

BIOGRAPHICAL SKETCH

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NAME: Sally A. Huston

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: Associate Professor

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
University of Toledo, Toledo, Ohio	BS	1978	Pharmacy
University of North Carolina at Charlotte, NC	-	1997	Health Admin
University of North Carolina at Chapel Hill, NC	MS	8/17/1999	Pharmacy (Social Admin)
University of Michigan, Ann Arbor, Michigan	PhD	8/20/2004	Pharmacy (Social Admin)

A. Personal Statement

My responsibilities for this project include serving as the California state project coordinator, qualitative researcher and coordinator, educational marketing materials developer, and assisting with survey development. My duties include working directly with pharmacies in California. As an experienced pharmacist and pharmacy manager (20 years) I bring expertise relating to pharmacy practice in the field, as well as management and coordination experience. I bring additional management and coordination experience from several academic projects, including my dissertation project which involved both qualitative focus group and mailed survey research, and used the Theory of Planned Behavior (TPB) as a theoretical framework. I am also well prepared to design and supervise the qualitative and design and help with the survey portion of the study. I trained at the University of Michigan in qualitative interviewing design and conduct, and in research survey development. I served as a Co-Coordinator of the Qualitative Research Forum, a multidisciplinary organization of faculty and students for the discussion of qualitative research methods and study at the University of Michigan.

- a. Huston SA, Hobson EH. Using focus groups to inform pharmacy research. *Research in Social and Administrative Pharmacy*. 2008;4:186-205.

I am currently writing up a qualitative research project focused on community pharmacy safety factors, a study I helped design, conduct and analyze. This research included recruiting pharmacists and technicians to take part in individual interviews, an activity relevant to the current study. I also designed and conducted past qualitative research efforts. For example, I designed and supervised an individual interview study among youth with diabetes and sickle cell research. This study included recruiting subjects and training clinical personnel in how to conduct the interviews.

- a. Huston SA, Houk C. Common sense model of illness in youth with type-1 diabetes or sickle cell disease. *Journal of Pediatric Pharmacology and Therapeutics*. 2011;16(4):270-280.

I have also led several survey research projects. As an example, for my dissertation project I conducted focus groups to help develop questions, designed the survey, recruited test subjects similar to potential subjects, to take the initially developed surveys and provide individual feedback to 'probe' questions about the survey to enable question improvement. Next I pilot tested the survey with a small subset to identify any further problematic questions and garner an idea of response rates, and then deployed the survey to about 2,000 individuals. Since then I have conducted and helped with several other survey projects, for example a survey of community pharmacist's attitudes towards pediatric cough and cold products.

I trained and worked with Dr. Betsy Sleath on a research project focused on communication between Hispanic patients and their providers at the University of North Carolina- Chapel Hill. This experience provided me with some insights relevant to working with the Hispanic community. I am also experienced in understanding factors that influence patient decision-making, having used the Theory of Planned Behavior (TPB) for drug use decision research and the Planned Risk Information Seeking Model (PRISM) for a drug information research survey.

B. Positions and Honors

Positions and Employment

1978-1980	Pharmacist (Nuclear), Pharmatopes, Inc., Toledo, Cincinnati & Columbus, Ohio
1983-1984	Pharmacist, Lancaster-Fairfield Community Hospital, Lancaster, Ohio
1984-1987	Pharmacist, Rite Aid Pharmacy, Charlotte, North Carolina
1987-1997	Pharmacy Manager, Kmart Pharmacy, Pineville, North Carolina
1997-1999	Research Assistant, Dept of Pharmaceutical Policy and Evaluative Sciences, University of North Carolina, School of Pharmacy
2001-4/2004	Research Associate, "Understanding Differences in Use of Hormone Replacement Therapy in Women With and Without Diabetes". Kirking, DM. Principal Investigator, Upjohn Research Award.
01/2004	Consultant: Assisted in design, implementation and analysis of a focus group, including acting as moderator, "Pharmacists' Attitudes Towards Medication Importation". Nau, D, Principal Investigator.
1999-2004	Graduate Student (Candidate), University of Michigan Doctoral Program
2004 - 2007	Assistant Professor, South University, School of Pharmacy
2007 - 2013	Assistant Professor, University of Georgia, College of Pharmacy
2014 -	Associate Professor, Keck Graduate Institute School of Pharmacy

Other Experience and Professional Memberships

1978 -	Registered Pharmacist in Ohio
1993-1997	Mecklenburg Pharmaceutical Society, Charlotte, North Carolina Served as Secretary, Treasurer, and Second Vice-President
1998 -	American Pharmacist Association
2001-2002	Representative, University of Michigan Rackham School of Graduate Studies Student Forum, College of Pharmacy appointee
2004	American Association of Colleges of Pharmacy Multiple service roles, including 2013 - 2014 AACP Committees: Social and Administrative Sciences Section: Strategic Planning Committee (Nathan Rickles, Chair), Awards Committee (Pamela Heaton, Chair);, 2010-2012 AACP New Pharmacy Faculty Research Awards Program Review Committee, and several additional committees such as Curriculum, planning committee, organizing committees and review committees.
2009 -	Ad Hoc Reviewer, Health Resources and Services Administration (HRSA)
2010 -2013	Editorial Advisory Board Member, Journal of the American Pharmacists Association

2011-2012	Invited participant in the Delphi Panel for the “Harmonizing Pharmacy Clinical Competency for Students and Professionals” project funded by the Department of Education. Principle Investigators Ried L D. United States, Salm L. Republic of Ireland. Co-investigators: Archer J. GB, Beck D, US.
2012-2014	Affiliate Faculty Member, Institute for Evidence-Based Health Professions Education
2013-2014	AACP Committees: Social and Administrative Sciences Section: Strategic Planning Committee (Nathan Rickles, Chair), Awards Committee (Pamela Heaton, Chair).

Honors

1976	Inducted Phi Kappa Phi Academic Honor Society
1977	Inducted Rho Chi Academic Honor Society in Pharmacy (Treasurer)
1978	Graduated Cum Laude from University of Toledo, College of Pharmacy
1999-2002	Rackham Regents' Fellowship, University of Michigan
2000-2003	American Foundation for Pharmaceutical Education Pre-Doctoral Fellowship in the Pharmaceutical Sciences
2003	Inducted Delta Epsilon Iota Academic Honor Society

C. Contribution to Science

- My early work included several publications on provider-patient communications, with an emphasis on patients with Hispanic ethnicity. We found no significant difference in prescribing to Hispanic and Non-Hispanic White patients or in physician monitoring. We did find physicians more likely to state antidepressant information to non-Hispanic white than to Hispanic patients, and Hispanic patients were also less likely to state antidepressant information to the provider. Therapy adherence was significantly lower for Hispanics. This suggests greater communication efforts are needed with Hispanic compared to Non-Hispanic white patients. As PI, I also found there was less discussion about Hormone Replacement Therapy (HT) with women with diabetes compared to women without, again suggesting greater communication efforts for secondary conditions may be needed for individuals with a primary condition.
 - Sleath BL, Rubin RH, Huston SA. Antidepressant prescribing to Hispanic and non-Hispanic white patients in primary care. *The Annals of Pharmacotherapy*. 2001;35(4):419-423.
 - Sleath BL, Rubin RH, Huston SA. Resident physician management of Hispanic and non-Hispanic white patients on anti-depressants. *International Journal for Quality in Health Care*. 2001;13(3):231-238.
 - Sleath B, Rubin RH, Huston SA. Hispanic ethnicity, physician-patient communication, and antidepressant adherence. *Comprehensive Psychiatry*. 2003;44(3):198-204.
 - Huston SA. Influence of physician gender on discussion of HRT with patients. *Menopause Digest*. 2002;14(1):26-28.
- As PI in the area of medication use perceptions, and using the Theory of Planned Behavior as a framework, I found significant differences in factors influencing menopausal hormone replacement therapy (HRT) among women with and without diabetes. Having diabetes significantly increased uncertainty about using HRT. For women with diabetes, the physician's opinion was more important than their own attitude, while for women without diabetes, attitude was more important. Patients with existing medical conditions may find provider's opinions particularly influential.
 - Huston SA. *Theory of planned behavior: Understanding women's decisions about hormone replacement therapy*. [Dissertation]. Ann Arbor: Pharmacy, University of Michigan; 2004.
 - Huston SA, Kirking DM, Shimp LA. Use, intentions, and beliefs about hormone replacement therapy in women with and without diabetes. *Maturitas*. 2006;55(1):58-68.
- As PI I found women's trust in pharmacists as information sources influenced by perceptions of knowledgeability and helpfulness, while actual use as an information source was predicated on having

used HRT (direct contact with pharmacist) as well as trust and helpfulness. Pharmacists need to make strong communication efforts to people who are not already familiar with them, highlighting their trustworthiness, helpfulness and knowledgeability. In a separate study I also found both affective & evaluative attitude, control, and risk perceptions influenced pharmacist information seeking intentions with regard to any currently prescribed medication. These factors should be highlighted in marketing to encourage patients to discuss medication issues with pharmacists.

- a. Huston SA, Jackowski RM, Kirking DM. Women's use of information sources in the treatment of menopause. *Womens Health Issues*. 2009;19(2):144-158.
- b. Huston SA. Patients' intentions to seek medication information from pharmacists. *JAPhA*. 2013;53(5):466-474.

D. Research Support

Completed Research Support

RC Wilson Pharmacy Fund Non-prescription over the counter weight loss products. The goal of this study was to assess the use of non-prescription weight loss products in the community.	Huston (PI)	10/2012 – 10/2013
Randy Ellison Community Pharmacy Fund Patient information seeking. The goal of this project was to investigate patient new drug information seeking from pharmacists.	Huston (PI)	11/2011 – 11/2012
Morgan Fund in Pharmacy Practice Community Pharmacy Safety. The goal of this project was to qualitatively investigate safety climate in community pharmacies.	Huston (PI)	10/2008 – 10/2009
Faculty Research Grants Program. UGA Diabetes and Youth The goal of this project was to investigate youth adherence to diabetes therapy.	Huston (PI)	12/2008 – 10/2009
New Investigators Program for Pharmacy Faculty (AACP) Adjuvant Breast Cancer Therapy Decisions This project focused on investigating women's issues surrounding adjuvant breast cancer therapy decision making.	Huston (PI)	12/2006 – 12/2007
Society for the Psychological Study of Social Issues Women's menopause treatment decisions. This study focused on survey research to understand factors influencing women's decision-making surrounding hormone replacement therapy for menopause and to ascertain differences in this decision making between women with and without diabetes.	Huston (PI)	7/2003 – 7/2004
Center for the Education of Women Understanding Hormone Replacement Therapy This study focused on qualitatively understanding factors influencing women's decision-making surrounding hormone replacement therapy for menopause	Huston (PI)	6/2002 – 7/2004
Wyeth-Ayerst Patient-Physician Communication about Estrogen Replacement Therapy The goal of this study was to qualitatively investigate patient-physician communication about taking hormone replacement therapy for menopause.	Huston (PI)	11/1998 – 11/1999
Merck	Huston (Co-I)	11/2015 – 11/2017

"Impact of a multicomponent immunization intervention on pneumococcal and herpes zoster vaccinations: A randomized controlled trial of community pharmacies in 2 states". The goal of this research project is to investigate the influence of an enhancement intervention on increasing and sustaining immunization rates in community pharmacies.