

Department of Pharmaceutical Outcomes and Policy
33rd International Conference on Pharmacoepidemiology
& Therapeutic Risk Management | August 26-30, 2017 | Montréal, Canada

UF | College of Pharmacy
UNIVERSITY of FLORIDA



UF Faculty:

- › Almut Winterstein, RPh, Ph.D., FISPE
Professor and Chair
- › Yu-June (Jenny) Wei, MPH, Ph.D.
Assistant Professor
- › Rene Soria Saucedo, MD, MPH, Ph.D.
Assistant Professor
- › Joshua D. Brown, PharmD, MS, Ph.D.
Assistant Professor

UF Postdocs:

- › Xinyue Liu, Ph.D.
- › Nakyung Jeon, Ph.D.
- › Amie Goodin, Ph.D.

Current UF Students:

- › Yasser Albogami
- › Wei Wang
- › Xi Wang
- › Chao Chen
- › Cheng Chen
- › Osbourne Vicki
- › Yoonyoung Choi
- › Ming Chen
- › Yan Li
- › Monica Munoz
- › Ghadeer Dawwas
- › Yanmin Zhu

UF Alumni:

- › Jinghua He, MS, Ph.D.
- › Caitlin Knox, MPH, Ph.D.
- › Efe Eworuke, MS, Ph.D.
- › Steven Bird, MS, Ph.D.
- › Tobias Gerhard, Ph.D.
- › Christian Hampp, Ph.D.
- › Xuerong Wen, MS, Ph.D.
- › Jonathan Schelfhout, Ph.D.
- › Natasha Pratt, MS, Ph.D.



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UF-POP ACTIVITIES DURING THE CONFERENCE

Saturday, August 26

Pre-conference courses: Introduction to Pharmacoepidemiology
COURSE: COHORT STUDY DESIGN | 8:30 a.m. - 12:30 p.m.
 Almut G. Winterstein

Pre-conference courses: Newcomers/Early Stage Pharmacoepidemiology Workshop
COURSE: EFFECTIVE RESEARCH GRANT WRITING | 2 - 6 p.m.
 Almut G. Winterstein

Pre-conference courses: Practical Skills Protocol Writing & Computer Programming
COURSE: PRACTICAL SKILLS IN PROTOCOL WRITING AND COMPUTER PROGRAMMING RELEVANT TO PHARMACOEPIDEMIOLOGY | 2 - 6 p.m.
 Christian Hampp & Chih-Ying Pratt

Monday, August 28

Pre-conference courses: Introduction to Pharmacoepidemiology
PANEL DISCUSSION: CONDUCTING PHARMACOEPIDEMIOLOGIC RESEARCH IN THE NURSING HOME POPULATION | 10:30 a.m. - noon
 Jenny Wei, Andrew R. Zullo, Daniela C. Moga, Danijela Gnjidic, Kate Lapane

Pregnancy Methods
ORAL PRESENTATION: VALIDATION OF ALGORITHMS TO ESTIMATE GESTATIONAL AGE IN MEDICAID ANALYTIC EXTRACT DATA (23) | 1:30 - 3 p.m.
 Yanmin Zhu, Christian Hampp, Yu-Jung Wei, Dikea Roussos-Ross, Babette Brumback, Xi Wang, Yasser Albogami, Almut G. Winterstein

Epidemiology of Respiratory Viruses, HIV and Chronic Lung Disease
ORAL PRESENTATION: DETERMINATION OF DAYS SINCE LAST ACTIVE MEDICAL SUPPORT FOR CHRONIC LUNG DISEASE, ASSOCIATED WITH RESPIRATORY SYNCYTIAL VIRUS HOSPITALIZATIONS IN INFANTS (66) | 5:15 - 5:30 p.m.
 Yoonyoung Choi, Cody Meissner, Haesuk Park, Babette Brumback, Almut G. Winterstein

Using Natural Language Processing
ORAL PRESENTATION: EXTRACTION OF BREAST CANCER BIOMARKER DATA FROM NARRATIVE CLINICAL DOCUMENTS USING NATURAL LANGUAGE PROCESSING (54) | 5 - 6:30 p.m.
 Jinghua He, et al.

Poster Session A: Pharmacovigilance
POSTER PRESENTATION: STATIN USE AND VENOUS THROMBOEMBOLISM IN CANCER: A PROPENSITY SCORE MATCHED COHORT STUDY IN THE UNITED STATES (297) | 8 a.m. - 6 p.m.
 Joshua D. Brown, PharmD, PhD

Session A: Potpourri
POSTER PRESENTATION: ABSTRACT SELECTION PROCESS FOR THE 2017 INTERNATIONAL SOCIETY FOR PHARMACOEPIDEMIOLOGY MID-YEAR MEETING (328) | 8 a.m. - 6 p.m.
 Juan M. Hincapie-Castillo, Amelia Smith

Monday, August 28 (continued)

Session A: Spotlight Session – Biologics and Biosimilars
POSTER PRESENTATION: IS EARLY INITIATION OF BIOLOGIC THERAPY IN CROHN'S DISEASE ASSOCIATED WITH REDUCED RISK OF HOSPITALIZATION? AN APPLICATION OF GROUP-BASED TRAJECTORY MODELING (92) | 12:15 - 1:15 p.m.
 Chao Chen, Hong Xiao, Yu-Jung Wei, Abraham Hartzema

Tuesday, August 29

SESSION MODERATOR: Joshua D. Brown, PharmD, PhD
CANCER 1 | 8 - 9:30 a.m.

Indices
ORAL PRESENTATION: A DYNAMIC RISK PREDICTION MODEL FOR HOSPITAL ASSOCIATED HYPOKALEMIA: MODEL DEVELOPMENT AND VALIDATION (344) | 8 - 8:15 a.m.
 Yan Li, Benjamin Staley, Carl Henriksen, Dandan Xu, Gigi Lipori, Babette Brumback, Thomas E. Johns, Almut G. Winterstein

Pregnancy General
ORAL PRESENTATION: TRENDS OF OPIOID UTILIZATION DURING PREGNANCY AND INCIDENCE OF NEONATAL ABSTINENCE SYNDROME (365) | 8 - 9:30 a.m.
 Chintan V. Dave, Yanmin Zhu, Almut G. Winterstein, Xi Wang, Adel Alrwan, Abraham Hartzema

Macro- and Microvascular Outcomes in Diabetes
ORAL PRESENTATION: CARDIOVASCULAR SAFETY OF SODIUM GLUCOSE COTRANSPORTER-2 INHIBITORS VERSUS SULFONYLUREAS IN PATIENTS WITH TYPE II DIABETES MELLITUS | 1 - 2:30 p.m.
 Ghadeer Dawwas, Haesuk Park

Session B: Data – Detection, Validation and Accuracy
POSTER PRESENTATION: AGREEMENT BETWEEN MEDICAID ANALYTIC EXTRACT DATA AND BIRTH CERTIFICATES ON NEONATAL CRITICAL CONDITIONS (499) | 8 a.m. - 6 p.m.
 Yasser Albogami, Yanmin Zhu, Xi Wang, Shannon Lyons, Almut G. Winterstein

Session B: Data – Detection, Validation and Accuracy
POSTER PRESENTATION: USABILITY OF MEDICAID ANALYTIC EXTRACT ENCOUNTER DATA FOR COMPREHENSIVE MANAGED CARE FROM 2006 TO 2010: AN EXPLORATORY VALIDATION STUDY (504) | 8 a.m. - 6 p.m.
 Yan Li, Carl Henriksen, Almut G. Winterstein

Session B: Pharmacovigilance Diabetes-Ophthalmic
POSTER PRESENTATION: RISK MODIFICATION OF NEW ONSET DIABETES MELLITUS AFTER TRANSPLANTATION BY IMMUNOSUPPRESSION REGIMEN AMONG RENAL ALLOGRAFT RECIPIENTS (664) | 8 a.m. - 6 p.m.
 Chao Chen, Alfonso H. Santos, MD, Xuerong, Wen PhD

Session B: Informed Drug Policy
POSTER PRESENTATION: IMPACT OF A NEW CONSUMER FORM ON ADVERSE EXPERIENCE REPORTING TO THE UNITED STATES FOOD AND DRUG ADMINISTRATION (590) | 8 a.m. - 6 p.m.
 Monica A. Munoz, PharmD, MS, Almut G. Winterstein, PhD, Chris Delcher, PhD, Cindy M. Kortepeter, PharmD, Yu-Jung Wei, Hong Xiao, PhD, Gerald Dal Pan, MD, MHS

UF-POP ACTIVITIES DURING THE CONFERENCE

Tuesday, August 29 (continued)

Session B: Drug Utilization – Neurologic/Mental Health
POSTER PRESENTATION: PREVALENCE OF CONCOMITANT USE OF PSYCHOTROPIC DRUGS WITH SEVERE OR MAJOR DRUG-DRUG INTERACTIONS IN CHILDREN AND ADULTS WITH PSYCHOTROPIC THERAPY (554) | 8 a.m. - 6 p.m.
 Xinyue Liu, Juan M. Hincapie-Castillo, Yanmin Zhu, Regina Bussing, Almut G. Winterstein

Session B: Pediatrics and Special Interest Spotlight
POSTER PRESENTATION: RURAL AND APPALACHIAN DISPARITIES IN NEONATAL ABSTINENCE SYNDROME INCIDENCE AND ACCESS TO OPIOID ABUSE TREATMENT (448) | 11:45 a.m. - 12:45 p.m.
 Amie Goodin, Jeffery Talbert, Joshua Brown

Session B: Pediatrics and Special Interest Spotlight
POSTER PRESENTATION: RURAL AND APPALACHIAN DISPARITIES IN NEONATAL ABSTINENCE SYNDROME INCIDENCE AND ACCESS TO OPIOID ABUSE TREATMENT (448) | 11:45 a.m. - 12:45 p.m.
 Amie Goodin, Jeffery Talbert, Joshua Brown

Session B: Spotlight Session – Oncology
POSTER PRESENTATION: IDENTIFICATION OF STAGING FOR BLADDER CANCER FROM NARRATIVE CLINICAL DOCUMENTS USING NATURAL LANGUAGE PROCESSING (441) | 11:45 a.m. - 12:45 p.m.
 Jinghua He, et al.

Session B: Spotlight Session – Pediatrics
POSTER PRESENTATION: PHYSICAL HEALTH OUTCOMES IN PRESCHOOLERS WITH PRIOR AUTHORIZATION FOR ANTIPSYCHOTICS (450) | 11:45 a.m. - 12:45 p.m.
 Jenny Wei, Xinyue Liu, Nikhil Rao, Marie McPherson, Mary Beth Jones, Regina Bussing, Almut G. Winterstein

AWARD: Ghadeer Dawwas
2ND PLACE – STUDENT ABSTRACT AWARD | 2:35 - 3:30 p.m.

Wednesday, August 30

Mapping the Epidemic of Opioids
ORAL PRESENTATION: CONCOMITANT USE OF BUPRENORPHINE FOR MEDICATION-ASSISTED TREATMENT OF OPIOID USE DISORDER AND BENZODIAZEPINES: USING THE PRESCRIPTION BEHAVIOR SURVEILLANCE SYSTEM (725) | 8:30 - 10 a.m.
 Mohamed Mohamoud, Esther Zhou, Efe Eworuke, Catherine Dormitzer, Judy Staffa

Pregnancy Methods
ORAL PRESENTATION: USE OF TUMOR NECROSIS FACTOR-A INHIBITORS DURING PREGNANCY AMONG WOMEN WHO DELIVERED LIVEBORN INFANTS (727) | 8:30 - 10 a.m.
 Eworuke, E., Goulding MR, Panucci G., Toh D.

Wednesday, August 30 (continued)

Session C: Causal Relationships in Pharmacoepidemiology
POSTER PRESENTATION: ASSOCIATION OF CHRONIC HEPATITIS C VIRUS INFECTION AND THE RISK OF CARDIOVASCULAR DISEASE IN THE U.S. (916) | 8 a.m. - 1:45 p.m.
 Wei Wang, Chao Chen, Haesuk Park

Session C: Spotlight Session – Medical Devices
POSTER PRESENTATION: INFERIOR VENA CAVA FILTER RETRIEVAL RATES AND FACTORS ASSOCIATED WITH RETRIEVAL IN THE UNITED STATES (827) | 8 a.m. - 1:45 p.m.
 Joshua D. Brown, PharmD, PhD

Session C: Spotlight Session – Medical Devices
POSTER PRESENTATION: CAUSES OF READMISSION AFTER VENOUS THROMBOEMBOLISM WITH OR WITHOUT VENA CAVA FILTERS IN THE UNITED STATES (826) | 12:15 - 1:15 p.m.
 Ming Chen, MSc, Joshua D. Brown, PharmD, PhD

An ISPE Special Interest Group (SIG) Spotlight Session
POSTER PRESENTATION: AGREEMENT BETWEEN BIRTH CERTIFICATES AND MEDICAID ANALYTIC EXTRACT DATA ON MAJOR BIRTH DEFECTS (834) | 12:15 - 1:15 p.m.
 Wang X, Zhu Y, Albogami Y, Winterstein AG

Session C: What a Pain! – Medications Use for Pain Management
POSTER PRESENTATION: DIFFERENCES IN CHRONIC PAIN, PAIN SITES, AND ANALGESIC USE BY BODY MASS INDEX AMONG U.S. ADULTS FROM NHANES (1051) | 8 a.m. - 1:45 p.m.
 Cheng Chen, Yu-Jung Wei

Session C: Regulatory/Programme Evaluation
POSTER PRESENTATION: CONSEQUENCES OF FDA MODIFIED RECOMMENDATIONS ON ERYTHROPOIESIS-STIMULATING AGENT USE AMONG PATIENTS WITH NON-DIALYSIS-DEPENDENT CHRONIC KIDNEY DISEASE IN TRUVEN MARKETSCAN DATABASE (1009) | 8 a.m. - 1:45 p.m.
 Xinyue Liu, Haesuk Park, Wei Liu

Session C: Risk Prediction
POSTER PRESENTATION: DEVELOPMENT OF A PREDICTION MODEL INCLUDING MODIFIABLE RISK FACTORS FOR UNCONTROLLED CLOSTRIDIUM DIFFICILE INFECTION USING HOSPITAL ELECTRONIC HEALTH RECORDS (1015) | 8 a.m. - 1:45 p.m.
 Nakyung Jeon, Ben Staley, Alex Schlachterman, Carl Henriksen, Gigi Lipori and Almut G. Winterstein

Session C: Risk Prediction
POSTER PRESENTATION: IDENTIFICATION OF RISK FACTORS ASSOCIATED WITH DRUG-INDUCED SEVERE HYPOGLYCEMIA AMONG HOSPITALIZED PATIENTS. A PREDICTIVE MODEL USING ELECTRONIC MEDICAL RECORDS (3068) | 8 a.m. - 1:45 p.m.
 Rene Soria-Saucedo, Yoonyoung Choi, Benjamin Staley, Carl Henriksen, Almut G. Winterstein