I. Background:
University of Houston (UH) ISPOR Student Chapter was established in September 2002 with the mission to facilitate and support the professional, educational and research needs of students in pursuit of careers in Pharmacoeconomics and Health Outcomes Research.

II. Mission Statement:
The UH-ISPOR chapter is dedicated to
1. Provide an environment where students can share knowledge in pharmacoeconomics and health outcomes research.
2. Represent student’s need and wants in regard to pharmacoeconomics and health outcomes research.
3. Promote interest and awareness about pharmacoeconomics and health outcomes research to various disciplines across the UH.
4. Increase student’s knowledge about pharmacoeconomics and health outcomes from a global perspective.
5. Act as a resource for new students interested in pharmacoeconomics and health outcomes research.
6. Provide an opportunity for student chapter members to become familiar with the ISPOR as well as take part in its various activities.

III. Chapter Officers:
- Chapter President: Aylin Yucel
- Faculty Advisors: Dr. Michael Johnson, Dr. Sujit Sansgiry
- Vice President: Nandita Kachru
- Treasurer: Qingqing Xu
- Secretary: Sanika Rege

IV. Members of the Chapter:

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V. Science Activities in 2015:

**Poster Presentations: (Presenting Author)**

**Antimuscarinic Medication Use In Elderly Overactive Bladder Patients, ISPOR, Nandita Kachru**

**Utilization Patterns of Bone-Targeting Agents Among Patients with Multiple Myeloma: Analysis of Real-World Data, American Society of Hematology, Nandita Kachru**

**Use of health belief model to understand knowledge, attitudes and behaviors of people towards the Ebola outbreak, ISPOR, Aisha Vadhariya**

**The Study of Healthcare Utilization among HIV-infected Population: An Analysis of the Medical Expenditure Panel Survey, ISPOR, Ya-Huei Li**

**The Use Of Interquartile Deviation In Establishing Delphi-Panel Consensus: A Prioritization Of Intravenous Immunoglobulin Utilization, ISPOR, Milan, Italy, Pratik Rane**

**Depression, Dementia and Death in US Nursing Homes., 66th Annual Indian Pharmaceutical Congress, Indian Pharmaceutical Congress, Hyderabad, India, Pratik Rane**

**Proton Pump Inhibitor Prescribing Trend in the US Outpatient setting, ISPOR, Pratik Rane**

**Comparative Safety Between Concurrent Use of Stimulants with Mood Stabilizers or Second Generation Antipsychotics Among Children with ADHD and Bipolar Disorder. An IMS LifeLink claims database analysis, ISPOR, Pratik Rane**

**Comparative Effectiveness of Angiotensin Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers in Heart Failure, ISPOR, Manvi Sharma**
Patient and Hospital-level Factors Associated with Inpatient Mortality of Stroke Patients, ISPOR, Manvi Sharma

How am I doing? Using the ABC Method to create meaningful peer comparisons using NSQIP data, American College of Surgeons NSQIP National Conference, Mark Hatfield

Hydrocodone Use: A Review of the Literature, ISPOR, Mark Hatfield

Impact of a Pharmacist Telephone Intervention on Medication Adherence among Hypertensive Patients With Diabetes In a Medicare Advantage Plan., ISPOR, Xin Wang

Predictors and Trends in Utilization of Cervical Cancer Preventive Care Services in the U.S., ISPOR, Xin Wang

Impact of a Pharmacist Telephone Intervention On Preventing Medication Discontinuation among Hypertensive Patients With Diabetes In a Medicare Advantage Plan., ISPOR, Xin Wang

Socio-demographic and Geographic Variations in the Utilization of Hormone Therapy in Older Women with Breast Cancer after Medicare Part-D Coverage., 31st International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE), Xin Wang

Do Different Modeling Techniques Change Rankings of Hospital Performance?: Multilevel Modeling vs. Standard Logistic Regression, ISPOR, Aylin Yucel

Retrospective Analysis of Medication Persistence Among Patients Treated with Proton Pump Inhibitors for Gastro-Esophageal Reflux Disease, 31st Annual International Conference of Pharmacoepidemiology, Emre Yucel

Reduction in ER Visits of ADHD Patients: Effect of Long and Short-Acting Stimulants, ISPOR, Aylin Yucel

Persistence of Stimulants in Children and Adolescents With Attention-Deficit/Hyperactivity Disorder: A Longitudinal Study, 31st International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE), Sneha Sura

Predictors of Cigarette Smoking in Three Asian Countries: China India and Taiwan, 31st International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE), Y Almogbel

Predictors of e-cigarette use as a smoking cessation method, 15th Annual Health Services & Outcomes Research Conference; Kelsey-Seybold Research Foundation, Farid Chekani

The quality of life in Parkinson’s disease and other neurodegenerative disorders, ISPOR, Farid Chekani

Validity of Medicaid Analytic eXtract (MAX)-2009, Outpatient (OT) and Provider Characteristics (PC) data for use in mental health research., ISPOR, Rohan Medhekar

Cost-Effectiveness of EML4-ALK Gene Targeted First-Line Ceritinib Treatment Among Patients With Advanced ALK - Positive Non–Small Cell Lung Cancer, ISPOR, Navneet Upadhyay
Attention Deficit/Hyperactivity Disorder Subtype & Pharmacotherapy: Risk of Substance Use among US Adolescents  American Academy of Child and Adolescent Psychiatry Annual Conference, Navneet Upadhyay

Medication utilization pattern for pain management among individuals with type 2 diabetes, ISPOR, Nipun Atreha

Podium Presentations:
- Prevalence and Predictors of Non-Evidence based Proton Pump Inhibitor Use among Elderly Nursing Home Residents in the USA, Digestive Disease Week, Washington, DC Podium, Pratik Rane

Manuscripts:
- Kachru N, Carnahan RM, Johnson ML, Aparasu RR, Potentially Inappropriate Anticholinergic Medication Use in Community-Dwelling Older Adults: A National Cross-Sectional Study, Drugs & aging

- Kachru N, Carnahan RM, Johnson ML, Aparasu RR, Potentially inappropriate anticholinergic medication use in older adults with dementia., Journal of the American Pharmacists Association

- Hatfield MD, Ashton CM, Bass BL, Shirkey BA, Surgeon-Specific Reports in General Surgery: Establishing Benchmarks for Peer Comparison Within a Single Hospital, Journal of the American College of Surgeons


- Xin Wang and Xianglin L. Du., Socio-demographic and Geographic Variations in the Utilization of Hormone Therapy in Older Women with Breast Cancer after Medicare Part-D Coverage., Medical Oncology


Chekani F, Bali V, Aparasu RR., Quality of life of patients with Parkinson's disease and neurodegenerative dementia: A nationally representative study., Res Social Adm Pharm.

Sura SD, Carnahan RM, Chen H, Aparasu RR., Anticholinergic drugs and health-related quality of life in older adults with dementia Journal of the American Pharmacists Association

Do T, Medhekar R, Bhat R, Chen H, Niravath P, Trivedi MV, The Risk Of Febrile Neutropenia And Need For G-CSF Primary Prophylaxis With The Docetaxel And Cyclophosphamide Regimen In Early-Stage Breast Cancer Patients: A Meta-Analysis, Breast Cancer Research and Treatment

Achievements:

Awards

Aisha Vadhariya, Future Faculty Fellowship, University of Houston

Aisha Vadhariya, Travel grant for poster presentation at the Graduate Research and Scholarship Projects Day, University of Houston

Pratik Rane, Travel grant for TED-like talk at the Graduate Research and Scholarship Projects Day, University of Houston

Pratik Rane, Early stage investigator award, American Gastroenterological Association

Xin Wang, 31st International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE) Student Scholarship

Aylin Yucel, 31st International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE) Student Scholarship

Students received the Texas Public Educational Grant (TPEG)

Internships

Nandita Kachru, Amgen (Global Health Economics,Oncology)

Pratik Rane, Xcenda (Real World Evidence)
Xin Wang, Tufts Medical Center, Center for the Evaluation of Value and Risk in Health (CEVR)

Aylin Yucel, Abbvie, HEOR-Neurology

Manvi Sharma, MD Anderson Cancer Institute (Dept of General Internal Medicine)

Rohan Medhakar, Biogen (Global Market Access)

Navneet Upadhyay, MD Anderson Cancer Institute

VI. Education Activities in 2015:

- Guest speaker presentation- Dr. Qian Lu, Ph.D., Assoc, Professor, Department of Psychology, University of Houston; Topic: ‘Improving Quality of Life among Chinese Breast Cancer Survivors’
- Guest speaker presentation – Dr. Tito R. Mendoza, PhD. Assoc. Professor, Department of Symptom Research, Division of Internal Medicine, University of Texas-MD Anderson Cancer Center: Topic: MD Anderson Symptom Inventory and other PROs
- Guest speaker presentation- Dr. Robert Morgan, PhD, Assoc. Professor, University of Texas-School of Public Health, Topic: Survey Research Methods for PROs
- Lunch and Learn Event: Ashish Ashok Desmukh, PhD., University of Texas-MD Anderson Cancer Center-Topic: Economic evaluation using decision analytic modeling—Funded by ISPOR Student Network
- Guest Speaker Presentation: Terri S. Armstrong, PhD, Professor, University of Texas-School of Public Health, Topic: PROs in Cancer
- Educational Event: Center for Advanced Computing and Data Systems-University of Houston, Topic: Introduction to R-1
- Educational Event: Center for Advanced Computing and Data Systems-University of Houston, Topic: Introduction to R-2
- Alumni presentations on career options
- Active participation in every ISPOR educational teleconference

VII. Community Service/Other Activities in 2015:

- Donations made and attended bake-sale in order to contribute towards the education of deserving kids in India.
- Introduced new student members to the goals, mission and activities of ISPOR, and the contribution of UH- ISPOR Student Chapter in the past academic year at the graduate student orientation at the UH College Of Pharmacy
- Induction of student members into the Rho Chi Honors Society for academic excellence
- ISPOR UH Chapter registered with UH Center for Student Involvement (CSI) student organization List
- ISPOR UH Chapter successfully completed risk management training held by UH-CSI
- The chapter met every month to discuss the education-related activities, financial issues, upcoming events, etc.

VIII. Social Events:

- Organized Fresher’s party for new incoming students (Ice breaker)
- UH-ISPOR student members, faculty and staff attended the exciting UH Cougar’s football match.
• Halloween Party
• Reunion lunch event of all the UH ISPOR chapter members (past and present) at the ISPOR 20th Annual International Meeting at Philadelphia, PA.
• Picnic Event for ISPOR UH-Chapter members

IX. Upcoming Activities for 2016:
• Social Event at recreation center of University of Houston
• Social Event: Bowling event
• Educational Event: Decision analysis in Health Care
• Social Event: Swing into Spring (Camping)
• Educational Event: Arranging a workshop about EndNote
• Social Event: Arranging farewell party for the graduates of 2016
• Conference Attendance: ISPOR 21st Annual International Meeting, Washington, DC
• Social Event: A reunion of all UH-ISPOR chapter members (past and present) at the 21st ISPOR Annual International Meeting, Washington, SC
• Participation in quiz competition at ISPOR 21st Annual International Meeting, Washington, DC
• Participation in t-shirt contest at ISPOR 21st Annual International Meeting, Washington, DC
• Collection of non-perishable items for donations
• Discussing with current students about the kind of activities they desire from future UH student council