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Education

- 1999-2003 PhD in Pharmacoepidemiology and Pharmacoconomics
Department of Applied Pharmaceutical Sciences
College of Pharmacy, University of Rhode Island
- 1991-1996 BS, Pharmacy
College of Pharmacy, University of Jordan

Positions and Employment

- 2017-present Associate Professor with Tenure
College of Pharmacy
Department of Pharmaceutical Health Outcomes and Policy
University of Houston
- 2010-present Assistant Professor
College of Pharmacy
Department of Pharmaceutical Health Outcomes and Policy
University of Houston
- 2008-2010 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
- 2003-2005 Postdoctoral Fellow
 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

Honors/Awards

- 2002 Award, Rho Chi Pharmaceutical Honor Society for Excellence in Academia
- 2004 Nominated, 2004 JMCP Award for Excellence in Writing
- 2007 Award, Sigma Delta Tau Outstanding Professor, Northeastern University
- 2009 Best Poster Award, 10th Annual Health Services & Outcomes Research Conference
- 2010 Best Poster Award, 11th Annual Health Services & Outcomes Research Conference
- 2011 Finalist Poster Award, 16th Annual ISPOR International Meeting
- 2011 Best Poster Award, 12th Annual Health Services & Outcomes Research Conference
- 2012 Finalist Poster Award, 17th Annual ISPOR International Meeting
- 2013 Best Poster Award, 14th Annual Health Services & Outcomes Research Conference
- 2015 Provost's Travel Award
- 2015 Student awarded 2015 ICPE Scholarship
- 2015 Finalist Poster Award, 20th Annual ISPOR International Meeting
- 2016 Two Finalist Poster Awards, 21st Annual ISPOR International Meeting
- 2016 Gold Medal Poster Award, Academy of Managed Care & Specialty Pharmacy Annual Meeting
- 2016 Two Bronze Medal Poster Awards, Academy of Managed Care & Specialty Pharmacy Annual Meeting
- 2016 Rho Chi Teaching Excellence Awards 2015/2016
- 2017 Bronze Medal Poster Award, Academy of Managed Care & Specialty Pharmacy Annual Meeting
- 2018 Platinum Medal Poster Award, Academy of Managed Care & Specialty Pharmacy Annual Meeting
- 2018 Top Rated poster Award, International Society of Thrombosis and Hemostasis Congress, Dublin, Ireland

2019	Best poster presentation at the Houston Medication Safety Symposium
2019	Student won GMaP Region 3 Registration award to 12st annual AACR conference on the science of cancer health disparities
2019	Rho Chi Teaching Excellence Awards 2018/2019
2019	Recognized among the highest quality reviewers for JMCP
2020	Student won 2020 Graduate Student Excellence Award
2020	Gold Medal Poster Award, Academy of Managed Care & Specialty Pharmacy Annual Meeting
2020	Bronze Medal Poster Award, Academy of Managed Care & Specialty Pharmacy Annual Meeting
2020	Student won AACR Scholar-in-Training Award for the AACR Virtual Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved
2021	Student received Cullen Graduate Student Success Fellowship (CGSSF)
2021	Student poster selected for AMCP webinar presentation "From Value to Patient Care: Innovative Practices within the Managed Care Pharmacy Research Agenda." AMCP
2021	Bronze Medal Poster Award, Academy of Managed Care & Specialty Pharmacy Nexus Annual Meeting

Publications

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

1. Majd Z, Mohan A, **Abughosh S***. Using Group-Based Trajectory Modeling to Characterize the Association of Past ACEIs/ARBs Adherence with Subsequent Statin Adherence Patterns among New Statin Users. *Journal of the American Pharmacists Association*, 2021. *In Press*
2. Varisco TJ, Abughosh SM, Chen H, Fleming ML, Ziedonis D, Thornton
Switching Pharmacies leads to gaps in medication possession in individuals treated with buprenorphine. JAPHA Online ahead of print.
<https://doi.org/10.1016/j.japh.2021.04.014>.
3. Mohan A, Vadhariya A, Majd Z, Esse TW, Serna O, **Abughosh S***. Impact of a motivational interviewing intervention targeting statins on adherence to concurrent hypertension or diabetes medications. *Patient education and counseling*.2021 Jan. PMID: 33402279.
<https://doi.org/10.1016/j.pec.2020.12.009>.

4. Earla JR, **Abughosh S**, Chen H. Association of the healthcare effectiveness data and information set (HEDIS) follow-up care measures and medication adherence among medicaid insured children with attention-deficit hyperactivity disorder (ADHD). *Journal of Attention Disorders*. 2021 Jan. PMID: 33435795. <https://doi.org/10.1177%2F1087054720986929>.
5. Payne R, Esse T, Qian J, Mohan A, Vadhariya A, Becho-Dominguez G, Serna O, Kim Villarreal K, **Abughosh S**. Evaluating Perceptions of Social Determinants of Health and Part D Star Performance of Medicare Advantage-Contracted Primary Care Providers Serving a South Texas Market. *Journal of Managed Care & Specialty Pharmacy*. 2021 May;27(5):544-553. <https://doi.org/10.18553/jmcp.2021.27.5.544>.
6. Essien Ek, Mgbere O, Iloanusi S, **Abughosh S**. (2021) Covid-19 Infection among people with HIV/AIDS in Africa: Knowledge gaps, public health preparedness and research priorities. *International Journal of Maternal and Child Health and Aids IJMA* 10, (1) 113-118. <https://doi.org/10.21106/ijma.461>.
7. Paranjpe R, Johnson ML, Essien E, Barner J, Serna O, Gallardo E, Majd Z, Fleming ML, Ordonez N, Holstad MM, **Abughosh S***. Group based trajectory modeling to identify patterns of adherence & its predictors among older adults on angiotensin converting enzyme inhibitors/angiotensin receptor blockers. *Patient Preference and Adherence* 2020:14, 1935-1947. PMID: 33116437. <https://doi.org/10.2147/PPA.S270809>
8. Vadhariya A, Paranjpe R, Fleming M, Johnson M, Essien E, Esse T, Serna O, Gallardo E, Bocklage S, Choi J, **Abughosh S***. Patient reported barriers to statin adherence: Excerpts from a motivational interviewing intervention in older adults. *Journal of the American Pharmacists Association*. 2020:61 (1), 60-67. PMID: 3303294. <https://doi.org/10.1016/j.japh.2020.09.002>.
9. Majd Z, Mohan A, Paranjpe R, **Abughosh S***. Identifying adherent patients to newly initiated statins using previous adherence to chronic medications. *Journal of Managed Care & Specialty Pharmacy*, 2021 Feb;27(2):186-197. PMID: 33506725. <https://doi.org/10.18553/jmcp.2021.27.2.186>
10. Paranjpe R, Vadhariya A, Choi J, Essien E, Esse T, Gallardo E, Serna O, **Abughosh S*** Evaluating trajectories of statin adherence after a motivational-interviewing intervention, *Journal of the American Pharmacists Association*, 2020 1;60(6):892-8. PMID: 32680781. <https://doi.org/10.1016/j.japh.2020.06.011>
11. Hwang G, Paranjpe R, Opsomer C, Lu K, Abajue U, **Abughosh S**, Zaghloul H, Trivedi M. Oral endocrine therapy agent, race/ethnicity, and time on therapy predict adherence in breast cancer patients in a large academic institution.

- Clinical Breast Cancer*, 2020 Dec, (6)520-526.PMID: 32669209.
<https://doi.org/10.1016/j.clbc.2020.06.004>
12. Wang X, Chen H, Essien E, Wu J, Serna O, Paranjpe R, **Abughosh S***. Cost effectiveness analysis of antihypertensive triple combination therapy among patients enrolled in a Medicare Advantage Plan (MAP). *Expert Review of Pharmacoeconomics & Outcomes Research*, 2020 Aug 1;18. PMID: 32703040.
<https://doi.org/10.1080/14737167.2020.1800457>
 13. Wang, X., Chen, H., Essien, E.J. Wu Jun, Serna O, Paranjape R, **Abughosh S.*** Risk of Cardiovascular Outcomes and Antihypertensive Triple Combination Therapy Among Elderly Patients with Hypertension Enrolled in a Medicare Advantage Plan (MAP). *Am J Cardiovasc Drugs*. 2020 Dec;20(6):591-602. doi: 10.1007/s40256-020-00395-0. PMID: 32043245.
<https://doi.org/10.1007/s40256-020-00395-0>.
 14. Hong M, Esse T, Vadhariya A, Gallardo, Fosshat M, MamvouJ, Bruce L, Serna O, **Abughosh S**. Evaluating success factors of a Medication Adherence Tracker pilot program in improving Part D medication adherence metrics in a Medicare Advantage Plan: importance of provider engagement. *JMCP*; 2020 May, 26(5):662-667. PMID: 32347173.
<https://doi.org/10.18553/jmcp.2020.26.5.662>
 15. **Abughosh S*** Vadhariya A, Johnson M, Essien E, Esse T, Serna O, Gallardo E, Boklage S, Choi J, Holstad M, Fleming M. Enhancing statin adherence using a motivational interviewing intervention customized by past adherence trajectories. *JMCP*. 2019 Oct;25(10):1053-1062. PMID: 31556824.
<https://doi.org/10.18553/jmcp.2019.25.10.1053>
 16. Fleming M, Driver L, Sansgiry S, **Abughosh, S**, Wanat, Varisco T, Pickard T, Reeve R, Todd K (2019) Drug Enforcement Administration Rescheduling of Hydrocodone Combination Products Is Associated With Changes in Physician Pain Management Prescribing Preferences, *Journal of Pain & Palliative Care Pharmacotherapy*, Mar-Jun 2019;33:1-2, 22-31. PMID: 31454279. DOI:
<https://doi.org/10.1080/15360288.2019.1615027>.
 17. Iloanusi S, Mgbere O, **Abughosh S**, Essien EJ. HIV Non-occupational Post Exposure Prophylaxis in Nigeria, A Review of Research Evidence and Practice. *International Journal of Maternal and child health and AIDS* 2019, 8, 2: 101-119. PMID: 31803532. <https://doi.org/10.21106/ijma.287>.
 18. Wanat M, Wang X, Paranjpe R, Chen H, Johnson M, Fleming M, Abughosh S. "Warfarin versus apixaban for non-valvular atrial fibrillation: a large national study and sub-analysis of patients on concurrent antiarrhythmic medications", *Research and Practice in Thrombosis and Haemostasis*. 2019 Oct;3(4):674-683. PMID: 31624787. <https://doi.org/10.1002/rth2.12221>.

19. Mohan A, Wanat M, **Abughosh S***. Medication taking behaviors in patients taking warfarin versus direct oral anticoagulants: A systematic review. *Expert Review of Cardiovascular Therapy*. 2019 June;17(6):427-434. PMID: 31100208. <https://doi.org/10.1080/14779072.2019.1620600>.
20. Wang X, Chen H, Essien EJ, Wu J, Serna O, Paranjpe R, **Abughosh S*** (2019) Medication adherence to antihypertensive triple combination therapy among patients enrolled in a Medicare advantage plan (MAP). *JMCP*; 2019 Jun;25(6):678-686.PMID:31134857. <https://doi.org/10.18553/jmcp.2019.25.6.678>.
21. Sossamon S, Esse T, Serna O, Vadhariya A, Rege S, Fleming M, **Abughosh**, Choi J. Awareness of the atherosclerotic cardiovascular disease risk estimator among primary care physicians in a Medicare advantage plan. *J Behav Health*, 2019; 8(2): 35-40. <https://dx.doi.org/10.5455/jbh.20180925070610>.
22. Vadhariya A, Fleming M, Johnson M, Essien, Serna O, Esse T, Choi J, Boklage S, **Abughosh S***. Group-Based Trajectory Models to Identify Sociodemographic and Clinical Predictors of Variable Statin Adherence Patterns among Patients Enrolled in a Medicare Advantage Plan. *American Health and Drug Benefits (AHDB)*, 2019 June;12 (4): 202-211. PMID: 31428238 PMCID: PMC6684050.
23. Almogbel Y, Xu Q, Sansgiry S, Essien EJ, Fleming ML, **Abughosh S**, Sansgiry S. Association between parental expectation, parenting stress, and parents' adherence intention to medication therapy for children with asthma. *Journal of the American College of Clinical Pharmacy*, 2019 June;2:666–673. <https://doi.org/10.1002/jac5.1112>.
24. Li Y, Mgbere O, **Abughosh S**, Chen H, Cuccaro P, Smesney A, Essien EJ. Assessment of sexually transmitted disease/HIV risk among young African Americans: Comparison of self-perceived and epidemiological risks utilizing ecodevelopmental theory. *Journal of HIV/AIDS -Research and Palliative Care*, 2019 Feb;11:1-14. PMID: 30863188. PMCID: PMC6388744. <https://doi.org/10.2147/HIV.S189482>.
25. Paranjpe R, Basatneh D, Tao G, De Angelis C, Noormohammed S, Ekinci E, **Abughosh S**, Ghose R, Trivedi MV. Neratinib in HER2-Positive Breast Cancer Patients. *Ann Pharmacother*, 2019 Jun;53(6):612-620. PMID: 30607980. <https://doi.org/10.1177%2F1060028018824088>.
26. Sansgiry S, Bhansali A, Serna O, Fleming M, **Abughosh S**, Stanford RH. Effect of coverage gap on healthcare utilization among Medicare beneficiaries with chronic obstructive pulmonary disorder. *Curr Med Res Opin*. 35 (2)321-328. <https://doi.org/10.1080/03007995.2018.1495622>.

27. Paranjpe R, John G, Trivedi M, **Abughosh S***. Identifying adherence barriers to oral endocrine therapy among breast cancer survivors. *Breast Cancer Res Treat*, 2019 Apr; 174(2):297-305. PMID: 30523459. <https://doi.org/10.1007/s10549-018-05073-z>.
28. Mann A, Esse TW, Serna O, Castel LD, **Abughosh SM**. Effectiveness of mailed letters to improve medication adherence among Medicare Advantage Plan participants with chronic conditions. *Patient Preference and Adherence*, 2018 Dec; 13:37-46. PMID: 30587942 PMCID: PMC6304824. <https://doi.org/10.2147/PPA.S185848>.
29. Wu I, Chen H, Bordnick P, Essien EJ, Johnson M, Peters RJ, Vadhariya A, **Abughosh S***. Comparative effectiveness of smoking cessation medications among schizophrenia patients. *Trends Journal of Sciences Research*, 2018, Volume 3, Issue 3, 104-115. <https://doi.org/10.31586/PharmaceuticalHealth.0303.01>.
30. Ekinci E, Nathoo,S, Korattiyi T, Vadhariya A, Zaghoul H, Niravath P, **Abughosh S**, Trivedi M. Interventions to improve endocrine therapy adherence in breast cancer survivors: what is the evidence? *Journal of Cancer Survivorship*, 2018 Jun;(3):348-356. PMID: 29396760. <https://doi.org/10.1007/s11764-017-0674-4>.
31. Li Y, Cuccaro P, Chen H, **Abughosh S**, Mehta P, Essien EJ. HIV-Related Sexual Decisions Made By African-American Adolescents Living in Different Family Structures: Study from an Ecodevelopmental Perspective. *Journal of HIV/AIDS -Research and Palliative Care*, 2018 Mar;10:19-13. PMID: 29576732. PMCID: PMC5851572. <https://doi.org/10.2147/HIV.S144594>.
32. **Abughosh SM***, Wang X, Serna O, Esse T, Mann A. Masilamani S, Holstad M, Essien J, Fleming M. A motivational interviewing intervention by pharmacy students to improve medication adherence. *JMCP*, 2017 May;23;(5):549-560. PMID: 28448784. <https://doi.org/10.18553/jmcp.2017.23.5.549>.
33. Wu IH, Chen H, Bordnick P, Essien EJ, Johnson M, Peters RJ, **Abughosh SM***. Comparison of Cardiovascular Risks following Smoking Cessation Treatments Using Varenicline vs. NRT among Schizophrenic Smokers. *Arch Psychiatr Ment Health*,2017 Oct;1: 001-010. <https://dx.doi.org/10.29328/journal.apmh.1001001>.
34. Li YH, Mgbere O, **Abughosh S**, Chen H, Cuccaro P, Essien J E. Modeling Ecodevelopmental Context of STDs/HIV Risk and Protective Behaviors among African American Adolescents. *HIV AIDS (Auckl)*, 2017 May;9: 119–135. PMID:28694710. <https://doi.org/10.2147/HIV.S130930>.

35. Vadhariya A, **Abughosh SM***. A Review of Patient Related Barriers to Statin Adherence. *J Epidemiol Public Health Rev*, 2017 Apr;2(3).
<http://dx.doi.org/10.16966/2471-8211.145>
36. Wu I, Chen H, Bordnick P, Essien EJ, Johnson M, Peters RJ, Wang X, **Abughosh S***. Comparison of suicide attempts/behaviors following smoking cessation treatments among Schizophrenic smokers. *Archives of Psychiatric Nursing*, 2017 Feb;31(1):62-67. PMID: 28104060.
<https://doi.org/10.1016/j.apnu.2016.08.001>.
37. Wang X, Chen H, Essien EJ, Yang M, **Abughosh S***. Predictors of a successful outcome among adult smokers in the United States. *J behave health*, 2016 Jan;6 (1) 4-15. <http://dx.doi.org/10.5455/jbh.20161107025953>.
38. Fleming ML, Driver L, Sansgiry SS, **Abughosh S**, Wanat M, Sawant RV, Ferries E, Reeve K, Todd KH. Physicians' intentions to prescribe hydrocodone combination products after rescheduling: A theory of reasoned action approach. *Research in Social and Administrative Pharmacy*, 2017 May-June;13(3), 503-512. PMID: 27567741 <https://doi.org/10.1016/j.sapharm.2016.07.001>.
39. **Abughosh SM***, Wang X MS, Serna O, Henges C, Masilamani S, Essien EJ, Chung N, Fleming M. A Pharmacist telephone intervention to identify adherence barriers and improve adherence among non-adherent patients with comorbid hypertension and diabetes in a Medicare Advantage Plan. *JMCP*, 2016 Jan; 22(1), 63-73. PMID: 27015053.
<https://doi.org/10.18553/jmcp.2016.22.1.63>.
40. Mann A, Esse T, **Abughosh S**, Serna O. Evaluating Pharmacist-written recommendations to providers in a Medicare Advantage Plan: Factors associated with provider acceptance. *JMCP*, 2016 Jan;22(1), 49-55. PMID: 27015051. <https://doi.org/10.18553/jmcp.2016.22.1.49>.
41. Yang M, Chen H, Johnson M, Chen H, Essien EK, Peters RJ, **Abughosh S***. Comparison of abstinence rate of smoking cessation medications among obese smokers. *Journal of behavioral health*, 2016 Jan;5(3): 95-104.
<http://dx.doi.org/10.5455/jbh.20160414103729>.
42. Obeidat NA, Ayub HS, Ammarin R, Tamimi B, Ghoneimat I, **Abughosh S**, Hawari FI. Smoking cessation support among oncology practitioners in a regional cancer center in the Middle East – improving a critical service for cancer care. *Oncologist*, 2016 Apr;21(4):503-5. PMID: 26961922.
<https://doi.org/10.1634/theoncologist.2015-0305>.
43. Yang M, Chen H, Johnson M, Chen H, Essien EK, Peters RJ, **Abughosh S***. Comparative effectiveness of smoking cessation medications to attenuate

- weight gain following cessation. *Substance Use and Misuse*, 2016;51(5), 586-597. PMID: 27007975. <https://doi.org/10.3109/10826084.2015.1126744>.
44. Almogbel, Y, **Abughosh, S**, Almeman, A, & Sansgiry, S. Factors associated with the willingness to quit smoking among a cohort of university students in the KSA. *Journal of Taibah University Medical Sciences*, 2016 April;11(2), 128-133. <https://doi.org/10.1016/j.jtumed.2016.01.004>.
 45. Athamneh L, Sansgiry S, Essien EJ, **Abughosh S***. Intention to quit waterpipe smoking among Arab Americans: Application of the theory of planned behavior. *J Ethn Subst Abuse*, Jan-Mar 2017;16(1):80-90. PMID: 26720395. <https://doi.org/10.1080/15332640.2015.1088423>.
 46. Yang M, Chen H, Johnson M, Chen H, Essien EK, Peters RJ, Wu I, **Abughosh S***. Comparison of diabetes risk following smoking cessation treatment using Varenicline vs. Bupropion among obese smokers. *Substance Use and Misuse*, 2015;50(13), 1628-37. PMID: 26595661. <https://doi.org/10.3109/10826084.2015.1023457>
 47. Jadav S, Rajan S, **Abughosh S**, Sansgiry S. The Role of Socio-Economic Status and Healthcare Access in Breast Cancer Screening Compliance among Hispanics. *Journal of Public Health Management & Practice*, Sep-Oct 2015; 21(5), 467–476. PMID: 25756197. <https://doi.org/10.1097/PHH.0000000000000235>.
 48. Wang X, Essien EJ, **Abughosh S***. Racial and ethnic disparity in smoking cessation medication use among adult smokers in the United States. *Journal of behavioral health*, 2015,4(3), 63-70.
 49. Dwibedi N, Sansgiry S, Johnson ML, **Abughosh S**, Essien, EJ, Mehta P. Parents' expectation to receive antibiotic prescriptions for children. *Journal of Human Behavior in the Social Environment*, 2015 April;25, 530-51. <https://doi.org/10.1080/10911359.2014.988319>.
 50. Athamneh L, Sansgiry S, Essien EJ, **Abughosh S***. Predictors of intention to quit waterpipe smoking: a survey of Arab Americans in Houston, Texas. *J. Addict*, 2015, 575479. PMID: 25821629. <https://doi.org/10.1155/2015/575479>.
 51. **Abughosh S***, Wu I, Wang X, Almogbel Y, Bhounsule P, Yang M, Hawari F, Essien EK, Peters RJ, Sansgiry S. Predictors of Cigarette Smoking across Five Countries: a Cross-sectional Study. *J Behav Health*, 2015;4(1), 7-13. <https://doi.org/10.5455/jbh.20150112013128>.
 52. Nweke GK, Essien EJ, **Abughosh S**, Pitman P, Adams J, Varkey D. Evaluation of Pharmacists' perspectives towards peer review and identification of opportunities for improvement. (2014) *TSHP Journal*, 15, 5-24.

53. Yang M, Mehta H, Bhowmik D, Essien E, **Abughosh S***. (Predictors of smoking cessation medication use among obese and non-obese smokers. *Substance Use and Misuse*, 2014 May;49(6), 752-61. PMID: 24494623. <https://doi.org/10.3109/10826084.2014.880121>.
54. Meshack A, Peters RJ, Lin M Hill M, **Abughosh S**, Savage C, Essien EJ. The beliefs of teenage male synthetic cannabinoid users: A qualitative Study. *American Journal of Health Studies*, 28 (3), 109.
55. Athamneh L, Al-Moghrabi M, Athamneh M, Ekere Essien, **Abughosh S***. Parents' knowledge, attitudes and beliefs of childhood fever management in Jordan. *Journal of Applied Research on Children*, 2014;5(1), Article 8.
56. Yu Y, Rajan S, Essien E, Yang M, **Abughosh S***. The relationship between obesity and prescription of smoking cessation medications. *Population Health Management*, 2014 June;17(3), 172-9. PMID: 24784163 . <https://doi.org/10.1089/pop.2013.0059>.
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59. Almogbel Y, **Abughosh S**, Almogbel F, Alhaidar I, Sansgiry S. Predictors of Smoking among Male College Students in the Kingdom of Saudi Arabia *EMHJ*, 2013 Nov;19(11), 909-914. PMID: 24673080
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61. Peters RJ, Meshack A, Lin M, **Abughosh S**. The social norms and beliefs of teenage male electronic cigarette use. *J Ethn Subst Abuse*, 2013;12, 300-307. PMID: 24215223. <https://doi.org/10.1080/15332640.2013.819310>.
62. Bhounsule P, **Abughosh S**, Essien J, Sansgiry S. Predictors of cigarette smoking behavior in a cohort of adults in India. *J Behav Health*, 2013,2(2), 105-111. <http://dx.doi.org/10.5455/jbh.20130115021517>.

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68. **Abughosh S***, Wu I, Peters RJ, Rajan S, Essien EJ. Waterpipe smoking among students in one US university: Predictors of an intention to quit. *Journal of American College Health*, 2012;60(7), 528-535. PMID: 23002801 <https://doi.org/10.1080/07448481.2012.718018>.
69. **Abughosh S***, Wu I, Peters RJ, Hawari F, Essien EJ. Ethnicity and waterpipe smoking among US Students. *The International Journal of Tuberculosis and Lung Disease*, 2012 Dec;16(11), 1551–1557. PMID: 23006908. <https://doi.org/10.5588/ijtld.12.0152>.
70. Mgbere O, Monjok E, **Abughosh S**, Ekong E, Holstad M, Essien EJ. Modeling covariates of self-perceived and epidemiologic notions of risk for acquiring STIs/HIV among military personnel: A comparative analysis. *AIDS and Behavior*, 2013(3), 1159-75. PMID: 22271332. <http://dx.doi.org/10.1007/s10461-011-0126-5>.
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79. **Abughosh S***, Kogut S. Comparison of persistence rates of acetylcholinesterase inhibitors in a state Medicaid program. *Patient Preference and Adherence*, 2008;2, 79-85. <https://doi.org/10.2147/PPA.S2652>.
80. Kogut S, El-Maoche D, **Abughosh S**. Decreased persistence to cholinesterase inhibitor therapy with concomitant use of drugs that can impair cognition. *Pharmacotherapy*, 2005 Dec;25(12), 1729-35. PMID: 16305292. <https://doi.org/10.1592/phco.2005.25.12.1729>.
81. **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 Sept-Oct;10(5), 404-11. PMID: 15369423. <https://doi.org/10.18553/jmcp.2004.10.5.404>.

Manuscripts Under Review/ Preparation for Submission

1. Gohil SM, Majd Z, Sheneman JC, **Abughosh S***. Interventions to improve medication adherence in Inflammatory Bowel Disease: A systematic review. Patient Education and Counseling. 2021 (Under review).
2. Paranjpe R, Chen H, Johnson ML, BirtcherK, Serna O, **Abughosh S*** Examining Adherence to Concomitant Diabetes, Hypertension, and Hyperlipidemia Treatments Among Elderly Patients Enrolled in a Medicare Advantage Plan".
3. Paranjpe R, Chen H, Johnson ML, BirtcherK, Serna O, **Abughosh S*** Evaluating Adherence to Concomitant Diabetes, Hypertension, and Hyperlipidemia Treatments and Intermediate Outcomes Among Elderly Patients Using Marginal Structural Modeling.
4. Paranjpe R, Chen H, Johnson ML, BirtcherK, Serna O, **Abughosh S***. Evaluating Adherence to Concomitant Diabetes, Hypertension, and Hyperlipidemia Treatments and Cardiovascular Outcomes Among Elderly Patients Using Marginal Structural Modeling.
5. Mohan A, Majd Z, **Abughosh SM***. Persistence to warfarin or direct oral anticoagulants among patients with Atrial Fibrillation and comorbid hypertension, diabetes, and hyperlipidemia
6. Mohan A, Abdo MB, **Abughosh SM***. The social determinants of health among patients with Atrial Fibrillation
7. Vadhariya A, Sharma M, **Abughosh SM**, Birtcher KK, Chen H, Mohan A, Johnson ML. Patterns of lipid lowering therapy use among older adults in a Managed Care Advantage Plan in United States
8. Bapat SS, Tata V, Fleming ML, **Abughosh S**, Essien J, Washburn M, Thornton JD. The importance of using a whole patient approach in the treatment of patients with Opioid Use Disorder: A Qualitative Study.
9. Bapat SS, Fleming ML, **Abughosh S**, Essien J, Washburn M, Thornton JD. Providers' Intention to Prescribe Buprenorphine for Opioid Use Disorder.
10. Chikermane SG, Trivedi MV, Sharma M, **Abughosh SM**, Aparasu RR, Johnson ML Dose-Dependent Relation Between Metformin And The Risk Of Hormone Receptor-Positive, HER2-Negative Breast Cancer Among Postmenopausal Women With Type-2 Diabetes.
11. Chikermane SG, **Abughosh SM**, Sharma M, Trivedi MV, Aparasu RR, Johnson ML. Association Between Adherence To Metformin And The Risk

- Of Hormone Receptor-Positive, Her2-Negative Breast Cancer Among Postmenopausal Women With Type-2 Diabetes.
12. Low EV, M. Fisher-Hoch SP, Bauer CC, Lee M, McCormic JB Olvera R, **Abughosh S**, Essien EJ, Chen H
Overweight and Obesity in Children and Adolescents living on the Texas-Mexico Border.
 13. Low EV, Lee M , Baue C, Fisher-Hoch SP, McCormick JB, **Abughosh S**, Essien EJ, Chen H Social Environment and Mental Health among Mexican American Children and Adolescents Living on the Texas-Mexico Border.

Conference Presentations/ Published Abstracts

Podium Presentation

1. Bapat SS, Tata V, Fleming M, **Abughosh S**, Essien Ekere, Washburn M, Thornton JD. Investigating prescriber beliefs regarding buprenorphine in outpatient settings: A qualitative study . Oral presentation at APHA's 2020 VIRTUAL Annual Meeting and Expo. Oct 2020.
2. Chikermane S, Nguyen Mk, Esse T, **Abughosh S**. Examining the Association Between Provider Outreach and Patients' Statin Refill Behavior for Patients within A Medicare Advantage With Prescription Drug (MAPD) Coverage Population. Presented at ISPOR Annual International Meeting . May 2019. <https://doi.org/10.1016/j.jval.2019.04.010>.
3. Hong M, Esse T, Vadhariya A, Gallardo E, Serna O, **Abughosh S**. Evaluating the Impact of Primary Care Physician (PCP) Intervention on Paid Pharmacy Claims Using a Medication Adherence Tracker (MAT) in a Medicare Advantage Plan (MAP). Podium session presented at AMCP Managed Care and Specialty Pharmacy Annual Meeting. April 2018.
4. Vadhariya A, Divyan C, **Abughosh S**. The intention to use e-cigarettes and its association with cigarette smoking intention and habits among US youth. Presented at 2016 Southern Pharmacy Administration Conference. June 2016.
5. Yang M, Wang X, Chen H, Johnson M, Essien EJ, Peters RJ, **Abughosh S**. Comparative effectiveness of smoking cessation medications to attenuate weight gain following cessation. VPresented at ISPOR Annual International Meeting. May 2014. <https://doi.org/10.1016/j.jval.2014.03.010>.

Poster Presentations

1. Majd Z, Mohan A, Johnson ML, Essien EJ, Barner JC, Serna O, Gallardo E, Fleming ML, Ordonez N, Holstad MM, **Abughosh SM**. Understanding Barriers to Adherence Among ACEI/ARB Users from A Motivational Interviewing Telephonic Intervention. To be presented, AMCP Nexus, October 2021, Denver CO. Bronze Medal Award
2. Chikermane SG, **Abughosh S**, Sharma M, Trivedi MV, Aparasu RR, Johnson ML. Chemoprotective effect of metformin against HR+/HER2-breast cancer among women with type-2 diabetes. Poster presented at ASCO Annual Meeting. June 2021.
3. Laxa SS, Esse T, Mohan A, Serna O, **Abughosh S**. Using a Teleassessment to Evaluate Predictors of Medication Adherence in a Medicare Advantage Plan (MAP) Population. Poster presented at American College of Clinical Pharmacy Virtual Poster Symposium. May 2021.
4. Majd Z, Mohan A, Serna O, **Abughosh S**. Using Group-Based Trajectory Modeling (GBTM) to Characterize the Association of Past ACEI/ARBs Adherence Trajectories with Subsequent Statin Adherence Trajectories among New Statin Users. Poster presented at ISPOR 26th Annual International Virtual Meeting. May 2021.
5. Mohan A, Majd Z, Paranjpe R, Vadhariya A, Omar Serna, **Abughosh S**. Persistence to warfarin among patients with atrial fibrillation and comorbid hypertension, diabetes, and hyperlipidemia. Poster presented at ISPOR 26th Annual International Virtual Meeting. May 2021
6. Mohan A, Majd Z, Paranjpe R, Vadhariya A, Omar Serna, **Abughosh S**. To evaluate the medication persistence of direct oral anticoagulants among patients with atrial fibrillation, hypertension, diabetes, and hyperlipidemia. Poster presented at ISPOR 26th Annual International Virtual Meeting. May 2021.
7. Chikermane SG, Trivedi MV, Sharma M, **Abughosh S**, Aparasu RR, Johnson . Dose-Dependent Relation between Metformin and the Risk of Hormone Receptor-Positive, HER2-Negative (HR+/HER2-) Breast Cancer Among Postmenopausal Women with Type-2 Diabetes. Poster presented at ISPOR 26th Annual International Virtual Meeting. May 2021.
8. King A, Mohan A, Rayo-Ramirez G, Ebeid A, Schwartz J, **Abughosh S**. Assessing barriers to medication adherence among underserved patients with chronic illness. Presented at AMCP virtual meeting. April 2021.

9. Laxa S.L.S, Esse T, Mohan A, Serna O, **Abughosh S**. Evaluating social predictors of medication adherence and health outcomes in patients within a Medicare Advantage Plan (MAP). Presented at AMCP virtual meeting. April 2021
10. Ahn B, Esse T, Majd Z, Mohan A, Medvedovski B, Serna O, **Abughosh S**. Evaluating Social Determinants of Health (SDoH) in Medicare Advantage (MA) Persons with Diabetes and the Impact on Medication Adherence. Presented at AMCP virtual meeting. April 2021.
11. Bapat SS, Fleming ML, Abughosh S, Essien J, Washburn M, Thornton JD. Inclusion of Background Variables of the Theory of Planned Behavior to Predict Provider Intention to Prescribe Buprenorphine. Poster to be presented ISPOR 26th Annual International Virtual Meeting. May 2021.
12. Varisco TJ, **Abughosh S**, Chen H, Fleming ML, Ziedonis D, Thornton D. Changes in pharmacy are associated with disruptions in buprenorphine pharmacotherapy. Presented at American Society for Addiction Medicine Annual Meeting and Exposition. April 2021.
13. Majd Z, Mohan A, Paranjpe R, Vadhariya A, **Abughosh S**. Predicting Future Adherence to Statins Using Previous Adherence to Antihypertensive Drugs. Presented at AMCP Nexus 2020. Oct 2020. Bronze Medal Award.
14. Mohan A, Vadhariya A, Majd Z, Esse TW, Serna O, **Abughosh S**. Impact of Motivational Interviewing Intervention in Texas Medicare Advantage Patients with Hypertension. Presented at AMCP Nexus 2020. Oct 2020. Gold Medal Award.
15. Mohan A, Paranjpe R, Hwang G, Opsomer C, Lu K, Abajue U, Zagloul H, **Abughosh S**, Trivedi M. Evaluating medication adherence and its predictors among breast cancer survivors on oral endocrine therapy in a large academic medical center. Presented at 12th AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. June 2020. <https://doi.org/10.1158/1538-7755.DISP19-A138>. AACR Scholar in-Training Award.
16. Gohil SM, Majd Z, Sheneman JC, **Abughosh S**. Interventions to Improve Medication Adherence in Patients with Inflammatory Bowel Disease: A Systematic Review. Presented at 36th International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE), Berlin, Germany. Sept 2020
17. Payne R, Esse T, Walters K, Mohan A, Vadhariya A, Becho-Dominguez G, Serna O, Villarreal K, **Abughosh S**. Evaluating perceptions of social

- determinants of health and Part D Star performance of Medicare Advantage-contracted primary care physicians serving a south Texas market. Presented at ACCP Annual Meeting. Oct 2020
18. Gin M, Esse T, Paranjpe R, Majd Z, Oviedo O, Olivarez O, Serna O, **Abughosh S**. Using a Mixed Model to Evaluate Clinical Outcomes of a Diabetes Self-Management Education and Support (DSMES) Service in a Medicare Advantage Prescription Drug Coverage (MAPD) Type II Diabetes Population. Presented at AMCP Annual Meeting. April 2020.
 19. Payne R, Esse T, Mohan A, Walters K, Vadhariya A, Becho-Dominguez B, Serna O, Villarreal K, **Abughosh SM**. Evaluating Perceptions of Social Determinants of Health and Part D Star Performance of Medicare Advantage Contracted Primary Care Physicians Serving a South Texas Market. Presented at AMCP Annual Meeting. April 2020.
 20. Mohan A, Vadhariya A., Majd Z, Esse TW, Serna O, **Abughosh S**. Impact of Motivational Interviewing Intervention in Texas Medicare Advantage Patients with Diabetes Mellitus. Presented at AMCP Annual Meeting. April 2020.
 21. Paranjpe R, Fleming M, Johnson ML, Essien EJ, Barner J, Serna O, Gallardo E, Ordonez N, Holstad MM, **Abughosh S**. Identifying adherence trajectories to angiotensin converting enzyme inhibitors/angiotensin receptor blockers among patients with comorbid diabetes & hypertension enrolled in a Medicare Advantage Plan (MAP). Presented at AMCP Annual Meeting. April 2020.
 22. Earla JR, **Abughosh S**, Chen H. Racioethnic and provider specialty differences in adherence trajectories among Medicaid insured children with Attention Deficit Hyperactivity Disorder (ADHD). Presented at 35th International Conference on Pharmacoepidemiology & Therapeutic Risk Management. August 2019.
 23. Paranjpe R, Vadhariya A, **Abughosh S**. Evaluating intervention trajectories of statin adherence following a motivational-interviewing intervention customized by past adherence trajectories to improve statin adherence. Presented at ISPOR 2019 Annual International Meeting .May 2019. <https://doi.org/10.1016/j.jval.2019.04.668>.
 24. Wang X, Chen H, Essien EJ, Wu J, Serna O, Paranjpe R, **Abughosh S**. Risk of cardiovascular outcomes and antihypertensive triple combination therapy among patients enrolled in a Medicare Advantage Plan (MAP). Presented at ISPOR 2019 Annual International Meeting. May 2019. <https://doi.org/10.1016/j.jval.2019.04.449>.

25. Mohan A, **Abughosh S**, Wanat M. Medication Taking Behaviors In Patients Taking Warfarin Versus Direct Oral Anticoagulants: A Systematic Review. Presented at ISPOR 2019 Annual International Meeting. May 2019. <https://doi.org/10.1016/j.jval.2019.04.1259>.
26. Mohan A, Zainab A, Modi R, Fatima S, **Abughosh S**. Predictors of Delirium Among Cardiovascular Surgical Intensive Care Unit Patients At Debakey Heart Center. Presented at ISPOR 2019 Annual International Meeting. May 2019. <https://doi.org/10.1016/j.jval.2019.04.1319>.
27. Iloanusi S, Mgbere O, **Abughosh S**, Essien EJ. HIV Non-Occupational Post Exposure Prophylaxis in Nigeria: A Review of Research Studies and Implications for Policy and Practice. Presented at ISPOR 2019 Annual International Meeting. May 2019. <https://doi.org/10.1016/j.jval.2019.04.942>.
28. Lu K, Opsomer C, Abajue U, Hwang G, Paranjpe R, Zaghloul H, **Abughosh S**, Trivedi M. Medication adherence of oral endocrine therapy in breast cancer patients in a large academic medical center. Presented at Houston 2019 Medication Safety Symposium. April 2019. Best Poster Presentation Award.
29. Villanueva E, Wanat M, **Abughosh S**, Carbajal S, Egwim O. Evaluating the Efficacy of Motivational Interviewing on Enhancing Medication Adherence for Heart Failure Patients at An Academic Health System. Presented at Alcalde Southwest Leadership Conference, Frisco, Texas. April 2019.
30. **Abughosh SM**, Vadhariya A, Franklin H, Serna O, Zamil H, Chen H. Medication regimen after hospitalization for hepatic encephalopathy (HE) and its impact on hospital readmissions in Medicare beneficiaries. Presented at the AMCP Annual Meeting. March 2019.
31. Fosshat M, Esse TW, Vadhariya A, Becho-Dominguez G, Serna O, **Abughosh S**, Hong M, Franklin A. Evaluating the effect of a Medication Adherence Tracker (MAT) on adherence and the implications on hga1c among patients with diabetes. Presented at AMCP Annual Meeting. March 2019.
32. Mamvou J, Esse TW, Vadhariya A, Serna O, **Abughosh S**. Evaluating the impact of a diabetes self-management education and support service on medication adherence and glycemic control within a Texas Medicare Advantage population. Presented at AMCP Annual Meeting. March 2019.

33. Nguyen MK, Esse T, Vadhariya A, Gallardo E, Serna O, **Abughosh S**. Examining Primary Care Physician Participation with a Medication Adherence Tracker and Patient Adherence Outcomes within a Medicare Advantage Plan. Presented at AMCP Nexus Annual Meeting. October 2018.
34. Nguyen M, Esse T, Paranjpe R, Franklin A, Serna O, **Abughosh S**. Examining Pneumonia Risk Following New Use of Inhaled Corticosteroids (ICS) after a Chronic Obstructive Pulmonary Disease (COPD) Exacerbation Event within a Medicare Advantage (MA) Population. Presented at AMCP Nexus Annual Meeting. October 2018.
35. Nguyen M, Esse T, Vadhariya A, Gallardo E, Serna O, **Abughosh S**. Examining Primary Care Physician (PCP) Compliance with an Innovative Medication Adherence Tracker (MAT) and Patient Adherence Outcomes within a Medicare Advantage with Prescription Drug Coverage (MAPD) Population. Presented at AMCP Nexus Annual Meeting. October 2018.
36. Vadhariya A, Fleming M, Johnson M, Essien E, Esse T, Serna O, Gallardo E, Boklage S, Choi J, **Abughosh S**, Holstad M.A Motivational Interviewing Intervention Customized by Previous Adherence Trajectories to Enhance Statin Medication Adherence in a Medicare Advantage Population. Presented at AMCP Nexus Annual Meeting. October 2018.
37. Rutugandha Paranjpe, Aisha Vadhariya, Marc Fleming, Micheal Johnson, Ekere Essien, Tara Esse, Omar Serna, Esteban Gallardo, Susan Bocklage, Jeannie Choi, **Abughosh S**. Patient-Reported Barriers to and Strategies for Improving Patient Adherence: Excerpts From a Motivational Interviewing (MoInt) Intervention Among Patients Enrolled in a Medicare Advantage Plan (MAP). Presented at AMCP Nexus Annual Meeting. October 2018.
38. Pauline Nguyen, Rutugandha Paranjpe, Esteban Gallardo, Omar Serna, **Abughosh S**. Evaluating utilization and adherence of varying levels of statin intensity in a cohort of Medicare Advantage patients with diabetes. Presented at ASHP Midyear Clinical Meeting and Exhibition. December 2018.
39. Nils Tran, Rutugandha Paranjpe, Esteban Gallardo, Omar Serna, **Abughosh S**. Examining metformin adherence 2017 and discontinuation in 2018. Presented at ASHP Midyear Clinical Meeting and Exhibition. December 2018.
40. Wanat M, Wang, X, **Abughosh S**, Chen H, Johnson M, Fleming M. Risk of thrombosis and bleeding in patients treated with warfarin or apixaban for non-valvular atrial fibrillation: a large, national, retrospective study. Presented at 64th Annual Scientific and Standardization Committee Meeting

of the International Society on Thrombosis and Haemostasis. 2018 July, Dublin, Ireland. Poster won Young investigator Grant Award, Top Rated Poster Award.

<https://doi.org/10.13140/RG.2.2.22178.07360>.

41. Wang X, Chen H, Serna O, Paranjpe R, **Abughosh S**. Medication adherence to antihypertensive triple combination therapy among patients enrolled in a Medicare advantage plan. Presented at ISPOR 2018 Annual International Meeting. May 2018.
42. Paranjpe R, Trivedi, M, **Abughosh S**. Identifying adherence barriers to oral endocrine therapy (OET) among breast cancer patients. Presented at ISPOR 2019 Annual International Meeting. May 2019. <https://doi.org/10.1016/j.jval.2018.04.293>.
43. Hong M, Esse T, Vadhariya A, Gallardo E, Serna O, **Abughosh S**. Evaluating the Impact of Primary Care Physician (PCP) Intervention on Paid Pharmacy Claims Using a Medication Adherence Tracker (MAT) in a Medicare Advantage Plan (MAP). Presented at AMCP Managed Care and Specialty Pharmacy Annual Meeting. April 2018 . Platinum Medal Award.
44. Asadi A, Fleming M, **Abughosh S**. A Motivational Interviewing Elective for Pharmacy Students: a Student Perspective. Presented at AMCP Managed Care and Specialty Pharmacy Annual Meeting. April 2018.
45. Paranjpe R, Trivedi M, **Abughosh S**. Adherence barriers to oral endocrine therapy (OET) among breast cancer patients. Presented at Graduate Research and Scholarship Projects Day (GRASP). November 2017.
46. **Abughosh S**, Wang X, Serna O, Esse T, Mann A, Fleming ML. A motivational interviewing (MI) intervention by pharmacy students to prevent medication discontinuation. Presented at ISPOR 22nd Annual International Meeting. May 2017.
47. **Abughosh S**, Fleming ML, Johnson ML, Essien EJ, Esse T, Serna O, Vadhariya A, Choi J, Boklage S. Using group based trajectory models to characterize statin medication adherence patterns among patients enrolled in a Medicare Advantage Plan (MAP). Presented at ISPOR 22nd Annual International Meeting. May 2017.
48. Li YH, Mehta P, Chen H, **Abughosh S**, Cuccaro P, Essien EJ. Longitudinal behavior change and risks of sexually transmitted disease infections/human immunodeficiency virus infection among young African Americans: a latent transition analysis. Presented at ISPOR 22nd Annual International Meeting. May 2017.

49. Li YH, Chen H, **Abughosh S**, Cuccaro P, Mehta P, Essien EJ. The influence of social determinants and family structure on sexual behaviors among adolescents from an Ecodevelopmental perspective. Presented at ISPOR 22nd Annual International Meeting. May 2017.
50. Fleming M, **Abughosh S**, Rege S, Johnson M, Serna O, Esse T, Choi J. Physician Adherence to the 2013 ACC/AHA Statin Therapy Guideline Among Medicare Advantage Plan Providers. Presented at Academy of Managed Care Pharmacy Nexus. October 2017.
51. **Abughosh SM**, Wang X, Serna O, PharmD, Esse T, VadhariyaA, MannA, Fleming **Abughosh S**, Wang X, Serna O, Esse T, Vadhariya A, Mann A, Fleming ML. A motivational interviewing (MI) intervention by pharmacy students to improve medication adherence. Presented at AMCP Managed Care & Specialty Pharmacy Annual Meeting. March 2017.
52. Nejara S, Esse T, Serna O, Rege S, Vadhariya A Fleming M, **Abughosh S**. Awareness of ASCVD risk estimator among primary care physicians in a Medicare advantage plan (MAP). Presented at the AMCP Managed Care & Specialty Pharmacy Annual Meeting. March 2017.
53. Adodo B, Esse T, Serna O, Wang X, **Abughosh S**. Medicare Advantage Patient Perceptions of A Diabetes Self-Management Program. Presented at AMCP Managed Care & Specialty Pharmacy Annual Meeting. March 2017. Poster won Bronze Medal Award
54. Fleming ML, **Abughosh S**, Choi J, Serna O, Esse TW, Gallardo E, Rege SA, Qualitative Analysis of Barriers to Statin Medication Adherence. Presented at American Pharmacists Association Annual Meeting. March 2017.
55. Hong M, Loe B, Wang X, Gallardo E, Serna O, Kwatra S, Mann A, Raha B, **Abughosh S**. Descriptive analysis of patients in a Medicare advantage plan approved for anti-diabetic patient assistance programs (PAPs). Presented at 51st American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition. December 2016.
56. Loe B, Hong M, Gallardo E, Serna O, Wang X, Kwatra S, Mann A, **Abughosh S**. Improvement in glycemic control among patients approved for an anti-diabetic patient assistance program in a Medicare advantage plan. Presented in the 51st American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition. December 2016.
57. **Abughosh S**, Xin Wang, Omar Serna, Tara Esse, Marc Fleming. Feasibility of a phone-based motivational interviewing (MI) intervention to improve medication adherence by Pharmacy Students on advanced pharmacy

- practice experience (APPE) rotation in a Medicare Advantage with Prescription Drug Plan (MAPDP). Presented at ISPOR Annual International Meeting. May 2016.
58. Wang X, **Abughosh S**. Cost effectiveness analysis of antihypertensive combination therapy among patients with moderate to severe hypertension. Presented at ISPOR 21st Annual International Meeting. May 2016.
 59. Wang X, Wu I, Chen H, Bordnick P, Essien EJ, Johnson M, Peters RJ, **Abughosh S**. Comparison of cardiovascular risks following smoking cessation treatments using Varenicline vs. NRT among schizophrenic smokers. Presented at ISPOR 21st Annual International Meeting. May 2016. Finalist Poster Award. <https://doi.org/10.1016/j.jval.2016.03.1387>.
 60. Wang X, Wu I, Chen H, Bordnick P, Essien EJ, Johnson M, Peters RJ, **Abughosh S**. Comparison of suicide attempts/behaviors following smoking cessation treatments among schizophrenic smokers. Presented at ISPOR 21st Annual International Meeting. May 2016.
 61. Bui N, Mann A, Esse T, Wang X, Serna O, **Abughosh S**. Carisoprodol Prescribing among Elderly Patients Enrolled in a Medicare Advantage Plan: A cross sectional study. Presented at ACCP Virtual Poster Symposium. May 2016.
 62. Romero B, Raha B, Esse T, Serna O, Wang X, **Abughosh S**. Examination of physician preference regarding mode of e-newsletter communication: A sub-analysis of a physician survey within a medicare advantage plan regarding PCP e-newsletters. Presented at AMCP. April 2016.
 63. Mann A, Esse T, Serna O, Wang X, **Abughosh S**. Impact of mailed letters on medication adherence in a Medicare Advantage Plan. Presented at AMCP Annual Meeting. April 2016. Poster won Bronze Medal Award.
 64. Jadav B, Esse T, Serna O, Wang X, **Abughosh S**. Primary care physician perception of an e-newsletter within a Medicare Advantage Plan. Presented at AMCP Annual Meeting. April 2016. Poster won Bronze Medal Award.
 65. Wang X, Wu I, Chen H, Bordnick P, Essien EJ, Johnson M, Peters RJ, **Abughosh S**. Comparative effectiveness of smoking cessation medications among schizophrenic smokers. Presented at ISPOR 21st Annual International Meeting. May 2016. <https://doi.org/10.1016/j.jval.2016.03.477>.
 66. Mgbere O, Li Y, **Abughosh S**, Essien EJ. The role of ecological factors on self-perceived and epidemiologic contexts of HIV/STDs risk among African American adolescents. Presented at American Public Health Association Annual Meeting & Expo. October 2016.

67. Sansgiry S, Bhansali A, Serna O, Fleming, M, **Abughosh S**, Kamdar M, Stanford R. Factors affecting prescription drug coverage gap among COPD patients: Analysis of time to coverage gap. Presented at AMCP Annual Meeting. April 2016. Poster won Gold Medal Award.
68. Fleming ML, Driver L, Sansgiry SS, Sawant RV, **Abughosh S**, Wanat M, Pickard T, Reeve K, Todd KH. Impact of hydrocodone rescheduling on Texas physicians' future pain management. Presented at ISPOR 21st Annual International Meeting. May 2016.
<https://doi.org/10.1016/j.jval.2016.03.1037>
69. Li Y, Mgbere O, Essien EJ, **Abughosh S**, Chen H Cuccaro P. Modeling ecodevelopmental context of STDs/HIV risk and protective behaviors among African American adolescents. Presented at ISPOR 21st Annual International Meeting. May 2016. Finalist Poster Award.
<https://doi.org/10.1016/j.jval.2016.03.1793>.
70. Patel J, Dalal A, Stanford S, Aparasu R, **Abughosh S**, Johnson M. Using readily available administrative data elements to predict future medication non-adherence among COPD patients with employer-sponsored insurance. Presented at ISPOR 21st Annual International Meeting. May 2016.
<https://doi.org/10.1016/j.jval.2016.03.1783>.
71. Bhansali A, Sansgiry S, Serna O, Fleming, M, **Abughosh S**, Kamdar M. Assessment of Medicare Advantage Prescription drug coverage gap among COPD patients: Analysis of hospitalization use. Presented at ISPOR 21st Annual International Meeting. May 2016.
72. Patel J, Dalal A, Stanford S, Aparasu R, **Abughosh S**, Johnson M. Patient-centered outcomes associated with initial maintenance therapy use behavior among chronic obstructive pulmonary disease patients with employer sponsored insurance. Presented at ISPOR 21st Annual International Meeting. May 2016. <https://doi.org/10.1016/j.jval.2016.03.480>.
73. Li Y, Mgbere O, Essien EJ, **Abughosh S**, Chen H Cuccaro P. Ecodevelopmentally Based study of epidemiological and self-perceived indices of HIV risk among young African Americans: A comparative analysis. Presented at ISPOR 21st Annual International Meeting. May 2016.
74. Fleming ML, Driver L, Sansgiry SS, Sawant RV, **Abughosh S**, Wanat M, Pickard T, Reeve K, Todd KH. Predicting Texas physicians' intention to prescribe hydrocodone combination products after rescheduling. Impact of Hydrocodone Rescheduling on Texas Physicians' Future Pain Management. Presented at ISPOR 21st Annual International Meeting. May 2016.
<https://doi.org/10.13140/RG.2.2.10643.73769>.
75. Tran R, **Abughosh S**, Giwa K, Pidcock K. Pharmacy student led motivational

- interview in hospitalized patients: A pilot study of feasibility. Presented at Midwest Pharmacy Residency Conference Platform. May 2016.
76. **Abughosh S**, Masilamani K, Li Y, Esse T, Mann A, Raha B, Serna O. Adherence barriers identified by a motivational interviewing pharmacy-student intervention among Medicare Advantage Plan (MAP) Patients. Presented at AACP Annual Meeting. July 2016.
 77. Tran R, **Abughosh S**, Giwa K, Pidcock K. Development, implementation, and evaluation of student pharmacist-led motivation interview intervention in patients with hypertension and poor medication adherence. Presented at the UHC Resident Poster Session. December 2015.
 78. Bui AQ, Esse TW, Serna O, **Abughosh S**. Feasibility of motivational interviewing (MI) training for pharmacy students on Advanced Pharmacy Practice Experience (APPE) rotations in a Medicare Advantage with Prescription Drug Plan (MAPDP) setting. Presented at ASHP Mid-Year Clinical Meeting. December 2015.
 79. **Abughosh S**, Wang X, Serna O, Henges C, Essien EJ, Masilamani S, Fleming M. Impact of a pharmacist telephone intervention on medication adherence among hypertensive patients with diabetes in a Medicare Advantage Plan. Presented at ISPOR 20th Annual International Meeting. May 2015. <https://doi.org/10.1016/j.jval.2015.03.373>.
 80. Wang X, Serna O, Henges C, Essien EJ, Masilamani S, Fleming M. **Abughosh S**. Impact of a pharmacist telephone intervention on preventing medication discontinuation among hypertensive patients with diabetes in a Medicare Advantage Plan. Presented at ISPOR 20th Annual International Meeting. May 2015. Finalist Poster Award.
 81. Smith L, Esse T, Serna O, Gallardo E, **Abughosh S**. A pharmacist implemented initiative to improve ACEI/ARB prescribing among patients with comorbid hypertension and diabetes enrolled in a Medicare Advantage Plan. Presented at AMCP Annual Meeting & Expo. April 2015.
 82. Smith L, Esse T, Serna O, Gallardo E, **Abughosh S**. A pharmacist implemented initiative to improve the STAR rating for the Diabetes Treatment Measure within a Medicare Advantage Plan. Platform presentation at Texas Society of Health-Systems Pharmacists ALCALDE. 2015.
 83. Almogbel Y , **Abughosh S**, Essien EJ, Wu I, Sansgiry S. Predictors of cigarette smoking in three Asian countries: China India And Taiwan. Advantage Plan. Presented at ISPOR 20th Annual International Meeting. May 2015. <https://doi.org/10.1016/j.jval.2015.03.1453>.
 84. Woods A, Esse T, **Abughosh S**, Serna O. Evaluating pharmacist-written

- recommendations to providers in a Medicare Advantage Plan: factors associated with provider acceptance. Presented at the 49th ASHP Midyear clinical meeting and exhibition. December 2014.
85. Wang X, **Abughosh S**, Sansgiry S. Cost-benefit analysis of Varenicline, Bupropion Sustained Release (SR), and Varenicline combined with Bupropion Sustained Release (SR) in smoking cessation in US. Presented at the 15th Annual Health Services & Outcomes Research Conference. December 2014.
 86. **Abughosh S**, Wang X, Henges C, Fleming M, Serna O. Impact of a pharmacist telephone intervention on medication adherence among hypertensive patients with diabetes in a Medicare Advantage Plan. Presented at the 15th Annual Health Services & Outcomes Research Conference. December 2014.
 87. Almogbel YS, **Abughosh S**, Sansgiry S. Beliefs in effectiveness of smoking cessation interventions among male Saudi College students. Presented at the ISPOR19th Annual International Meeting. May 2014.
 88. **Abughosh S**, Wu, I, Wang X, MS, Essien EJ, Peters RJ, Almogbel Y, Sansgiry S. Predictors of cigarettes smoking among adults in five countries: China, Jordan, India, Taiwan, and Saudi Arabia. Presented at the ISPOR19th Annual International Meeting. May 2014. <https://doi.org/10.1016/j.jval.2014.03.1002>.
 89. Wu I, **Abughosh S**. Smoking cessation pharmacological interventions among schizophrenia smokers: A systematic review. Presented at the ISPOR19th Annual International Meeting. May 2014.
 90. **Abughosh S**, Wang X, MS; Henges C, Fleming M, Serna O. Adherence barriers to ACE-Is and ARBs among non-adherent hypertensive patients with diabetes enrolled in a Medicare Advantage Plan. Presented at the ISPOR19th Annual International Meeting. May 2014. <https://doi.org/10.1016/j.jval.2014.03.1480>.
 91. Wang X, Yang M, Chen H, Essien EJ, **Abughosh S**. Evaluating prescribing rates of smoking cessation medication among adult smokers. Presented at the ISPOR19th Annual International Meeting. May 2014.
 92. Wang X, Yang M, Chen H, Essien EJ, **Abughosh S**. Predictors of a successful cessation outcome among adult smokers using smoking cessation medication. Presented at the ISPOR19th Annual International Meeting. May 2014.
 93. Athamneh L, El-Mughrabi M, Athamneh M, Essien EJ, **Abughosh S**. Antibiotic use and perception among Jordanian parents. Presented at the American Pharmacists Association (APhA) Annual Meeting & Exposition.

March 2014.

94. Athamneh L, El-Mughrabi M, Athamneh M, Essien EJ, **Abughosh S**. Antibiotic use for children in Jordan. Presented at the 14th Annual Health Services & Outcomes Research Conference. Dec 2013. Wu I, Hawari F, Essien EJ, Peters RJ, **Abughosh S**. Beliefs in effectiveness of cigarette smoking cessation interventions among Jordanian adult smokers. Presented at the 14th Annual Health Services & Outcomes Research Conference. December 2013.
95. Wu I, Hawari F, Essien EJ, Peters RJ, **Abughosh S**. Beliefs in effectiveness of cigarette smoking cessation interventions among Jordanian adult smokers. Poster presented at the 14th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, Dec 10, 2013.
96. **Abughosh S**, Hawari F, Essien EJ, Peters RJ, Wu I. Beliefs in effectiveness of waterpipe smoking cessation interventions among Jordanian adult smokers. Poster presented at the 14th Annual Health Services & Outcomes Research Conference, Houston, TX, USA, December 2013.
97. 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. Presented at the ISPOR 18th Annual International Meeting. May 2013. <https://doi.org/10.1016/j.jval.2013.03.932>.
98. Jadav S, Bhounsule P, **Abughosh S**, Essien E, Sansgiry SS. (2013). Predictors of willingness to quit cigarette smoking in a cohort of adults in India. Presented at the ISPOR 18th Annual International Meeting. May 2013. May 2013. <https://doi.org/10.1016/j.jval.2013.03.1176>.
99. **Abughosh S**, Hawari F, Essien EJ, Peters RJ, Wu I. Beliefs in effectiveness of various smoking cessation interventions among Jordanian adult smokers. Presented at the ISPOR 18th Annual International Meeting. May 2013. <https://doi.org/10.1016/j.jval.2013.03.1206>.
100. Wang X, **Abughosh S**. Racial and ethnic disparity in smoking cessation medication use among adult smokers in the United States. Presented at the ISPOR 18th Annual International Meeting. May 2013.
101. Yang M, Chen H, Johnson M, Essien EJ, Peters RJ, **Abughosh S**. Comparative effectiveness of smoking cessation medications among obese smokers. Presented at the ISPOR 18th Annual International Meeting. May 2013. <http://dx.doi.org/10.1016/j.jval.2013.03.530>.
102. **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. Presented at the ISPOR 18th Annual International Meeting. May 2013. <https://doi.org/10.1016/j.jval.2013.03.780>.

103. Pravin K, Aparasu R, Chen H, Johnson M, **Abughosh S**, Bhatara V. Cardiovascular safety of concurrent use of atypical antipsychotic agents and long acting stimulants in children and adolescents diagnosed with attention deficit/hyperactivity disorder. Presented at the ISPOR 18th Annual International Meeting. May 2013. <https://doi.org/10.1016/j.jval.2013.03.1403>.
104. Pravin K, Aparasu R, Chen H, Johnson M, **Abughosh S**, Bhatara V. Impact of atypical antipsychotic use on the persistence of the stimulant treatment in children and adolescents with attention deficit/hyperactivity disorder. Presented at the ISPOR 18th Annual International Meeting. May 2013. <https://doi.org/10.1016/j.jval.2013.03.1562>.
105. Pravin K, Aparasu R, Chen H, Johnson M, **Abughosh S**, Bhatara V. Concurrent stimulant and atypical antipsychotic use among Medicaid children and adolescents with attention. Presented at the ISPOR 18th Annual International Meeting. May 2013. <https://doi.org/10.1016/j.jval.2013.03.1560>.
106. **Abughosh S**, Wu I, Peters RJ, Essien EJ, Crutchley R. Predictors of persistent waterpipe smoking among university students in the United States. Presented at the ISPOR 17th Annual International Meeting. June 2012. <https://doi.org/10.1016/j.jval.2012.03.294>.
107. **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. Presented at the ISPOR 17th Annual International Meeting. June 2012. <https://doi.org/10.1016/j.jval.2012.03.583>.
108. Yang Mo, Bhowmik D, Essien EJ, **Abughosh S**. Predictors of smoking cessation medication use among obese and non-obese smokers. Presented at 7th Asian Conference of Pharmacoepidemiology, Bangalore, India. October 2012.
109. Bhounsule P, **Abughosh S**, Essien J, Sansgiry S. Predictors of willingness to quit among the among the cohort of adults smokers in India. Presented at the ISPOR 17th Annual International Meeting. June 2012. <https://doi.org/10.1016/j.jval.2012.03.331>.
110. Wu I, Rajan S, Peters RJ, Essien EJ, **Abughosh S**. Waterpipe smoking among US university students: Predictors of an intention to quit. Presented at the ISPOR 17th Annual International Meeting. June 2012. Finalist Poster Award. <https://doi.org/10.1016/j.jval.2012.03.293>.
111. 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. Presented at the ISPOR 17th Annual International Meeting. June 2012. <https://doi.org/10.1016/j.jval.2012.03.584>.

112. **Abughosh S**, Wu I, Peters RJ, Essien EJ. Ethnicity and waterpipe smoking among University of Houston students. Presented at the 12th Annual Health Services & Outcomes Research Conference. November 2011.First Place Best Poster Award.
113. Mhatre S, **Abughosh S**, Sherrer J, Sansgiry, S. Medication belief and relationship with physicians. Presented at the 12th Annual Health Services & Outcomes Research Conference. November 2011.
114. Bhounsule P, **Abughosh S**, Essien EJ, Sansgiry S. Socio-demographic characteristics of adult cigarette smokers in India. Presented at the 12th Annual Health Services & Outcomes Research Conference. November 2011.
115. Wu I, Hawari F, Crutchley R, Peters RJ, Essien EJ, **Abughosh S**. Predictors of intention to quit cigarette smoking among Jordanian adults. Presented at 12th Annual Health Services & Outcomes Research Conference. November 2011. Second Place Best Poster Award.
116. Yang M, **Abughosh S**, Wu I, Sansgiry S, Hawari F, Peters RJ, Essien EJ. Waterpipe smoking among Jordanian adults: Predictors and correlates. Presented at the ISPOR 16th Annual International Meeting. May 2011. <https://doi.org/10.1016/j.jval.2011.02.766>.
117. Wu IH, **Abughosh S**, Hawari FI, Peters RJ, Essien EJ, Yang M. Cigarette smoking among Jordanian adults: Predictors and correlates. Presented at the ISPOR 16th Annual International Meeting. May 2011. <https://doi.org/10.1016/j.jval.2011.02.766>.
118. Mehta HB, Patel J, Parikh R, **Abughosh S**. Predictors of obesity treatment (counseling or pharmacotherapy) in ambulatory settings. Presented at the ISPOR 16th Annual International Meeting. May 2011. Finalist Poster Award. <https://doi.org/10.1016/j.jval.2011.02.382>.
119. Shah AJ, Patel JG, Rajan SS, **Abughosh S**, Masilamani S. Disparity in obesity management: under-treatment in elderly population. Presented at the ISPOR 16th Annual International Meeting. May 2011.
120. Bhounsule P, **Abughosh S**. Predictors of the combined diagnosis on hyperlipidemia and hypertension, A NHANES 2007-2008 study. Presented at the ISPOR 16th Annual International Meeting. May 2011. <https://doi.org/10.1016/j.jval.2011.02.203>.
121. 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. Presented at the 11th Annual Health Services & Outcomes Research Conference. December 2010.Best Poster Award.

122. Shah AJ, Patel J, Rajan S, Masilamani S, **Abughosh S**. Quality of care among adults and elderly diagnosed with obesity. A 2006-08 analysis. Presented at the 11th Annual Health Services & Outcomes Research Conference. December 2010.
123. Essien EJ, Mgbere O, Ekong E, **Abughosh S**, Monjok E. Correlates of HIV knowledge and sexual behaviors among female military personnel. Presented at 16th International Symposium on HIV and Emerging Infectious Diseases. Marseille, France. March 2010.
124. Patel HK, Goyal RK, Sangani D, **Abughosh S**. Predictors of antihistamine prescription in the national ambulatory population with Allergic Rhinitis. Presented at the ISPOR Annual International Meeting. May 2010.
125. Mehta H, Parikh R, Patel J, **Abughosh S**. Predictors of obesity medication use in ambulatory setting: A NAMCS 2006-07 analysis. Presented at the ISPOR 15th Annual International Meeting. May 2010.
126. Patel J, Mehta H, Parikh R, **Abughosh S**. Disparity in the management of obesity in ambulatory setting: A NAMCS 2006-07 Analysis. Presented at the ISPOR 15th Annual International Meeting. May 2010.
127. 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. Presented at the ISPOR 15th Annual International Meeting. May 2010.
128. 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. December 2009.
129. Parikh R, Patel J, I Mehta H, **Abughosh SM**. Disparity among physician groups for a prescription of obesity management: NAMCS 2006-07 analysis. Presented at the 10th Annual Health Services & Outcomes Research Conference. Dec 2009.
130. 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. Presented at the 10th Annual Health Services & Outcomes Research Conference. Dec 2009.
131. 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. Presented at the 10th Annual Health Services & Outcomes Research Conference. Dec 2009. Best Poster Award.
132. 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. Presented at the 10th Annual Health Services & Outcomes Research Conference. Dec 2009.

Invited Presentations

1. Interventions to enhance medication adherence among patients with chronic illness. John & Aimee Mohr Clinical Pharmacy Practice and Translational Research Seminar series. September 2020. Houston TX
2. To Enhance Adherence Among Patients with Diabetes. APhA-ASP Meeting - American Diabetes Month. University of Houston. October 2018. Houston, Texas
3. Bivariate Analysis and Comparing groups. Continuing Pharmacy Education. March 2016. Methodist Hospital, Houston Texas
4. Staffing of MTM Initiatives, Use of Pharmacy Students: A Motivational Interviewing intervention to Improve Medication Adherence. AHRQ innovation Exchange. February 2016. Telecommunicated from Houston, Texas.
5. Waterpipe smoking among University of Houston Students: Predictors of an Intention to quit. The Regional Conference on tobacco Dependence Treatment. Global Experience and Regional perspective). June 2011. Le Meridien, Amman Jordan.
6. Overview of Pharmacoepidemiology: Brown University's Internal Medicine Residency Program at Memorial Hospital of RI. May 2001. Brown University, Memorial Hospital of RI.
7. Overview of Pharmacoeconomics: Brown University's Internal Medicine Residency Program at Memorial Hospital of RI. June 2001. Brown University, Memorial Hospital of RI.

Research Support

Ongoing Research Support

1. Principal Investigator: Susan Abughosh
Co-investigators: James Essien, Marc Fleming, Nancy Ordonoz
Title: A motivational interviewing intervention customized by patient adherence patterns
Funding Agency: National Heart, Lung, and Blood Institute (NHLBI)

Amount Requested: **\$459,000**
Grant Period: 04/15/2018-04/14/2022

2. Principal Investigator: James Essien
Co-Investigators: **Susan Abughosh**, Doug Thornton, Osaro Mgbere.
Title: Cougar Health Research Academy.
Funding Agency: University of Houston Cougar Initiative to Engage.
Amount Requested: **\$22,800**
Grant Period: Summer 2021, 3 months
3. Principal Investigator: Diana Chow, Co-PI of CPRIT-CCPF project based at TSU)
Co-investigator(s): **Susan Abughosh**
Role: Biostatistical consultant for services on sample size and appropriate analysis
Title: Gulf Coast Consortium - COMPREHENSIVE CENTER FOR PK/PD & FORMULATION (GCC-CCPF)- by CPRIT; Chow as sub-awardee for PK/PD analysis and modeling core
Funding Agency: CPRIT
Amount Requested Subaward to Chow: **\$550,730; \$32,087** to Abughosh
Grant Period: 09/01/2018-08/30/2023
Role and contribution: Coinvestigator, 5%

Completed Research Support

1. Principal Investigator: **Susan Abughosh**
Co-PI: Hua Chen
Title: Drug utilization and medication adherence among Medicare patients with hepatic encephalopathy and predictors of hospital readmission
Funding Agency: Valeant Pharmaceuticals
Amount Requested: **\$174,000**
Grant Period: 07/01/18 –06/30/19
2. Principal Investigators: **Susan Abughosh**, Marc Fleming
Co-investigator: Michael Johnson, James Essien
Title: Improving adherence to statins with targeted motivational interviewing interventions based on group based trajectory models among patients enrolled in a Medicare advantage plan
Funding Agency: Regeneron
Amount Requested: **\$184,585.57**
Grant Period: 04/04/2016-012/31/2018
3. Principal Investigators: Marc Fleming, **Susan Abughosh**

- Co-investigator: Michael Johnson
Title: Physician educational webinars to improve statin prescribing and guideline adherence among patients in a Medicare advantage plan
Funding Agency: Sanofi
Amount Requested: **\$115,470**
Grant Period: 02/03/2016-06/30/2018
4. Principal Investigators: Mathew Wanat, **Susan Abughosh**
Co-investigator: Hua Chen, Marc Fleming, Michael Johnson
Title: Risk of Thrombosis and Bleeding in Patients on Warfarin or Apixaban (Eliquis) and Concomitant Anti-arrhythmic Medications
Funding Agency: BMS/ Pfizer
Amount Requested: **\$202,548**
Grant Period: 06/16/2016-12/31/2018
5. Principal Investigator: **Susan Abughosh**
Title: A Motivational Interviewing Pharmacy Student Intervention to Improve Medication Adherence
Funding Agency: PHARMA Foundation
Amount Requested: **\$49,998**
Grant Period: 06/01/2015-09/30/2016
6. Principal Investigator: Marc Fleming
Co-investigators: **Susan Abughosh**, Larry Driver, Kathleen Reeve, Sujit Sansgiry, Todd Pickard, Knox Todd, Matthew Wanat
Title: Texas Prescribers' Attitudes and Predicted Pain Management Based on Rescheduling Hydrocodone Combination Products
Funding Agency: Mallinckrodt Pharmaceuticals
Amount Requested: **\$94,179**
Grant Period: 11/01/2014-05/30/2016
7. Principal Investigator: Sujit Sansgiry
Co-investigators: **Susan Abughosh**, Marc Fleming
Title: Impact of Medicare Advantage Prescription Drug Coverage GAP among COPD Patients: Analysis of Risk of Hospitalization
Funding Agency: GlaxoSmithKline
Amount: **\$99,488**
Grant Period: 11/01/2014-12/31/2015
8. Principal Investigator: **Susan Abughosh**
Title: Predictors of Waterpipe Smoking among University of Houston Students
Funding Agency: University of Houston New Faculty Research Award
Amount: **\$5,860**
Grant Period: 02/01/2011-08/03/2011

Research Proposals Pending

1. Principal Investigator: **Susan Abughosh**
Co-investigators: Hua Chen, Michael Johnson, Rosenda Murrello, Ronnie Ozuna, Jame Essien
Title: Developing a culturally adapted intervention to enhance adherence among Rio Grande Valley diabetes patients customized by social determinants of health and past adherence patterns
Funding Agency: NIMHD
Amount Requested: **\$407,282**
Grant Period: 09/01/2021-8/31/2023
2. Principal Investigator: **Susan Abughosh**
Co-investigators: Hua Chen
Title: Comparative effectiveness between Cart-T and existing therapy for patients with treatment resistant myeloma
Funding Agency: CARsgen Therapeutics
Amount Requested: **\$390.000**
Grant Period: 09/01/2021-8/31/2023
Role and contribution: Principal Investigator, 40%

Graduate Student Mentorship

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

1. Defense July/2020 Rutugandha Paranjpe (PhD in Pharmaceutical health outcomes and policy)
Dissertation: Evaluating Adherence and Health Outcomes Among Patients on Concomitant Diabetes, Hypertension, & Hyperlipidemia Treatments Using Marginal Structural Modeling
2. Defense November/2017 Xin Wang (PhD in Pharmaceutical health outcomes and policy)
Dissertation: Medication Adherence to Antihypertensive Triple Combination Therapy
3. Defense May/2014 I-Hsuan Wu (PhD of Pharm Adm)
Dissertation: Comparative Effectiveness of Smoking Cessation Medications among Schizophrenic Smokers
4. Defense June/2013 Mo Yang (PhD of Pharm Adm)
Dissertation: Comparative Effectiveness of Smoking Cessation Medications among Obese Smokers

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

1. Defense April/2016 Roya Tran (Masters and residency certification in Pharmacy Leadership and Administration)
Project: Pharmacy Student Motivational Interviewing Intervention in hospitalized Patients: A Pilot Study.
2. Defense April/2014 Liqa Athamneh (Masters of Pharm Adm)
Thesis: Predictors of Intention to Quit Waterpipe Smoking among Arab Americans: Application of the Theory of Planned Behavior
3. Defense July/2013 Xin Wang (Masters of Pharm Adm)
Thesis: Predictors of a Successful Outcome among Adult Smokers Using Smoking Cessation Medications
4. Defense July/2011 Yuping Yu (Masters of Pharm Adm)
Thesis: Obesity and Prescribing of Smoking Cessation Medications

PhD Dissertation and M.S. Student Theses Advisory Committee Member

1. Defense Aug//2011 Mo Yang (Masters of Pharm Adm)
Thesis: Correlates of Tobacco Use among Chinese Adults
2. Defense July/2011 Prajakta Bhounsule (Masters of Pharm Adm)
Thesis: Predictors of Smoking and Willingness to Quit Smoking in India
3. Defense July/2011 Shivani Mhatre (Masters of Pharm Adm)
Thesis: Perspective of Adults towards Medication Belief and Polypharmacy
4. Defense July/2011 Pooja Chopra (Masters of Pharm Adm)
Thesis: Impact of Comorbid Anxiety and Depression on Adults with Chronic Obstructive Pulmonary Disease
5. Defense July/2011 I-Hsuan Wu (Masters of Pharm Adm)
Thesis: Correlates of Tobacco Use among Taiwanese Adults.
6. Defense Nov/2011 Ran Liu (Masters of Arts) College Women
Thesis: Investigating the Relationship between Physical Factors and Smoking Intention in College Women
7. Defense May /2012 Ali-Reza Shah Mohammadi (Masters and residency certification in Pharmacy Leadership and Administration)
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 Pharm 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 Pharm Adm)
Dissertation: Concurrent Stimulant and Atypical Antipsychotic Use in Children and Adolescents with ADHD
10. Defense Oct/2012 Nilanjana Dwibedi (PhD in Pharm Adm)
Dissertation: Parents' Expectation to Receive Antibiotic Prescription for Children
11. Defense April/2013 Gift Nweke (Masters and residency certification in of Pharm Adm)
Project: Evaluation of Pharmacists' Perspectives towards Peer Review and Identification of Opportunities for Improvement
12. Defense July/2013 Smruti Jadav (Masters of Pharm Adm)
Thesis: Trends and Racial Disparities in Breast Cancer Screening
13. Defense May /2015 Sarah Jung (Masters and residency certification in Pharmacy leadership and Administration)
Project: Risk Factors for the Development of Gastrointestinal Bleeds in Ulcers after Formulary Change in the Neuroscience Intensive Care Unit
14. Defense May 2015 Jeetvan Patel (PhD in Pharmaceutical health outcomes and Policy)
Dissertation: Medication Use Behavior and Outcomes among Chronic Obstructive Pulmonary Disease Patients
15. Defense July 2016 Yasser Almogbel (PhD in Pharmaceutical health outcomes and Policy)
Dissertation: Parenting Stress and Child's Quality of Life on Parents' Expectation/Satisfaction and Medication Adherence with Asthmatic Child's Therapy
16. Defense July 2017 Ya-Huei LI (PhD in Pharmaceutical health outcomes and Policy)
Dissertation: A Study Of The Association Between Social Ecological Contexts And Hiv-Related Sexual Behaviors Among African-American Adolescents
17. Defense April /2018, Committee CoChair Thomas Raduta
(Masters and residency certification in Pharmacy leadership and Administration)

- Project: Impact of Real-Time Pharmacy Benefit Information at Point of Discharge on Provider Sponsored Health Plan
18. Defense April /2018, Committee CoChair Pei Jen Lin (Masters and residency certification in Pharmacy leadership and Administration)
Project: Effect of Best Practice Alerts on Nurses' Intention to Perform medication Education: An Application of the Theory of Planned Behavior.
 19. Defense March/2019, Committee CoChair Elizabeth Villanueva (Masters and residency certification in Pharmacy leadership and Administration)
Project: Evaluating the Efficacy of Motivational Interviewing on Enhancing Medication Adherence for Heart Failure Patients at An Academic Health System
 20. Defense July 2019, Co-advisor Aisha Vadhariya (PhD in Pharmaceutical health outcomes and Policy)
Dissertation: Patterns of Lipid Lowering Therapy, Adherence and Up-titration in Older Adults
 21. Defense May 2020 QingQing Xu (PhD in Pharmaceutical health outcomes and Policy)
Dissertation: Using Machine Learning To Predict Microvascular Complications in Patients with Diabetes
 22. Defense December 2020 Soumya Chikermane (PhD in Pharmaceutical health outcomes and Policy)
Dissertation: Association between Metformin Use and the Risk of Hormone Receptor Positive Breast Cancer in Postmenopausal Women with Type-2 Diabetes Mellitus
 23. Defense December 2020 Shweta Bapat (PhD in Pharmaceutical health outcomes and Policy)
Dissertation: Predicting provider intention to prescribe buprenorphine using the theory of planned behavior: A mixed methods design
 24. Defense April 2021 Tyler Varisco (PhD in Pharmaceutical health outcomes and Policy)
Dissertation: Disruptions in Pharmacotherapy for Opioid Use Disorder Associated with Changes in Pharmacy
 25. Defense July/2021 Cho, Kwang Bog (PhD in Pharmacological and Pharmaceutical Sciences)
Dissertation: Histone Variant H2A.Z.1 Promotes Invasion and Metastasis of Non-small Cell Lung Cancer Cells

26. Defense July/2021 Ee Vien Low (PhD in Pharmaceutical health outcomes and Policy)
Dissertation: Physical and Mental Health among Mexican American Children and Adolescents Living on the US-Mexico Border

Graduate Student Major Advisor

Current PhD Student:

Anjana Mohan
Zahra Majd

Graduate Student Committee Member

Current PhD Student:

Benjamin Lewing
Suma Gopinathan
Swarnava Sanyal
Soham Yande
Sorochi Iloanusi
Ravi Goyal

Pharm D Student Mentorship

1. 2014/2015 Amanda Woods
Project: Evaluating Pharmacist-written Recommendations to Providers in a Medicare Advantage Plan: Factors Associated with Provider Acceptance
2. 2015/2015 Annie Bui
Project: Feasibility of Motivational Interviewing (MI) training for pharmacy students on Advanced Pharmacy Practice Experience (APPE) rotations in a Medicare Advantage with Prescription Drug Plan (MAPDP) setting
3. 2015/2016 Bianca Romero
Project: Examination of Physician Preference Regarding Mode of E-Newsletter Communication: A Sub-Analysis of a Physician Survey within a Medicare Advantage Plan regarding PCP E-Newsletters
4. 2015/2016 NGHI Bui
Project: Carisoprodol Prescribing among Elderly Patients Enrolled in a Medicare Advantage Plan: A cross sectional study
5. 2015/2016 Minh Hong

- Project: Descriptive Analysis of Patients Approved for Anti-Diabetic Patient Assistance Programs
6. 2015/2016 Brian Leo
Project: Improvement in Glycemic Control among Patients Approved for an Anti-diabetic Patient Assistance Program in a Medicare Advantage Plan.
 7. 2016/2017 Angelica Asadi
Project: A Motivational Interviewing Elective for Pharmacy Students: a Student Perspective
 8. 2019/2020 Grace Hwang
Project: Oral endocrine therapy agent, race/ethnicity, and time on therapy predict adherence in breast cancer patients in a large academic institution
 9. 2019/2020 Jared Sherman
Project: Interventions to improve medication adherence in Inflammatory Bowel Disease: A systematic review
 10. 2020/2021 Sama Rahimi , Daniel Moussa, Emily Cooper.
Project: Adherence to Oral endocrine therapy agent among underserved populations in Harris health
 11. 2020/2021 Masa Abdo
Project: Examining social determinants of health that impact use of direct oral anticoagulants among patients with atrial fibrillation
 12. 2020/2021 Alyza King
Project: Assessing the barriers to medication adherence among underserved predominantly Hispanic patient population with chronic illness

Resident Mentorship (Cigna Health-Spring Residents)

1. 2015/2016 Amanda Mann
Project: Impact of Mailed Letters on Medication Adherence in a Medicare Advantage Plan
2. 2015/2016 Bhakti Jadav
Project: Primary Care Physician Perception of an E- Newsletter within a Medicare Advantage Plan
3. 2016/2017 Scarlet Najera
Project: Physician Awareness of ASCVD Risk Estimator in Correlation with Their Patients' Cardiovascular Status
4. 2016/2017 Blessing Adodo

- Project: Primary Care Physician Perception of the Diabetic Empowerment and Education Program (DEEP) in a Medicare Advantage Plan
5. 2017/2018 Minh Hong
Project: Evaluating the Impact of Primary Care Physician Intervention on Paid Pharmacy Claims Using a Medication Adherence Tracker in a Medicare Advantage Plan
 6. 2017/2018 Man-Khoi Nguyen
Project: Evaluation of a Health Plan-Initiated Interdisciplinary Approach with Primary Care Providers in Improving Medication Adherence.
 7. 2018/2019 Jocelyne Mamvou,
Project: Evaluating the impact of a diabetes self-management education and support service on adherence and glycemic control within a Texas Medicare Advantage population
 8. 2018/2019 Ashley Fosshat
Project: Evaluating the Effect of a Medication Adherence Tracker (MAT) on Adherence and the Implications on HgA1c among Patients with Diabetes
 9. 2019/2020 Ryan Payne
Project: Perceptions of Social Determinants of Health (SDoH) Among MA-Contracted PCPs Serving a South Texas Market, and Their CMS Part D Performance Data
 10. 2019/2020 Michael Gin
Project: Trend Analysis of a Diabetes Self-Management Education and Support (DSMES) Service on Clinical Outcomes in a Medicare Advantage Prescription Drug
 11. 201202021 Bumhee Ahn (Chloe)
Project: Evaluating Social Determinants of Health (SDoH) in Medicare Advantage (MA) Persons with Diabetes and the Impact on Medication Adherence
 12. 201202021 Sarah Louise Laxa
Project: Evaluating Social Predictors of Medication Adherence and Health Outcomes in Patients within a Medicare Advantage Plan (MAP)

Training and Development

1. Advanced Course in Pharmacoeconomic Modeling. University of Arizona, College of Pharmacy. Tucson, Arizona. January 2014
2. Motivational Interviewing: Exploring and Resolving Ambivalence to Promote Behavioral Change. University of Houston, College of Pharmacy. Houston, Texas. October 2014
3. Budget Impact Analysis: A 6 Step Approach. ISPOR short course, Philadelphia. PA 2015
4. Advanced Case-based Motivational Interviewing. University of Houston, College of Pharmacy. Houston, Texas. July 2016

Service to the Department, College, and University

University Committees

- 2017 Graduate Research and Scholarship Projects (GRaSP) Day, Poster Sub-Committee
- 2015 Graduate Research and Scholarship Projects (GRaSP) Day, Poster Sub-Committee.
- 2018-present Advisory Board for the Cougar Initiative to Engage (CITE)

College Committees

- 2012-2017 Information Technology Committee
- 2014 Prerequisite/Oversight Committee
- 2014 Faculty Award Voting Committee, Ad Hoc Representative
- 2014-present Curriculum Committee
- 2015 Curriculum committee for accreditation
- 2015 Pharm.D./MBA program committee
- 2016 New curriculum subcommittee, literature Evaluation
- 2015 P1 course review curriculum subcommittee
- 2016 P2 course review curriculum subcommittee
- 2017-present Information Technology Committee. Committee Chair

Department Committees

- 2010 Graduate Curriculum and Research Committee, Department of Clinical Science and Administration, UH College of Pharmacy
- 2010 PhD Comprehensive Examination Committee, Department of Clinical Science and Administration, UH College of Pharmacy
- 2011 New Faculty Search Committee, Department of Clinical Science and Administration, UH College of Pharmacy
- 2014-2015 Pharm D Curriculum Workgroup Committee, Department of Pharmaceutical Health Outcomes and Policy, UH College of Pharmacy
- 2016-2017 Graduate Education Committee
- 2017 New Faculty Search Committee, PHOP Department

2018-2020 New Faculty Search Committee, Committee Chair
2019 Graduate Education Committee

Other Service

Interviewer for 2014/2015 MS Residency Program Admissions
Interviewer for 2015/2016 Pharm D Program Admissions
Interviewer for 2017/2018 Pharm D Program Admissions
Interviewer for 2016/2017 Pharm D Program Admissions
Interviewer for 2016/2017 Cigna Health-Spring Residency Admission
Interviewer for 2016/2017 Pharmaceutical Health Outcomes and policy PhD Admissions
Interviewer for Pharmaceutical Health Outcomes and policy PhD Admissions 2018/2019
Interviewer for Pharmaceutical Health Outcomes and policy PhD Admissions, 2019/2020,
Interviewer for Pharmaceutical Health Outcomes and policy PhD Admissions, 2020/2021
Interviewer for Pharmaceutical Health Outcomes and policy PhD Admissions 2021/2022
Participated in university PALS program in 2016/2017
PHOP volunteer for strategic planning 2020
Judge for the exCITE student talks, 2020
Student Panel participant for Pharm D Program Admissions 2020/2021
2020 Faculty Interviews (<https://www.youtube.com/watch?v=4leQODDRmX0>)
Interviewer 2021-2022 Pharm D Program Admissions

Service to the Profession/Academic Discipline

Service to Professional Associations

Abstract Review Committee for the ISPOR 16th Annual International meeting. May 21-25, 2011, Baltimore, MD
Abstract Review Committee for the ISPOR 14th Annual European Congress. November 5-8, 2011, Madrid, Spain
Abstract Review Committee for the ISPOR 18th Annual European Congress. November 7-11, 2015, Milan, Italy
Abstract Review Committee for AMCP 2020 Meeting, April 21-2, 2020, Houston Texas

External reviewer

2020 External reviewer for a candidate considered for tenure and promotion to the rank of Associate Professor at The University of Mississippi School of Pharmacy

2020 External reviewer for a candidate considered for tenure and promotion to the rank of Associate Professor at Virginia Commonwealth University, School of Pharmacy

Editorial Board Member

2011-present	Journal of Clinical Trials: Current Research
2011-present	Journal of Epidemiology and Public Health Reviews
2014-present	Austin Journal of Public Health and Epidemiology
2021	Journal of Community Medicine and Health Services

Journal Reviewer

1. American Journal of Health-System Pharmacy
2. American Journal of Managed Care
3. Patient Preference and Adherence
4. Journal of the American Pharmacists Association
5. Journal of Managed Care and Specialty Pharmacy (Recognized among the highest quality reviewers for JMCP)
6. PLoS Medicine
7. BMC Cancer
8. Current Medical Research and Opinion
9. Journal of Behavioral Health
10. Substance Abuse and Rehabilitation
11. International Journal of Environmental Research and Public Health
12. International Journal of Public Health
13. Tobacco Control
14. Drug and Alcohol Dependence Journal
15. Journal of Pharmaceutical Health Services Research
16. Clinical Therapeutics
17. Journal of General Internal Medicine (JGIM)
18. European Psychiatry
19. International Journal for Quality in Health Care
20. Nicotine and Tobacco Research
21. International Journal of Qualitative Studies in Health & Well-being
22. Journal of the American College of Clinical Pharmacy
23. International Journal of Behavioral Medicine
24. Expert Opinion on Pharmacotherapy

Memberships

International Society for Pharmacoeconomics and Outcome Research (ISPOR)
American Association of Colleges of Pharmacy (AACP)
Academy of Managed Care Pharmacy (AMCP)
Rho Chi Pharmaceutical Honor Society for Excellence in Academics
Global Bridges, Healthcare Alliance for Tobacco Dependence Treatment
Public Health in the Arab World
Jordanian Pharmaceutical Association

Service to Community or Public

2016-present Pharmacy Subcommittee
San José Clinic, Houston, TX
2016-present Care Allies/ Cigna Health Spring Residency Advisory
Committee
2020 Biostatistics consultant
Texas Southern University NIH/NIMHD grant,
2U54MD007605-27A1 (Olaleye/Xie),
09/25/2020-08/31/2025

Service to State or National Organizations

June 24-25 2021 **Grant reviewer**, ODHS Study section.
Member, NIH Panel for Organization and Delivery of Health Services (ODHS).
Zoom video-assisted meeting

June 2021 **Grant reviewer**, Texas Southern University (TSU) Center for
Biomedical and Minority Health Research (CBMHR) program
Member, CBHDR Pilot Project Program

March 15-16, 2021 **Grant reviewer, SBIR/STTR Study Section Z-10**
Member, NIH Small Business: Disease Prevention and Management, Risk
Reduction and Health Behavior Change ZRG1 RPHB-Z (10) B
Zoom video-assisted meeting

December 2020 **Grant reviewer**, Texas Southern University (TSU) Center for
Biomedical and Minority Health Research (CBMHR) program
Member, CBHDR Pilot Project Program

July 27, 2020 **Grant reviewer, SBIR/STTR Study Section Z-14**

Member, NIH Small Business: Disease Prevention and Management, Risk Reduction and Health Behavior Change ZRG1 RPHB-Z 14 B
Zoom video-assisted meeting

November 14-15, 2019 **Grant reviewer, SBIR/STTR Study Section**
Member, NIH Small Business Innovation Research Panel 202001 ZRG1 RPHB-Z (10) B Business “Disease Prevention and Management, Risk Reduction and Health Behavior Change, Alexandria, VA 22314

October 2019 **Grant Reviewer**, Fellowship Outcomes Population Grant Review Committee, American Heart Association AHA.

January 2018 **Grant Reviewer**, Fellowship Outcomes Population Grant Review Committee, American Heart Association AHA.

November 2014 **Grant Panel Reviewer**
Accepted for the Early Career Reviewer (ECR) Program
Center for Scientific Review (CSR), NIH.