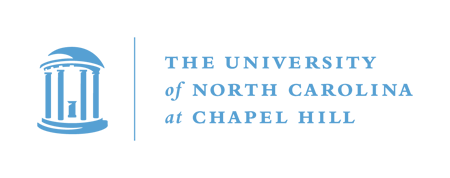
**The UNC Pharmacoepidemiology Program**

Presentations at the 30th International Conference on

Pharmacoepidemiology & Therapeutic Risk Management

Taipei – October 24-27, 2014

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| **PRE-CONFERENCE EDUCATIONAL SESSIONS** | | |
| **Date & Time** | **Room** | **Session** |
| Friday, Oct 24  8:30 AM – 12:30 PM | 201ABC | Comparative Effectiveness Research  *Jeremy Rassen, Cynthia Girman,* ***Michele Jonsson Funk****, Joshua Gagne* |
| Friday, Oct 24  2:00 – 6:00 PM | 201E | Advanced Topics in Pharmacoepidemiology (Chinese)  *K. Arnold Chan, Edward Chia-Cheng Lai, Chia-Hsien Chang,* ***Jin-Liern Hong*** |

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| **ACADEMIC SHOWCASE** | Come meet us at our table at the Academic Showcase. Friday, Oct 24, 6:00 – 7:30 PM, in the Banquet Hall |

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| **UNC ALMUNI RECEPTION** | Please join us for a UNC Alumni Reception. Friday, Oct 24, 7:45-9:00 PM at the Cheers Lounge Bar and Restaurant, Located on the 1st floor of the Grand Hyatt Taipei |

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| **SATURDAY, OCTOBER 25 ORAL PRESENTATIONS, SYMPOSIA, WORKSHOPS & PLENARY** | | | | |
| **Time** | **Session & Room** | | | **Presentation** |
| 8:00 AM | Welcome - *Plenary Hall* | | | *Soko Setoguchi, Yea-Huei Kao Yang,* ***Til Stürmer*** |
| 10:30 AM | All About Statins - *201BC* | | | Effect of Statin Use on Acute Kidney Injury Following Elective Cardiothoracic Surgery: A Population Cohort Study in Denmark [1]  ***J Bradley Layton****, Malene K Hansen, Carl-Johan Jakobsen, Jan J Andreasen, Vibeke E Hjortdal, Bodil S Rasmussen,* ***Abhijit V Kshirsagar****,* ***Ross J Simpson****, Christian F Christiansen* |
| 11:30 AM | All About Statins - *201BC* | | | Statin Initiation in a Closed Cohort of U.S. Women over Two Decades [5]  ***Tracy L Kinsey****,* ***Til Stürmer****, Robert J Glynn* |
| 11:30 AM | Women's Health - *102* | | | Rates of opioid-managed pelvic pain after sterilization by implanted device vs. tubal ligation, U.S. 2005-2011 [35]  ***Mitchell M Conover****, Jennifer M Wu,* ***Alan C Kinlaw****, Jennifer O Howell,* ***Michele Jonsson Funk*** |
| 11:45 AM | Biologics Bouillabaisse - *201AF* | | | Payer-Level Differences in the Response to Regulatory Actions Regarding Bevacizumab [12]  ***Stacie B Dusetzina****, Shellie D. Ellis, Rachel A. Freedman, Aaron N Winn, James Chambers, Rena M. Conti, G. Caleb Alexander, Haiden A Huskamp, Nancy L Keating* |
| 1:45 PM | Pseudorandom Exposures - *4th VIP* | | | Using Simulation to Explore the Properties of IV Bias Amplification and Unmeasured Confounding [56]  ***Jonathan V Todd****,* ***M Alan Brookhart*** |
| 2:00 PM | Pseudorandom Exposures - *4th VIP* | | | Instruments and Doubly Robust Estimation: Bias and Efficiency Compared to Conventional Estimators [57]  ***Michele Jonsson Funk****,* ***Virginia Pate****,* ***Til Stürmer*** |
| 3:30 PM | **Plenary - *Plenary Hall*** | | | Development in Pharmacoepidemiological Methods: Current Status and Future Direction  ***Kenneth J. Rothman, Robert Glynn, Miguel Hernan, Olaf Klugel, Soko Setoguchi, Til Stürmer*** |
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| **SATURDAY, OCTOBER 25 POSTERS** | | | | |
| **Session** | | **#** | **Poster** | |
| Spotlight – Top 8 | | 5 | Prevalence of Potentially Inappropriate Medication Prescribing Among Older US Adults Using STOPP Criteria [84]  *Marcela Jirón,* ***Virginia Pate, Michele Jonsson Funk, Til Stürmer*** | |
| Spotlight – DUR/HSR | | 36 | AHRQ/HCUPNet-Derived Pharmacoepidemiologic Evidence on Ventilation-Associated Iatrogenic Pneumothorax [115]  *Yelizaveta Torosyan, Qianlai Luo,* ***Sarah Hoffman****, Danica Marinac-Dabic* | |
| DUR/HSR | | 38 | Differential Healthcare Utilization in Metformin vs. Sulfonylureas Users Pre- and Post-Initiation [117]  ***Jin-Liern Hong, Michele Jonsson Funk, Jennifer L Lund, Virginia Pate, Til Stürmer*** | |
| DUR/HSR | | 97 | Characteristics of Patients with Depression Who Initiate Antidepressant and Benzodiazepine Therapy Simultaneously, Compared with Antidepressant Monotherapy [176]  ***Greta A Bushnell, Alice White, Til Stürmer,*** *Bradley N Gaynes,* ***Virginia Pate****, Deborah Azrael, Matthew Miller* | |
| DUR/HSR | | 115 | Patterns of Analgesic Initiation among Hemodialysis Patients [194]  ***Magdalene M Assimon, Anne M Butler, Lily Wang, Abhijit V Kshirsagar, M Alan Brookhart*** | |

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| **SUNDAY, OCTOBER 26 ORAL PRESENTATIONS** | | | | |
| **Time** | **Session & Room** | | | **Presentation** |
| 8:00 AM | How Thin Is Your Blood? - *201DE* | | | Avoiding “Crystal Ball” Epidemiology: The Case of Low-Dose Aspirin and Major Bleeding [331]  ***Jennifer L Lund****,* ***Til Stürmer****, Erzsebet Horvath-Puho, Szimonetta Szépligeti, Lars Pedersen, Vera Ehrenstein, Henrik T Sorensen, John A Baron* |
| 8:45 AM | Well-adjusted by Design - *4th VIP* | | | Controlling Time-Dependent Confounding by Frailty: Restriction Versus Statistical Adjustment [346]  ***Leah J McGrath, Alan R Ellis, M Alan Brookhart*** |
| 9:15 AM | How Thin Is Your Blood? - *201DE* | | | Utilization of Anticoagulants in Atrial Fibrillation: Influences of Clinical Risk Scores in Real-World Practice [336]  ***Julie C Lauffenburger****, Joel F Farley, Denise H Rhoney, Anil K Gehi,* ***M Alan Brookhart****, Gang Fang*  *\*Award for third best abstract from a student/post-doc* |
| 9:15 AM | Well-adjusted by Design - *4th VIP* | | | Comparing Estimation Strategies for Disease Risk Scores: A Simulation Study [348]  ***Richard Wyss, M Alan Brookhart, Virginia Pate, Til Stürmer*** |
| 10:15 AM | Don't Go Breaking My Heart - *201BC* | | | Comparative Cardiovascular Safety of Testosterone Formulations in the United States and United Kingdom [356]  ***J Bradley Layton****, Julie L Sharpless, Christoph R Meier,* ***Til Stürmer****, Susan S Jick,* ***M Alan Brookhart*** |
| 10:15 AM | Not All Diabetes Are Alike: Issues of Diagnosis - *201DE* | | | Identification of Prediabetes, Healthcare Utilization and Progression to Diabetes in CPRD [368]  ***Jin-Liern Hong****, Ann Marie McNeill, Jinghua He, Kimberly Brodovicz.* |
| 10:45 AM | Diverse Topics in Pediatric Populations - *103* | | | Antimuscarinic Utilization in the Pediatric Population in the United States, 2000-2011 [352]  ***Alan Kinlaw****, Jennifer Wu,* ***Mitchell M Conover****,* ***Virginia Pate****,* ***Michele Jonsson Funk*** |
| 10:45 AM | PS or What??? - *4th VIP* | | | Trimming on Propensity or Disease Risk Scores to Enhance Validity in the Design of Comparative Effectiveness Studies [376]  *Robert J Glynn, Mark Lunt,* ***Til Stürmer*** |
| 11:30 AM | Roundtable Discussion – *Banquet Hall* | | | **Challenges and Approaches to Controlling for Confounding in Pharmacoepidemiology**  ***Til Stürmer*** |
| 2:30 PM | Annual Meeting – *Plenary Hall* | | | Presidential Address  ***Til Stürmer*** |
| 2:30 PM | Awards Ceremony - *Plenary Hall* | | | Assessment of Prediabetes in the United Kindgom CPRD and Its Association with Incident Cancers [385]  ***Jin-Liern Hong****, Ann Marie McNeill, Jinghua He, Kimberly Brodovicz*  *\*The Stanley A. Edlavitch Award for best abstract submitted by a student/post-doc* |
| 4:30 PM | Symposium –  *Plenary Hall* | | | **Guidelines and Recommendations for Comparative Effectiveness Research (CER) Methods: International Assessment and Exchange [389]**  *Eunsun Noh, Nancy A Dreyer, Jeonghoon Ahn, Thamir M Alshammari, Mary E Ritchey,* ***J Bradley Layton****, Aisling R Caffrey* |
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| **SUNDAY, OCTOBER 26 POSTERS** | | | | |
| **Session** | | **#** | **Poster** | |
| CER | | 67 | Effect of Body Mass Index on Choice of Initiating Diabetes Therapies [459]  ***Mugdha N Gokhale****, John B Buse,* ***Til Stürmer*** | |
| CER | | 72 | Inverse-Probability-of-Selection Weighting of Rich Subsample Data Provides Informed Estimates of Treatment Effects for a Larger Sample [464]  ***Alan R Ellis****,* ***M Alan Brookhart*** | |
| CER | | 86 | Preference-Based Instrumental Variable (IV) Methods in the Comparative Effectiveness of Osteoporosis (OP) Medications in Women with Postmenopausal Osteoporosis (PMO) Using the MarketScan Database [478]  ***Jane S Der****,* ***M Alan Brookhart****, Fei Xue* | |
| CER | | 96 | Marginal Structural Model Simulation: the Effect of Omitting a Variable from the Outcome Model When It Is Present in the Numerator Model [488]  ***Alan R Ellis****,* ***M Alan Brookhart.*** | |
| Spotlight – CER SIG | | 104 | Accounting for Treatment Complexity in Propensity Score Estimation: Case Study from of Type 2 Diabetes (T2DM) [496]  *Mary E Ritchey, Yong Chen,* ***Michele L Jonsson Funk****, Kimberly G Brodovicz* | |
| Spotlight – CER SIG | | 107 | Comparative effectiveness of contemporary adjuvant chemotherapy options among older rectal cancer patients [499]  ***Jennifer L Lund****, Hanna K Sanoff,* ***Til Stürmer*** | |
| Spotlight – CER SIG | | 110 | Radiographic and Endoscopic Diagnostic Workup around Initiation of Oral Bisphosphonates [502]  ***Xiaojuan Li****, Yong Chen,* ***Mugdha Gokhale****, Julie Chandler, Annie McNeill, Cynthia J Girman,* ***Til Stürmer*** | |
| Spotlight – CER SIG | | 111 | Using Refill Information to Improve the Performance of Preference-Based Instrumental Variables [503]  ***Jane S Der****,* ***M Alan Brookhart****, Cathy W Critchlow,* ***Vamshidar Goli****, Fei Xue* | |
| Classical PE | | 125 | Fracture Risk among Depressed Patients Initiating SNRIs vs SSRIs Antidepressants  Yi-han Sheu, Amy Lanteigne, **Til Stürmer**, **Virginia Pate**, Deborah Azrael, Matthew Miller | |

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| **MONDAY, OCTOBER 27 PRESENTATIONS** | | | | | |
| **Time** | **Session** | | | **Presentation** | |
| 10:30 AM | Symposium – 4th VIP | | | How Do We Overcome Challenges of Diverse Views in Multi-Displinary Collaboration on CER?  *Cynthia J Girman, Sebastian Schneeweiss, Leona E. Markson,* ***Til Stürmer*,** *Stella Blackburn* | |
| 1:45 PM | Probably a Good Link – *201DE* | | | Performance of Methods for Linking Registry Data to Insurance Claims When Unique Identifiers Are Unavailable [652]  ***Stacie B Dusetzina****, Seth Tyree,* ***Anne-Marie Meyer****, William Carpenter* | |
| 2:30 PM | For Better or for Worse - *103* | | | Testosterone Laboratory Testing and Testosterone Supplementation Use among Adult Males in Denmark [673]  *Thomas B Rasmussen, Helene Nørrelund, Sinna P Ulrichsen,* ***J Bradley Layton****,* ***M Alan Brookhart****, Henrik T Sørensen, Christian F Christiansen* | |
| 2:45 PM | Probably a Good Link – *201DE* | | | Accounting for Outcome Misclassification in Pharmacoepidemiologic Studies [656]  ***Xiaojuan Li****, Nihan Potas,* ***Anne M Butler****, Jess Edwards, Jason Fine,* ***M Alan Brookhart*** | |
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| **MONDAY, OCTOBER 27 POSTERS** | | | | |
| **Session** | | **#** | **Poster** | |
| Database | | 9 | Realistic Power Estimation for New User, Active Comparator Studies: An Empirical Example [690]  ***Mugdha Gokhale****, John B Buse,* ***Til Stürmer*** | |
| Database | | 42 | Comparative Safety of Antimuscarinics among Adults in the United States, 2000–2011 [723]  ***Alan Kinlaw****, Jennifer Wu,* ***Mitchell M Conover****,* ***Michele Jonsson Funk*** | |
| Database | | 54 | Concordance of myocardial infarction (MI) between Medicare & Atherosclerosis Risk in Communities (ARIC) study [735]  ***Montika Bush****,* ***Til Stürmer****, Sally Stearns,* ***Ross J Simpson Jr****,* ***M Alan Brookhart****, Anna Kucharska-Newton* | |
| Methods Potpourri | | 116 | Refill Variables in Administrative Claims Data – Potential Implications for Defining New Medication User Cohorts [797]  ***Jane S Der****,* ***M Alan Brookhart****, Fei Xue* | |
| CV Outcomes | | 152 | Temporal Changes in the Prescribing Propensity Following Safety Warnings [833]  ***Elizabeth M Garry****, John B Buse,* ***Virginia Pate****,* ***Til Stürmer*** | |
| Spotlight – Device SIG | | 229 | Creation and Use of a "Lag Time" Variable for Comparative Effectiveness Research Using Claims Data [910]  ***Sarah R Hoffman****, Nilsa Loyo-Berrios, Manuel Bayona, Megan Gatski, Veronica A Price* | |

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| Featuring collaborations with the following institutions: | | |
| Aalborg University, Denmark  Aarhus University, Denmark  Amgen  Boston University  Brigham & Women’s Hospital  Community Care of North Carolina  Dana Farber Cancer Institute  Harvard University | Johns Hopkins University  Johnson & Johnson  Merck  North Carolina State University  Proctor & Gamble  RTI Health Solutions  Tufts University  University of Basel, Switzerland | University of Chicago  University of Chile  University of Kansas  University of Manchester, United Kingdom  US Food & Drug Administration  Western Denmark Heart Registry |

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