

Susan M Abughosh, PhD

Assistant Professor of Pharmacy Administration  
University of Houston College of Pharmacy  
Texas Medical Center Campus  
Room 435, 1441 Moursund Street  
Houston, TX 77030

Phone 832 842 8395

e-mail: smabughosh@uh.edu

Fax 832 842 8383

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### **Education**

1999-2003      Ph.D. in Pharmacoepidemiology and Pharmacoeconomics  
Department of Applied Pharmaceutical Sciences  
College of Pharmacy, University of Rhode Island

1991-1996      BS, Pharmacy  
College of Pharmacy, University of Jordan

### **Employment**

8/2010-current      Assistant Professor in Pharmacy Administration  
College of Pharmacy  
Department of Clinical Sciences and Administration  
University of Houston

2008-7/2010      Lecturer  
College of Pharmacy  
Department of Clinical Sciences and Administration  
University of Houston

2007-2008      Lecturer  
Pharmacy Practice  
Bouve College of Health Sciences  
Northeastern University

Adjunct Assistant Professor  
Department of Pharmaceutical Sciences  
Massachusetts College of Pharmacy and Healthcare Sciences

Senior Instructor  
Healthcare Management Masters Program  
Cambridge College

2005-2006      Epidemiology Consultant  
Episource Consultants LLC

2004- 2005	Post Doctoral fellow With Elaina Goldstein, J.D., M.P.A. Director of Public Policy College of Pharmacy, University of Rhode Island
2003-2004	Post Doctoral fellow With Stephen J Kogut, Ph.D., MBA, R.Ph. Assistant Professor Department of Applied Pharmaceutical Sciences Program in Pharmacoepidemiology and Pharmacoeconomics College of Pharmacy, University of Rhode Island
1996-1998	Teaching and Research Assistant College of Pharmacy, University of Jordan

**Course Program Development and /or Revision**

2009-present	Pharmacy Administration Teaching Practicum ( PHCA 7310) 3 credit hours , Fall
2009	Logistic and Survival Analysis (PHCA 6398) 3 credit hours, Summer
2009- 2010	US Heath Care Systems ( PHPS 3200) 2 credit hours, Spring
2009-2010	Biostatistics and Experimental Design (PHPS 4300,) 3 credit hours, Fall
2010	Pharmaceutical Outcomes Management (PHPS 4302) 2 credits hours, Fall
2011-present	Biostatistics and Experimental Design ( PHCA 6308 - 01) 3 credit hours , Fall
2012- present	Pharmacy Management 1 (PHAR 4260) 2 credit hours, Spring

### **Graduate Student Tutorial:**

#### **Ph.D. Student Dissertation Advisory Committee Chair & Major Advisor**

Defense June/2013                      Mo Yang (PhD of Pharmacy Adm)  
Dissertation: Comparative Effectiveness of Smoking Cessation Medications Among  
Obese Smokers

#### **M.S. Student Theses Advisory Committee Chair & Major Advisor**

Defense July/2011.                      Yuping Yu (Masters of Pharmacy Adm)  
Thesis: Obesity and Prescribing of Smoking Cessation Medications

#### **M.S. Student Theses Advisory Committee Member**

1. Defense Aug//2011.                      Mo Yang (Masters of Pharmacy Adm)  
Thesis: Correlates of Tobacco Use among Chinese Adults.
2. Defense July/2011.                      Prajakta Bhounsule (Masters of Pharmacy Adm)  
Thesis: Predictors of Smoking and willingness to Quit smoking in India.
3. Defence July/2011.                      Shivani Mhatre (Masters of Pharmacy Adm)  
Thesis: Perspective of Adults towards Medication Belief and Polypharmacy
4. Defense July/2011.                      Pooja Chopra (Masters of Pharmacy Adm)  
Thesis: Impact of Comorbid Anxiety and Depression on Adults with Chronic Obstructive  
Pulmonary Disease
5. Defense July/2011.                      I-Hsuan Wu (Masters of Pharmacy Adm)  
Thesis: Correlates of Tobacco Use among Taiwanese Adults.
6. Defense Nov/2011.                      Ran Liu (Masters of Arts)  
Thesis: Investigating the Relationship between Psychological Factors and Smoking  
Intentions Among college Women.
7. Defense May /2012                      Ali-Reza Shah Mohammadi (Masters and residency  
certification in of Pharmacy Adm)  
Project: Analysis of the Perceived Barriers Encountered by Management Within  
Pharmacy Workflow Due to Intermittent Family and Medical Leave Act (FMLA )  
Leave at a Governmental Teaching Hospital
8. Defense July/2012.                      Sweta Kakad (Masters of Pharmacy Adm)  
Thesis: The Association of Guideline-Recommended Medication and Quality of Life  
in Patients with Heart failure
9. Defense Oct/2012                      Pravin Kamble (PhD in Pharmacy Adm)

Dissertation: Concurrent Stimulant and Atypical Antipsychotic Use in Children and Adolescents with ADHD

10. Defense Oct/2012 Nilanjana Dwibedi (PhD in Pharmacy Adm)  
Dissertation: Parents' Expectation to Receive Antibiotic Prescription for Children

11. Defense April/2013 Gift Nweke (Masters and residency certification in  
of Pharmacy Adm)  
Project: Evaluation of Pharmacists' Perspectives Towards Peer Review and  
Identification of Opportunities for Improvement

#### Graduate Student Major Advisor

Current PhD Students: I-Hsuan Wu

Current Master Student: Xin Wang  
Liqia Athamneh

#### Publications

(\*(Asterisk denotes publications where Dr. Abughosh served as corresponding author.)

1. **Abughosh S\***, Hawari F, Essien E, Peters RJ, Wu IH. Beliefs in Effectiveness of Various Smoking Cessation Interventions among Jordanian Adult Smokers. Online First: 25 Jun, 2013.
2. Peters RJ, Meshack A, Lin M, **Abughosh S**. the Social Norms and Beliefs of Teenage Male Electronic Cigarette Use. *J Ethn Subst Abuse. In Press*
3. Kadakia A, Rajan S, **Abughosh S**, Du X, Johnson M. CMF-regimen preferred as first-course chemotherapy for older and sicker women with breast cancer: SEER-Medicare based population study. *The American Journal of Clinical Oncology. In Press*
4. Almogbel Y, **Abughosh S**, Almogbel F, Alhaidar I, Sansgiry S. Predictors of Smoking among Male College Students in the Kingdom of Saudi Arabia. *EMHJ. In Press*
5. Bhounsule P, **Abughosh S**, Essien J, Sansgiry S (2013). Predictors of Cigarette Smoking Behavior in a Cohort of Adults in India. *J Behav Health*; 2(2): 105-111
6. Yang M, Bhowmik D, Wang X, **Abughosh S\*** (2013) Does Combination Pharmacological Intervention for Smoking Cessation Prevent Post-Cessation Weight Gain? A Systemic Review. *Addictive Behaviors*; 38:1865-1875.
7. **Abughosh S\***, Yang M, Wu I, Hawari F, Peters RJ, Essien EJ (2012). Waterpipe Smoking among Jordanian Adults: Predictors and Correlates. *J Behav Health*, 1(1):7-15.

8. **Abughosh S\***, Wu IH, Hawari F, Peters RJ, Yang M, Crutchley R, Essien EJ (2012). Cigarette Smoking among Jordanian Adults. *J Ethn Subst Abuse* 11:101-112.
9. Yang M, Wu I, Sansgiry S, Peters RJ, Essien EJ, **Abughosh S\*** (2012). Predictors of Intention to Quit Cigarette Smoking among Chinese. *J Behav Health*, 1(2): 93-101
10. Yang M, **Abughosh S**, Sansgiry S, Peters RJ, Wu I, Essien EJ (2012). Predictors of Cigarette Smoking among Chinese Adults. *Journal of Behavioral Health*. 1(3):157-166.
11. **Abughosh S\***, Wu I, Peters RJ, Rajan S, Essien EJ (2012). Waterpipe Smoking Among Students in One US University: Predictors of an Intention to Quit. *Journal of American College Health*. 60:7, 528-535.
12. **Abughosh S\***, Wu I, Peters RJ, Hawari F, Essien EJ (2012). Ethnicity and waterpipe smoking among US Students. *The International Journal of Tuberculosis and Lung Disease*. 16(11):1551 – 1557.
13. Mgbere O, Monjok E, **Abughosh S**, Ekong E, Holstad M, Essien EJ (2012). Modeling Covariates of Self-Perceived and Epidemiologic Notions of Risk for Acquiring STIs/HIV among Military Personnel: A Comparative Analysis. *AIDS and Behavior*. DOI: 10.1007/s10461-011-0126-5.
14. Wu IH, Essien EJ, Sansgiry SS, Peters RJ, Yang M, **Abughosh S\*** (2011). Cigarette Smoking among Taiwanese Adults. *Epidemiol*. 1:107.
15. Yu Y, Yang M, Sansgiry SS, Essien EJ, **Abughosh S\*** (2011) Beliefs in Effectiveness of Various Smoking Cessation Interventions among Chinese Adult Smokers. *Epidemiol*. 1:106.
16. **Abughosh S\***, Wu IH, Hawari F, Peters RJ, Yang M, Crutchley R, Essien EJ (2011). Predictors of Intention to Quit Cigarette Smoking among Jordanian Adult. *Epidemiol*. 1:103.
17. **Abughosh S\***, Wu IH, Peters RJ, Essien EJ, Crutchley R (2011). Predictors of Persistent Waterpipe Smoking Among University Students in The United States. *Epidemiol*. 1:102.
18. Mehta H, Patel J, Parikh R, **Abughosh S\*** (2012). Physician differences in obesity management. *Population Health Management*. 15(5): 287-292.
19. Crutchley RD, Gathe J, Jr, Mayberry C, Trieu A, **Abughosh S**, Garey K (2012). Risk Factors for Vitamin D Deficiency in HIV-Infected Patients in the South Central United States. *AIDS Research and Human Retroviruses*. 28(5):454-9.
20. Essien EJ, Mgbere O, Monjok E, **Abughosh S**, Ekong E, Holstad M (2010). Predictors of Frequency of Condom use and Attitudes among Sexually Active

- Female Military Personnel in Nigeria. *Journal of HIV/AIDS - Research and Palliative Care*. 2:77-88.
21. Essien EJ, Monjok E, **Abughosh S**, Ekong E, Peters R, Chen H, Holmes L, Holstad M, Mgbere O (2010). Correlates of HIV knowledge and sexual risk behaviors among Female Military Personnel. *AIDS and Behavior*.14 (6):1401-1414.
  22. **Abughosh S\***, Kogut S (2008). Comparison of Persistence Rates of Acetylcholine-esterase Inhibitors in a State Medicaid Program. *Patient Preference and Adherence*. 2:79-85.
  23. Kogut S, El-Maoche D, **Abughosh S** (2005). Decreased persistence to cholinesterase inhibitor therapy with concomitant use of drugs that can impair cognition. *Pharmacotherapy*. 25(12):1729-35.
  24. **Abughosh S\***, Kogut S, Andrade S, Larrat E, Gurwitz J. Persistence with lipid-lowering therapy: Influence of the type of lipid-lowering agent and drug benefit plan option in elderly patients. *J Manag Care Pharm* 2004; 10(5):404-11.

#### **Conference Presentations/ Published Abstract**

- 1) **Abughosh S**, Wu I, Peters RJ, Essien EJ, Crutchley R. Predictors of persistent waterpipe smoking among university students in the United States. *Value in Health*, 15 (4), A53. Poster presented at the ISPOR 17th Annual International Meeting, Washington, DC, USA, June 2-6, 2012.
- 2) **Abughosh S**, Yu Y, Yang M, Rajan S, Essien EK. Smoking cessation medication use among adult smokers with various body weight levels - A NHANES study. *Value in Health*, 15 (4), A107. Poster presented at the ISPOR 17th Annual International Meeting, Washington, DC, USA, June 2-6, 2012.
- 3) Yang Mo, Bhowmik D, **Essien EJ**, Abughosh S: Predictors of Smoking Cessation Medication Use among Obese and Non-obese Smokers. Abstract, The 7<sup>th</sup> Asian Conference of Pharmacoepidemiology. Bangalore, India. October 28, 2012.
- 4) Bhounsule P, **Abughosh S**, Essien J, Sansgiry S. Predictors of willingness to quit among the among the cohort of adults smokers in India. *Value in Health*, 15 (4), A60. Poster presented at the ISPOR 17th Annual International Meeting, Washington, DC, USA, June 2-6, 2012.
- 5) Wu I, Rajan S, Peters RJ, Essien EJ, **Abughosh S**. Waterpipe smoking among US university students: Predictors of an intention to quit. *Value in Health*, 15 (4), A53. Poster presented at the ISPOR 17th Annual International Meeting, Washington, DC, USA, June 2-6, 2012. Finalist for best poster.

- 6) Yang M, Yu Y, Rajan S, Essien EK, **Abughosh S**. Smoking cessation medication utilization pattern among adult smokers with different body weight levels - A NAMCS study. Value in Health, 15 (4), A107-108. Poster presented at the ISPOR 17th Annual International Meeting, Washington, DC, USA, June 2-6, 2012.
- 7) **Abughosh S**, Wu I, Peters RJ, Essien EJ. Ethnicity and waterpipe smoking among University of Houston students. Poster presented at the 12th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Nov 16, 2011. First place Best Poster Award for Patient safety.
- 8) Mhatre S, **Abughosh S**, Sherrer J, Sangsiry, S. Medication belief and relationship with physicians. Poster presented at the 12th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Nov 16, 2011.
- 9) Bhounsule P, **Abughosh S**, Essien EJ, Sangsiry S. Socio-demographic characteristics of adult cigarette smokers in India. Poster presented at the 12th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Nov 16, 2011.
- 10) Wu I, Hawari F, Crutchley R, Peters RJ, Essien EJ, **Abughosh S**. Predictors of intention to quit cigarette smoking among Jordanian adults. Poster presented at the 12th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Nov 16, 2011. Second place best poster presentation for patient safety.
- 11) Yang M, **Abughosh S**, Wu I, Sangsiry S, Hawari F, Peters RJ, Essien EJ. Waterpipe smoking among Jordanian adults: Predictors and correlates. Value in Health, 14 (3), A137-138. Poster presented at the ISPOR16th Annual International Meeting, Baltimore, MD, USA, May 21-25, 2011.
- 12) Wu IH, **Abughosh S**, Hawari FI, Peters RJ, Essien EJ, Yang M. Cigarette smoking among Jordanian adults: predictors and correlates. Value in Health, 14 (3), A137. Poster presented at the ISPOR16th Annual International Meeting, Baltimore, MD, USA, May 21-25, 2011.
- 13) Mehta HB, Patel J, Parikh R, **Abughosh S**. Predictors of obesity treatment (counseling or pharmacotherapy) in Ambulatory settings. Value in Health, 14 (3), A68. Poster presented at the ISPOR16th Annual International Meeting, Baltimore, MD, USA, May 21-25, 2011. Finalist for best poster.
- 14) Shah AJ, Patel JG, Rajan SS, **Abughosh S**, Masilamani S. Disparity in obesity management: under-treatment in elderly population. Value in Health, 14 (3), A69. Poster presented at the ISPOR16th Annual International Meeting, Baltimore, MD, USA, May 21-25, 2011.
- 15) Bhounsule P, **Abughosh S**. Predictors of the combined diagnosis on hyperlipidemia and hypertension, A NHANES 2007-2008 study. Value in Health, 14 (3), A34-35. Poster presented at the ISPOR16th Annual International Meeting, Baltimore, MD, USA, May 21-25, 2011.
- 16) Kadakia A, Mehta H, Rajan, **Abughosh S**. Does Clinical Diagnosis of obesity increase the likelihood of receiving obesity related counseling? A 2005-2008 NAMCS

&NHAMCS Analysis. Poster presented at the 11th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Dec 9, 2010. This poster won best poster presentation.

- 17) Shah AJ, Patel J, Rajan S, Masilamani S, **Abughosh S**. Quality of care among adults and elderly diagnosed with obesity. A 2006-08 analysis. Poster presented at the 11th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Dec 9, 2010.
- 18) Essien EJ, Mgbere O, Ekong E, **Abughosh S**, Monjok E. Correlates of HIV knowledge and Sexual behaviors among Female Military Personnel. The 16<sup>th</sup> International Symposium on HIV and Emerging Infectious Diseases. Marseille, France. March 24-26, 2010.
- 19) Patel HK, Goyal RK, Sangani D, **Abughosh S**. Predictors of Antihistamine prescription in the national ambulatory population with Allergic Rhinitis. Value in Health, 13 (3), A198. Poster presented at the ISPOR15th Annual International Meeting, Atlanta, GA, USA, May 15-19, 2010.
- 20) Mehta H, Parikh R, Patel J, **Abughosh S**. Predictors of Obesity Medication Use In Ambulatory Setting: NAMCS 2006-07 Analysis. Value in Health, 13 (3), A205. Poster presented at the ISPOR15th Annual International Meeting, Atlanta, GA, USA, May 15-19, 2010.
- 21) Patel J, Mehta H, Parikh R, **Abughosh S**. Disparity in the Management of Obesity in Ambulatory Setting: A NAMCS 2006-07 Analysis. Value in Health, 13 (3), A215. Poster presented at the ISPOR15th Annual International Meeting, Atlanta, GA, USA, May 15-19, 2010.
- 22) Patel AR, Bhattacharjee S, Tseng WU, Yang M, **Abughosh S**. Predictors of Statin use among diabetic overweight and obese U.S. adults: a NAMCS analysis. Value in Health, 13 (3), A56. Poster presented at the ISPOR15th Annual International Meeting, Atlanta, GA, USA, May 15-19, 2010.
- 23) Goyal RK, Sangani DN, Patel HK, **Abughosh SM**. Predictors of intranasal steroid prescription in the National Ambulatory population with allergic rhinitis. Presented at the 44th ASHP Mid-year clinical meeting & exhibition, Las Vegas, NV. December 6-10, 2009.
- 24) Parikh R, Patel J, I Mehta H, **Abughosh SM**. Disparity among physician groups for a prescription of obesity management: NAMCS 2006-07 analysis. Poster presented at the 10th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Dec 2, 2009.
- 25) Chatterjee S, Rao S, Palli, Seo J, **Abughosh SM**. Predictors of antipsychotic prescribing in US children and adolescents in outpatient setting: A NAMCS 2006 analysis. Poster presented at the 10th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Dec 2, 2009.
- 26) Patel J, Mehta H, Parikh R, **Abughosh SM**. Predictors in anti-obesity medication use in ambulatory setting for adults diagnosed with obesity: NAMCS 2006-07



analysis. Poster presented at the 10th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Dec 2, 2009. This poster won best poster presentation.

- 27) Bhattacharjee S, Patel A, Yang M, Tseng W, **Abughosh SM**. Predictors of statin use among overweight and obese adults in ambulatory care setting in the United States. Poster presented at the 10th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Dec 2, 2009.
- 28) Almogbel Y, **Abughosh S**, Almeman A, Sansgiry S. Predictors of willingness to quit smoking among a cohort of male college students in the Kingdom of Saudi Arabia. Poster presented at the ISPOR18th Annual International Meeting, New Orleans, LA, USA, May 18-22, 2013.
- 29) **Abughosh S**, Hawari F, Essien EJ, Peters RJ, Wu I. Beliefs in effectiveness of various smoking cessation interventions among Jordanian adult smokers. Poster presented at the ISPOR18th Annual International Meeting, New Orleans, LA, USA, May 18-22, 2013.
- 30) Wang X, **Abughosh S**. Racial and ethnic disparity in smoking cessation medication use among adult smokers in the United States. Poster presented at the ISPOR18th Annual International Meeting, New Orleans, LA, USA, May 18-22, 2013
- 31) Yang M, Chen H, Johnson M, Essien EJ, Peters RJ, **Abughosh S**. Comparative effectiveness of smoking cessation medications among obese smokers. Poster presented at the ISPOR18th Annual International Meeting, New Orleans, LA, USA, May 18-22, 2013
- 32) **Abughosh S** Yang M, Chen H, Johnson M, Essien EJ, Peters RJ. Comparison of risk of time to developing diabetes of smoking cessation medications among obese smokers. Poster presented at the ISPOR18th Annual International Meeting, New Orleans, LA, USA, May 18-22, 2013.
- 33) Pravin K, Aparasu R, Chen H, Johnson M, **Abughosh S**, aBhatara V. Cardiovascular safety of concurrent use of atypical antipsychotic agents and long acting stimulants in children and adolescents diagnosed with attention deficit/hyperactivity disorder. Poster presented at the ISPOR18th Annual International Meeting, New Orleans, LA, USA, May 18-22, 2013.
- 34) Pravin K, Aparasu R, Chen H, Johnson M, **Abughosh S**, aBhatara V. Impact of atypical antipsychotic use on the persistence of the stimulant treatment in children and adolescents with attention deficit/hyperactivity disorder. Poster presented at the ISPOR18th Annual International Meeting, New Orleans, LA, USA, May 18-22, 2013.

- 35) Pravin K, Aparasu R, Chen H, Johnson M, **Abughosh** S, aBhatara V. Concurrent stimulant and atypical antipsychotic use among medicaid children and adolescents with attention Poster presented at the ISPOR18th Annual International Meeting, New Orleans, LA, USA, May 18-22, 2013.

### **Honors/Awards**

- 2002- Rho Chi Pharmaceutical Honor Society for Excellence in Academics  
2004- Nominated for 2004 JMCP Award for Excellence in Writing  
2007- Sigma Delta Tau Outstanding Professors at Northeastern University  
2009- Best poster presentation, 10th Annual Health Services & Outcomes Research Conference Houston/TX  
2010- Best poster presentation, 11th Annual Health Services & Outcomes Research Conference Houston/TX  
2011- Finalist best poster presentation, ISPOR16th Annual meeting Baltimore, MD  
2011- Best poster presentation, 12th Annual Health Services & Outcomes Research Conference Houston/TX  
2012- Finalist best poster presentation, ISPOR17th Annual meeting Washington, DC

### **Invited presentations**

- 1) Waterpipe smoking among University of Houston Students: Predictors of an Intention to quit  
June/2011, Le Meridien, Amman Jordan  
The Regional Conference on tobacco Dependence Treatment  
Global Experience and Regional perspective
- 2) Overview of Pharmacoepidemiology: Brown University's Internal Medicine Residency Program at Memorial Hospital of RI  
May 2001, Brown University, Memorial Hospital of RI
- 3) Overview of Pharmacoeconomics:  
June, 2001 Brown University's Internal Medicine Residency Program at Memorial Hospital of RI

### **Other Experience and Professional Memberships**

- 2001- International Society for Pharmacoeconomics and Outcome Research (ISPOR)  
2002- Rho Chi Pharmaceutical Honor Society for Excellence in Academics  
2005- Reviewer for the American Journal of Managed Care.  
2006- Reviewer for the American Journal of Health-System Pharmacy  
2010- Reviewer for the Journal of Pharmaceutical Health Services Research  
2010- Reviewer for Nicotine and Tobacco research  
2011- Reviewer for International Journal for Quality in Health Care  
2011- Reviewer European Psychiatry  
2011- Reviewer for Journal of General Internal Medicine (JGIM)  
2011- Research Abstract Review Committee for the ISPOR 16<sup>th</sup> Annual International meeting

2011- Research Abstract Review Committee for the ISPOR 14<sup>th</sup> Annual European Congress  
2011- Editorial Consultant for Clinical Therapeutics  
2011- Editorial Board; Epidemiology: Current Research, OMICS Publishing group  
2011- Editorial Board; Journal of Clinical Trials: Current Research, OMICS Publishing group  
2012- Reviewer for Journal of Pharmaceutical Health Services Research  
2012- Reviewer for drug and Alcohol Dependence Journal  
2013- Reviewer for international Journal of public Health  
2013- American Thoracic Society (ATS)