizabeth Shenkman, PI. July 2002-June 2004, \$21,200
- Children with Special Health Care Needs: Financing and Costs of Care. Cooperative Agreement Bureau of Maternal and Child Health, HHS, Elizabeth Shenkman, PI. July 2001-June 2004, \$20,000
- Research on the Outcomes of Pharmaceutical Care, \$75,000 Agency for Health Care Policy and Research, LD Ried, PI, Apr 1995-Mar 1996.

Managing Asthma Patients in an IPA Model Health Maintenance Organization, \$50,000, LD Ried, PI, Sep 1993-Sep 1995
 Methods for Calculating the Savings Attributable to the Medicaid Drug Utilization, \$70,000, Shepard-Patterson, Inc., Silver Springs, MD, DR Zimmerman, PI, Nov 1993-Aug 1994.
 Therapeutic Outcomes Monitoring Project, \$200,000, CD Hepler, PI, Working Group Member, Oct 1991-Sep 1994

Educational and Training Grants

SEC Travel Grant, University of Florida, \$5,000 October 2013
 Faculty Enhancement Opportunity Award, University of Florida, \$10,352; June 2012.
 AACP Wal-Mart Annual Conference Scholarship Award, \$1,000, July 2007.
 Advanced Grant Writers' Workshop, \$1,500, American Association of Colleges of Pharmacy, Mar 2001
 Advanced Practice Institute, \$35,000, American Pharmaceutical Association Foundation, Jan-Jul, 2000
 Advanced Practice Institute, \$35,000, American Pharmaceutical Association Foundation, Feb-Jul, 1999
 Linking Automated Databases for Longitudinal Medical Outcome Studies, \$26,410 (Equip. only), Research Development Award, University of Florida, Nov 1990
 Springboard to Teaching Fellowship, \$15,000, American Foundation for Pharmaceutical Education, Sept 1990-Aug 1992

PROFESSIONAL AND SCHOLARLY AFFILIATIONS

American Association of Colleges of Pharmacy (AACP), 1987-present
 American Institute of the History of Pharmacy (AIHP), 1985-present
 American Pharmacists Association (APhA), 1985-present, Fellow (2000)
 American Society of Health-System Pharmacists (ASHP), 1972-present
 Academy Health, 1991-present
 Phi Lambda Sigma, 1994-present
 Rho Chi, 1970-present

PROFESSIONAL SERVICE

Guest Editor

Journal of the American Pharmacists Association, Theme Issue on PBRNs 2007-2008

Editorial Advisory Boards

Research in Social and Administrative Pharmacy, 2007-present
Journal of the American Pharmaceutical Association, 1999-2002; 2013-2016
Online Journal of the American Association of Pharmaceutical Scientists, 1999-2003
Journal of Pharmaceutical Marketing & Management, 1998-2000

Reviewer for Professional Journals and Associations

Pharmacoepidemiology and Drug Safety 2012
Innovations in Pharmacy, 2011
Value in Health, 2009, 2010
 Academy Health Annual Meeting, Abstract Reviewer, 2009
International Journal for Quality in Health Care, 2006, 2007
Journal of the American Pharmacists Association, 2004-2006, 2008, 2009 (2), 2010, 2012-2013, 2014 (2)

Research in Social and Administrative Pharmacy 2005-2006, 2008, 2009, 2011 (named a “top reviewer”), 2012, 2013, 2014(2)
Journal of Pharmaceutical Marketing and Management 2005
Journal of the American Pharmaceutical Association 1996-2003
Journal of Managed Care Pharmacy 2000-2005, 2007, 2013, 2014 (2)
PharmSci 2000
American Journal of Managed Care 1998, 2009, 2010, 2012
American Journal of Pharmaceutical Education 1998, 2006, 2009, 2011, 2012
Clinical Therapeutics 1997
 American Pharmaceutical Association Annual Meeting 1996, 1997 (chair), 1998, 2000; 2005; 2007, 2011
American Pharmacy 1995
APhA Guidebook: Disease Specific Pharmaceutical Care Protocols 1995
The Gerontologist 1995, 1997
American Journal of Health-System Pharmacy 1995-2000, 2002, 2008, 2010, 2011, 2012 (2), 2013, 2014
 American Society of Health-System Pharmacists Mid-Year Clinical Meeting, 1997-2002
American Journal of Hospital Pharmacy 1987, 1988, 1991, 1993, 1994
Journal of Social and Administrative Pharmacy, 1993, 1996
 American Marketing Association Doctoral Dissertation Competition 1993
Quality Review Bulletin 1993

External Consultant

Member, Grant Review Committee, ExpressScriptsScholars Program, 2014
 Member, Scientific Advisory Group, Florida Center for Medicaid and the Uninsured, 2001-2006, 2008-13
 Member, Grant Review Panel, Pharmacy Quality Alliance, 2008.
 Member, Education and Communication Committee; Chair, State Medicaid Programs Team, Pharmacy Quality Alliance, 2007-2009
 Book Proposal Review, Jossey-Bass Publishers, 2008; 2009; 2012
 Consultant, Medicare Evaluation Contract and Projects, Florida Medical Quality Assurance Inc., 2005-06
 Member, Florida Medicaid Drug Use Review Board, 1992 - 2005.
 Member, DUR Program Enhancement Working Group, United States Pharmacopeia, 2002
 Member, Technical Assistance Work Group, Medicaid Program Health Outcomes Management Initiative, Health Council of South Florida and Florida Agency for Health Care Administration, 1997.
 Speakers Bureau, Pharmacists Role in the Medicaid On-line, Real Time DUR Program, Philadelphia College of Pharmacy and Science, 1995-96.
 Work group Member, Automated Managed Care Pharmacy Project, Florida Agency for Health Care Administration, 1995-96.
 Member, Wisconsin Medicaid Drug Use Review Advisory Committee, 1984-1994
 Reviewer, National DUR Survey, Abt Associates, Inc., Cambridge, MA; May 1994
 Member, Work Group of the American Public Welfare Association, State Drug Prior Approval Programs, Washington, DC; Dec 1993-Jan 1994
 Member, Advisory Panel Medicaid Bureau, Health Care Financing Administration, Strengthening Medicaid DUR Programs: A Discussion of the Issues and Opportunities, Washington, DC; Oct. 1993-Feb. 1994.
 Member, Research Design Advisory Panel for Demonstration Projects required by OBRA '90, Health Care Financing Administration; Steven Haas, project director. Jun - Aug 1991.
 Member, Advisory Panel to HCFA Contract, Use of Medicaid Data in the Nursing Home Quality Assurance Process, Contract 18-C-99256/5-01, D Zimmerman, P.I. Center for Health Systems, Madison, WI, 1988-89

National Organizations

Steering Committee, U.S.-Thai Educational Consortium, 2012-2014
 Member, Academic Affairs Committee, Pharmacy Quality Alliance, 2013-14
 Member, Research & Graduate Affairs Committee, American Association of Colleges of Pharmacy, 2013-14
 Member, Higuchi Prize Selection Committee, 2014
 Member, Grant Reviewer, AACP New Investigator Awards, 2013
 Member, Policy Reference Committee, House of Delegates, American Pharmacists Association, 2012
 Member, Rules Review Committee, House of Delegates, APhA 2008-09; 2009-10
 Member, House of Delegates, APhA 1992-2000; 2002-2014
 Member, Strategic Planning Committee, SAdS , AACP, 2008-09
 Chair, Program Committee, Health Policy Session, APhA Annual Meeting, 2008-09, 2011
 Member, Remington Medal Selection Committee, AIHP, 2008-09
 Chair, Grant Review Panel, SAdS Section, AACP New Investigator Program 2008
 Member, Educating Clinical Scientists Task Force II, 2007-08
 Member, Grant Review Panel for National Demonstration Projects, Pharmacy Quality Alliance, 2008; 2009
 Chair, National Invitational Conference, *Embracing the PBRN Model to Improve the Medication Use Process*, 2007
 Member, APhA Awards Selection Committee, 2006, 2007
 Member, Education and Communications Committee; Chair, State Medicaid Programs Team, Pharmacy Quality Alliance, 2007-present
 Member, Program Committee, AACP Annual Meeting, 2007
 Member, Board of Trustees, APhA, 2004-05.
 President-Elect, President, Past-President, Academy of Pharmaceutical Research and Science, APhA, 2003-06.
 Member, Strategic Directions Committee on Membership, APhA, 2004-05
 APhA Representative, Section on Pharmaceutical Sciences, AAAS, 2004-07; 2007-10
 Councilor, Region III, National Executive Committee, Rho Chi Academic Honor Society, 2003-05
 Co-chair, Joint Committee on Advocacy and Outreach, AACP, 2003-05
 Member, Policy Standing Committee, Academy of Pharmaceutical Research and Science, APhA, 2003-04
 Chair, Education Standing Committee, Academy of Pharmaceutical Research and Science, APhA, 2000-01
 Abstract Reviewer, Mid-year Clinical Meeting, ASHP, 1998-02
 Chair-elect, Chair, Immediate Past-Chair, ESAS Section, Academy of Pharmaceutical Sciences, APhA, 1998-2001
 Member, Federal Issues Advisory Committee, AACP, 1998-99
 Member, Florida Coalition for Health Services Research, Academy Health, 1999
 Member, Selection Committee, Pinnacle Award, APhA Foundation, 1998
 Member, Pharmacy Practice Activity Classification (PPAC) Review Committee, APhA, 1997
 Member at Large, ESAS Section, Academy of Pharmaceutical Sciences, APhA, 1996-98
 Member, Professional Affairs Policy Committee, APhA, 1993

University of Florida

Faculty Senate 1993-95

University of Florida - College of Pharmacy

Admissions Committee, Online MS Program in Pharmaceutical Regulation and Policy, 2014
 Tenure and Promotion Committee, 2012-2014
 Faculty Development Committee, 2011- present
 Accreditation Self-Study Steering Committee, 2011-13
 Department Representative, Pharmacy Faculty Governance Council, 2008-2014
 Subcommittee on Strategic Plan, 2010-11;
 Chair, Ad Hoc Committee on Facilitator Evaluation 2012-13
 Delegate, U.S. -Thai Pharmacy Educational Consortium. Bangkok 2002; Bangkok 2006;
 Madison, WI 2008; Phuket 2011; Baltimore 2014
 Faculty Coordinator, Target Corporation Leadership Development Seminar Series, 2007-2008
 Faculty Delegate, Annual Meeting of AACP, 2008
 Alternate Faculty Delegate, Annual Meeting of AACP, 2006
 Member, Faculty Search Committees, Department 2005, 2007-2008, 2009, 2013
 Member, Faculty Student Relations Committee 1996-2008
 Faculty Coordinator, PharmD/MBA Program 1995-2014
 Member, Tenure and Promotion Committee 1996-1997, 2000-2004
 Faculty Advisor, Professional Program, 1991-2014
 Search Committee, Director of Off-Campus Degree Program (3 positions) 2000
 Member, Accreditation Self-Study Coordinating Committee; Chair Subcommittee on Administration,
 1999-2001
 Member, Working Group on Professional Curriculum, 1996
 Member, Graduate Studies Committee, 1995-1996
 Member, Alumni Awards Committee 1995, 1996
 Member, Faculty Committee to Develop College Policy Manual 1994-1995
 Member, Financial Aids and Awards Committee 1993-1996
 Counselor, AACP Research Participation Award 1990-1993
 Member, Ad Hoc Space Committee 1992
 Member, Planning Committee, Law & Management Conference 1991-1995, Chair 1996, 1997, 2001,
 2003, 2005
 Member, Task Force on the Mission Statement of the College 1991
 Member, Search Committee, Department of Pharmacy Practice 1990

GRADUATE STUDENTS SUPERVISED

Ph.D. Graduates, Chair

Amanda Ballentine, 2006
Sharrel Pinto, 2004
Henry Young, 2002
Ratanaporn Awiphan, 2000
Barbara F. Brice, 2000
David Nau, 1997

M.S. Graduates, Chair

David Folmar, 2011
Lek Rungreangyingyod, 2008
Karen Mitchell, 2005
Mark Monteath, 2003
Clarence McMillan, Jr., 2002

Ph.D. Graduates, Supervisory Committee

Irene Murimi, 2015
Mark Allen, 2010
Chiening Hsu, 2010
Frank Irizarry (Journalism), 2010
Christian Hampp 2009
Ahuna Onyenwenyi 2008
Arpapat Siriassamee, 2006
(Silpakorn University, Thailand)
Penkarn Kanjanarat, 2005
Hathaikan Chowanapoonpohn, 2005
(Chiang Mai University, Thailand)
Brian Sauer, 2004
Avin Yaldo, 2002
Richard Faris, 2001
Summana Moolasarn, 2000
Daniel Halberg, 1998
Susan Kernodle, 1998
Neil J. MacKinnon, 1998
Rajesh Nayak, 1997
Michelle Assa, 1997
Folake Badejogbin Odedina, 1995

PharmD/MBA Dual Degree Advisor

Susan Baumgartner, 1996
Danny Chou, 1998
Kerry Lewis Ford, 1998
William Ratner 1998
David Medvedeff, 1999
Karen Cheung, 1999
Jerry Wong, 2000
Orlando Matas-Sosa, 2001
Deepti Sukhatankar, 2001
Paul Landerville, 2002
Tony Martin, 2002
Melissa Dorn, 2002
DeArcy Campbell, 2003
Denise Johns Klinker, 2003
Dan Brum, 2004
Alan Pendergrass, 2005
Marni Williams, 2005
Farrell Simon, 2007
Carissa Squindo, 2008
Joshua Bell, 2009
Lance Enfinger, 2009
Suzy Wise, 2009
Tom Van Winkle, 2009
Susan Davenport, 2010
Jonathan Boress, 2011
Chelsey Campbell, 2012
Austin Hewitt, 2016
Christopher Ganey, 2017

TEACHING RESPONSIBILITIES, 2010-2014

Semester & Year	Course	Title	No. of Students	Semester Hours	Contact Hours
Summer 10	PHA 6928	Policy & Regulation Seminar	25	1	6
Fall 10	PHA 5727	Intro to Pharm & Health System	297	3	38
	PHA 6222	Intro Pharm Outcomes & Policy	15	3	12
	PHA 6938	Policy & Regulation Seminar	90	1	12
Spring 11	PHA 5263	Pharm Industry & Public Policy	2	7	26
	PHA 6269	Pharm Products & Public Policy	3	20	26
	PHA 5941C	Interdisciplinary Family Health	12	1	12
	PHA 6938	Policy & Regulation Seminar	90	1	12
Summer 11	PHA 6910	Supervised Research	2	Var	20
Fall 11	PHA 5727	Intro to Pharm & Health System	297	3	38
	PHA 5941C	Interdisciplinary Family Health	12	1	12
	PHA 6265	Introduction to POP	2	3	4
	PHA 6279	Policy & Regulation Seminar	75	1	12
Spring 12	PHA 5263	Pharm Industry & Public Policy	23	2	32
	PHA 6269	Pharm Products & Public Policy	20	3	30
	PHA 6279	Policy & Regulation Seminar	80	1	12
Summer 12	PHA 5645	APPE International Pharmacy	4	4	90
Fall 12	PHA 5727	Intro to Pharm. & Health System	287	3	52
	PHA 6938	Policy & Regulation Seminar	55	16	16
	PHA 6938	Research Seminar	20	1	24
	PHA 5941C	Interdisciplinary Family Health	12	1	6
Spring 13	PHA 6266	Introduction to POP	7	3	6
	PHA 5263	Pharm Industry & Public Policy	27	2	28
	PHA 6269	Pharm Products & Public Policy	23	3	28
	PHA 5941C	Interdisciplinary Family Health	12	1	4
Summer 13	PHA 5901	Research in POP	1	3	20
Fall 13	PHA 5727	Intro to Pharm. & Health System	295	3	40
	PHA 6938	Policy & Regulation Seminar	45	1	16
	PHA 5941	Interdisciplinary Family Health	12	1	6
Spring 14	PHA 6266	Introduction to POP	8	3	10
	PHA 5263	Pharm Industry & Public Policy	19	2	26
	PHA 6269	Pharm Products & Public Policy	18	3	26
	PHA 5941C	Interdisciplinary Family Health	12	1	4
Fall 14	PHA 5727	Intro to Pharm. & Health System		3	
	PHA 6938	Policy & Regulation Seminar		1	8