

CURRICULUM VITAE

Date Prepared: February 16, 2022
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Place of Birth: Wilrijk, Belgium

Education

1988	BS <i>Cum Laude</i>	Applied Economics	University of Antwerp, Antwerp, Belgium
1990	MS <i>Magna cum Laude</i>	Applied Economics - Finance	University of Antwerp
2010	PhD	Epidemiology (Thesis Advisor: Prof. Dr. Kenneth J. Rothman)	Boston University School of Public Health, Boston, MA

Faculty Academic Appointments

2010-13	Instructor	Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics	Harvard Medical School
2013-18	Assistant Professor	Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics	Harvard Medical School
2013-21	Adjunct Assistant Professor	Department of Epidemiology	Boston University School of Public Health, Boston, MA
2018-	Associate Professor	Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics	Harvard Medical School
2018-	Associate Professor	Epidemiology	Harvard T.H. Chan School of Public Health
2021-	Adjunct Associate Professor	Department of Epidemiology	Boston University School of Public Health

Appointments at Hospitals/Affiliated Institutions

2009-10	Project Manager	Medicine, Division of Pharmacoepidemiology &	Brigham and Women's Hospital, Boston, MA
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2010	Research Associate	Pharmacoeconomics Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics	Brigham and Women's Hospital
2010-	Associate Epidemiologist	Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics	Brigham and Women's Hospital

Other Professional Positions

1990-91	Health Economics Research Assistant		Center for Economic and Social Research, University of Antwerp, Antwerp, Belgium
1991-97	Manager, International Outcomes Research		Janssen Pharmaceutica N.V., Beerse, Belgium
1997-07	Senior Researcher		Caro Research Inc., Concord, MA
2007-10	Research Scientist		United BioSource Corporation, Lexington, MA

Major Administrative Leadership Positions

2014-21	Associate Director of Research Administration		Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics, Brigham and Women's Hospital
2018-	Director of the Harvard Program in Perinatal and Pediatric Pharmacoepidemiology (H4P)		Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics, Brigham and Women's Hospital
2021-	Senior Director of Research Operations		Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics, Brigham and Women's Hospital

Committee Service

Local

2011-13	Member, doctoral research committee Kristin Palmsten		Harvard T.H. Chan School of Public Health
2015-16	Member, doctoral research committee Yoonyoung Park		Harvard T.H. Chan School of Public Health
2016-17	Member, doctoral research committee Kathryn McInerney		Boston University School of Public Health
2016-19	Member, doctoral research committee John Rippolone		Boston University School of Public Health
2017-	Member, doctoral research committee Daina Esposito		Boston University School of Public Health
2018-20	Member, doctoral research committee Katrina Mott		Harvard T.H. Chan School of Public Health
2018	Member, Oral Examination Committee		Harvard T.H. Chan School of Public Health

2018-20	Jenny Sun Chair, doctoral research committee	Harvard T.H. Chan School of Public Health
2018	Jenny Sun External Reviewer, Master's thesis	Harvard Medical School; Master of Medical Sciences in Clinical Investigation
2018-19	Ming Wai-kit Ming Primary advisor, Dr. Alejandro Szmulewicz	Harvard T.H. Chan School of Public Health
2019-20	Primary advisor, Kathleen Tang	Harvard T.H. Chan School of Public Health
2018-19	Member, Faculty Development Strategic Planning Subcommittee	Brigham and Women's Hospital
2019-20	Member, Faculty Departure Program Working Groups	Brigham and Women's Hospital
2019-	Member, Admissions Committee, Pharmacoepidemiology	Harvard T.H. Chan School of Public Health
2020	Member, Oral Examination Committee	Harvard T.H. Chan School of Public Health
2020	Nazleen Kahn Member, Postpartum Depression Workgroup	Massachusetts Department of Public Health
2021	Chair, Biostatistics Faculty Search Committee	Brigham and Women's Hospital
2021-	Member, doctoral research committee	Boston University School of Public Health
2021-	Jennifer Yland Primary advisor, Sonia Kim	Harvard T.H. Chan School of Public Health
2021-	Primary advisor, Motohiko Adomi	Harvard T.H. Chan School of Public Health

National

03/2018	Ad hoc member of the Mental Health Services Research Committee	National Institute of Mental Health, National Institutes of Health
11/2018	Ad hoc member of Special Emphasis Panel for Translational Research in Pediatric and Obstetric Pharmacology and Therapeutics	National Institutes of Health
07/2020	Member, Data Safety Monitoring Board for the PCORI-funded study "Comparative Effectiveness of Pharmacogenomics for Treatment of Depression (CEPIO-D)"	Massachusetts General Hospital (coordinating center)
2019-	Member, FDA Drug Safety and Risk Management (DSaRM) Advisory Committee	Food & Drug Administration

Professional Societies

International Society for Pharmacoepidemiology

2011-	Reviewer of abstracts submitted to Annual Conference	
2012	Session Moderator	
2012	Symposium Organizer "Electronic healthcare databases for pregnancy research: Panacea or Trojan horse?"	
2013	Symposium Organizer "Welcoming advanced methods into the world of pregnancy research"	
2014-	Member, Core Scientific Program Committee	
2015	Chair, Scientific Program Committee for the Society's annual international meeting	

2015- Teaching Faculty: Modern Pregnancy Pharmacoepidemiology Course
 2016 Organizer, Keynote Address “Representative Sampling in Pharmacoepidemiology: A Hot Topic or Hot Air?”
 2017-20 Member, Executive Committee
 2017 Vice President Finance Elect
 2018-20 Vice President Finance
 2019-20 Member, Strategic Planning Committee
 2020- Member, Finance Committee

Marcé of North America (Perinatal Mental Health Society)

2022- Treasurer

International Health Economics Association

1999 Member, Abstract Selection Committee

International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

2000-2005 Member, Abstract Selection Committee

2004 Judge, Poster Presentations

1999-2004 Workshop organizer and presenter (15 educational workshops related to the use of advanced methods in pharmacoeconomics and outcomes research)

Editorial Activities

2018 - Associate Editor, Pharmacoepidemiology and Drug Safety

***Ad hoc* Reviewer**

Annals of Epidemiology, Annals of Internal Medicine (*recognized for high quality of reviews, 2017), British Journal of Clinical Pharmacology, British Medical Journal, British Medical Journal Quality & Safety, BMC Psychiatry, Canadian Medical Association Journal (*recognized for high quality of reviews, 2014, 2016), CNS Drugs, Epidemiology, Health Policy, International Journal of Geriatric Psychiatry, Journal of Clinical Epidemiology (*recognized for high quality of reviews, 2013), Journal of Clinical Psychiatry, Journal of Women’s Health, Journal of the American Medical Association (JAMA), JAMA Pediatrics, JAMA Psychiatry, Medical Care, Medical Principles and Practice, Medicare and Medicaid Research Review, New England Journal of Medicine, Pediatric and Perinatal Epidemiology, Pharmacoepidemiology and Drug Safety (*recognized for high quality of reviews, 2013), PLOS One, Value in Health

Honors and Prizes

1990	Dr. Paul Janssen Health Economics Prize	Belgian Association of Health Economists	Best Master’s thesis in the field of Health Economics
2010	School of Public Health Dean’s Award	Boston University School of Public Health	Best public health research project presented at Science and Engineering Day
2010	Best Student Drug Utilization Abstract	International Society for Pharmacoepidemiology	Best student abstract submitted to the 26 th International Conference on Pharmacoepidemiology

2011	Induction in <i>Delta Omega (Alpha Beta chapter)</i>	Honorary Society in Public Health	& Therapeutic Risk Management Academic achievement as a graduating student
2013	2012 Mitchell B. Balter Award	Journal of Clinical Psychopharmacology	Best pharmaco-epidemiology article of the year
2013	Best Poster	International Society for Pharmacoepidemiology	Best poster presentation in the category “Comparative Effectiveness Research” submitted to the 29 th International Conference on Pharmacoepidemiology & Therapeutic Risk Management
2015	“Top 10 Clinical Research Achievement Award”	Clinical Research Forum	Awarded to ten best clinical research publications in 2015
2016	2016 DOM Early Career Faculty Mentoring Award	Department of Medicine, Brigham and Women’s Hospital	Awarded in recognition of commitment to mentoring faculty and fellows in the Department of Medicine
2016	Fellow of the International Society for Pharmacoepidemiology (FISPE)	International Society for Pharmacoepidemiology	Fellowship awarded in recognition of substantial scholarship, leadership role in the Society, and leadership in the discipline of pharmacoepidemiology
2017	Elected Vice President Finance	International Society for Pharmacoepidemiology	
2019-2020	Brigham Leadership Program	Brigham and Women’s Hospital	Selected as a member of the 2019 – 2020 cohort of the Brigham Leadership Program
2021	Elected Treasurer	Marcé of North America	

Funding Information

Past

2008-10	Doctoral research supported by BUSPH Pharmacoepidemiologic Fellowship
2008-11	Comparative Safety and Effectiveness of Antipsychotics (PI: Prof. S. Crystal, Rutgers University) Agency for Healthcare Research and Quality (AHRQ) U18-HS017918 Co-Investigator
2011-12	Instrumental variable analysis for comparative effectiveness studies in nursing home populations: validity of instruments based on nursing home prescribing preferences (Developing Evidence to Inform Decisions about Effectiveness (DEcIDE) Methods Center PI: Prof. S. Schneeweiss)

AHRQ HHS-290-2005-00161
 Project PI

2009-4 Comparative Effectiveness and Safety of Depression Treatments During Pregnancy (PI: Prof. S. Hernandez-Diaz, Harvard T.H. Chan School of Public Health)
 AHRQ R01-HS018533
 Site PI

2012-17 Comparative Effectiveness of Oral Anticoagulants (PI: Prof. S. Schneeweiss)
 Boehringer Ingelheim GmbH
 Co-Investigator

2014-17 Comparative Safety of commonly prescribed Psychotropic Drugs in pregnant Women (PI: Prof. S. Hernandez-Diaz, Harvard T.H. Chan School of Public Health)
 NIMH: R01 MH100216-01A1
 Co-PI – effort subsumed under K01 award

2016-17 Using Claims Data to Define Opioid Misuse and Abuse (PI: Brian Bateman)
 Pfizer Inc.
 Co-Investigator

2016-17 Observational Study to Assess Maternal and Fetal Outcomes Following Exposure to Albiglutide during Pregnancy (PI: Prof. S. Hernandez-Diaz, Harvard T.H. Chan School of Public Health)
 GlaxoSmithKline
 Co-Investigator

2013-18 Improved Methods to Assess the Comparative Safety of New Psychiatric Medications
 National Institutes of Health (NIH) - National Institute of Mental Health (NIMH):
 1K01MH099141-01A1
 Principal Investigator

2016-18 Observational Studies to Assess Maternal and Fetal Outcomes Following Exposure to Duloxetine
 Eli Lilly and Company
 Principal Investigator

2017-19 Ondansetron and risk of congenital malformations
 NIH: National Institute of Child Health and Human Development 1R03HD091699-01
 Principal Investigator

2017-19 International Pooling Project to Study the Safety of Drugs in Pregnancy (PI: Prof. S. Hernandez-Diaz, Harvard T.H. Chan School of Public Health)
 NIH: National Institute of Child Health and Human Development 1R21HD092879-01
 Site-PI

2020 Observational Studies to Assess Maternal and Fetal Outcomes Following Exposure to Duloxetine: Sensitivity Analyses
 Eli Lilly and Company
 Principal Investigator

2017-21 The Impact of Prescription Opioid Use on Pregnancy Outcomes (PI: Brian Bateman)
 NIH: National Institute on Drug Abuse 1R01DA044293-01A1
 Co-Investigator

2017-21 Developing the capability of using national Medicaid data for FDA post-marketing surveillance to assess medication safety during pregnancy.
 US Food and Drug Administration
 Principal Investigator

2020-21 The Comparative Effectiveness and Safety of Pharmacotherapies for the Treatment of

Opioid Use Disorder in Pregnancy: Administrative supplement focused on maternal mortality

NIH: National Institute on Drug Abuse R01 DA049822 - administrative supplement

Principal Investigator (MPI)

Current

- 2018-23 In-utero Exposure to Psychotropic Medications and the Risk of Neurodevelopmental Disorders
NIMH: National Institute of Mental Health 1R01MH116194-01
Principal Investigator
- 2019-24 Comparative Safety of Non-Insulin Agents in Pregnant Women with Pregestational Diabetes (PI: Sonia Hernandez-Diaz, Harvard T.H. Chan School of Public Health)
NICHD: R01HD097778
Co-Investigator
- 2019-24 Randomized cardiovascular trials duplicated using prospective longitudinal insurance claims: applying techniques of epidemiology (RCT DUPLICATE) (PI: Jessica Franklin)
NIH: National Heart, Lung, and Blood Institute/ R01HL141505
Co-Investigator
- 2020-24 The Comparative Effectiveness and Safety of Pharmacotherapies for the Treatment of Opioid Use Disorder in Pregnancy
NIH: National Institute on Drug Abuse R01 DA049822-01
Principal Investigator (MPI)
- 2020-24 Identification of Novel Agents to Treat PTSD using Clinical Data
NIH: National Institute of Mental Health R01 MH121397-01
Site-PI (subcontract to Trustees of Boston University)
- 2020-23 Risk Evaluation and Mitigation Strategy (REMS) Programs to Promote Appropriate Medication Use and Knowledge: A Multimodal Analysis (PI: Ameet Sarpatwari and Aaron Kesselheim)
US Food and Drug Administration
Co-Investigator
- 2021-26 Active Surveillance of the Safety of Antipsychotic Medications in Pregnancy
NIH: National Institute of Child Health and Human Development R01HD104646
Principal Investigator (MPI)
- 2021-26 An Expanded National Cohort Study of Transgender People (PI: Goodman)
NIH: National Institute on Aging R01 AG066956
Co-Investigator

Teaching of Students in Courses

Boston University School of Public Health

- | | | |
|------------|---|--------------|
| 2009 | Modern Epidemiology
Epidemiology graduate students | 3-hr lecture |
| 2009, 2010 | Introduction to Epidemiology | 3-hr lecture |

Epidemiology graduate students

2013, 2015, 2017, 2019 Pharmacoepidemiology
Epidemiology graduate students Originator and instructor, 4 credit course

HMS/HSDM/DMS Courses

2013, 2014, 2016, 2018, 2019 Translational Pharmacology:
Pharmaco-epidemiology, pharmaco-economics,
and pharmaco-vigilance (ME733.0)
Graduate students and post-graduate M.D.s 3-hr case study session (all years)
2-hr and two 1-hr lectures (2019)

2015, 2016, 2017, 2019 T3/T4 Research: Translating Effective
Interventions into Practice 1-hr lecture
Part of the Harvard Clinical and Translational
Science Center (Catalyst) Postgraduate
Education Program in Clinical and Translational
Science

2015, 2016 Translational Medicine: Unmet Medical Needs
and Translational Solutions 3.5-hr lecture
HMS TransMed Course (BCMP 311qc)
Serves MD, MD/PhD, and PhD students from
Harvard Medical School, Harvard University,
and MIT, and MD students and fellows from
other US and international institutions

2016, 2017 Introduction to Comparative Effectiveness
Research (on-line course) 1-hr lecture
Part of the Harvard Catalyst Postgraduate
Education Program in Clinical and Translational
Science

2019, 2020 Clinical Data Science Program: Large claims
databases for pregnancy research (Master in
Clinical Investigation) 2-hr lecture

2020, 2021, 2022 Essentials of the Profession: Clinical
Epidemiology and Population Health Four 2-hr small group sessions
(2020); eight 2-hr small group
sessions (2021, 2022)

Harvard T.H. Chan School of Public Health

2013, 2015, 2016, 2018, 2019, 2020 Advanced Pharmacoepidemiology (EPI 286)
Epidemiology graduate students 2-hr lecture

2017, 2018, 2019, 2020 Pharmacoepidemiology (EPI 221)
Epidemiology graduate students 2-hr lecture

Summer 2013, 2015, 2016, 2018, 2020	Introduction to Clinical Epidemiology (EPI 208) Participants in Program in Clinical Effectiveness	Workshop faculty leader, two 2-hr sessions (4-5 students each)
2014	Health Services Research (EPI 235) Epidemiology graduate students	1-hr lecture
Summer 2020	Effectiveness Research with Longitudinal Healthcare Databases (EPI 253)	1.5-hr lecture; Workshop faculty leader (two 90-min sessions)
2021	Database Analytics in Pharmacoepidemiology (EPI 286) Epidemiology Graduate Students	Instructor

Laboratory and Other Research Supervisory and Training Responsibilities

2011 -	Advisor for trainees and junior clinical HMS faculty on issues related to study design, data analysis and interpretation of study findings	Weekly
2014-20	Supervise team of 10 analysts	Monthly
2014-	Supervise team of 12 Research Specialists	Weekly

Mentored Trainees and Faculty

2011-12	Shu-Hui Chiang, MS candidate, Harvard T.H. Chan School of Public Health Co-mentor of thesis in partial fulfillment of the requirements for the degree of Master of Science
2011-13	Kristin Palmsten, ScD candidate, Harvard T.H. Chan School of Public Health Member of doctoral research committee; five manuscripts published; recipient of the 2013 Lilienfeld Award (Society for Epidemiologic Research)
2012-13	Sonja Swanson, ScD candidate, Harvard T.H. Chan School of Public Health Mentor on student research project to evaluate the comparative effectiveness of antidepressant medications during pregnancy; manuscript published.
2013-14	Yoonyoung Park, ScD candidate, Harvard T.H. Chan School of Public Health Mentor on student research project to improve confounding control when evaluating the comparative safety of antipsychotic medications in the elderly; podium presentation at International Conference on Pharmaco-Epidemiology (ICPE) 2014, manuscript published.
2013-15	Rishi Desai, PhD, Post-Doctoral Research Fellow, Division of Pharmacoepidemiology & Pharmacoeconomics, HMS Mentor on several studies related to the safety of psychopharmacological agents; eight manuscripts published together.
2014-16	Kathryn Rough, ScD candidate, Harvard T.H. Chan School of Public Health Mentor on student research project to describe utilization patterns and adverse events among potential aberrant opioid users; recipient of 2015 ICPE Best Student Abstract (2 nd place); manuscript on Centers for Medicare & Medicaid Services

- (CMS) policy to suppress drug abuse-related claims published in JAMA.
- 2014- Shirley Wang, PhD, Associate Professor of Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics, HMS
Co-mentor, involving weekly meetings
- 2015-16 Yoonyoung Park, ScD candidate, Harvard T.H. Chan School of Public Health
Member of doctoral research committee; recipient of 2015 ICPE Best Student Abstract (3rd place); dissertation study selected by AJP for release during APA Annual meeting and invited to press briefing
- 2016-17 Anna Cantarutti, visiting PhD candidate, Università degli Studi di Milano-Bicocca, Milano
Advisor on dissertation research
- 2017-18 Anna Cantarutti, visiting Post-Doctoral Research Fellow, Università degli Studi di Milano-Bicocca, Milano
Mentor on post-doctoral research studies
- 2016-19 John Rippolone, PhD candidate, Boston University School of Public Health
Member of doctoral research committee
- 2016-19 Kathryn McInerney, PhD candidate, Boston University School of Public Health
Member of doctoral research committee
- 2017-22 Daina Esposito, PhD candidate, Boston University School of Public Health
Member of doctoral research committee
- 2017-20 Jenny Sun, PhD candidate, Harvard T.H. Chan School of Public Health
Chair of doctoral research committee
- 2018-20 Katrina Mott, PhD candidate, Harvard T.H. Chan School of Public Health
Member of doctoral research committee
- 2018-20 Yanmin Zhu, Post-Doctoral Research Fellow, Division of Pharmacoepidemiology & Pharmacoeconomics, HMS
Mentor on various research studies in perinatal pharmacoepidemiology
- 2018-19 Nicole Tsao, Post-Doctoral Research Fellow, Division of Pharmacoepidemiology & Pharmacoeconomics, HMS
Mentor on various research studies in perinatal pharmacoepidemiology
- 2018-21 Alejandro Szmulewicz, PhD candidate, Harvard T.H. Chan School of Public Health
Mentor on student research projects to evaluate the interaction between opioids and CNS depressant drugs and the risk of overdose
- 2019-20 Kathleen Tang, MS Candidate, Harvard T.H. Chan School of Public Health
Mentor of thesis in partial fulfillment of the requirements for the degree of Master of Science
- 2021- Sonia Kim, MS Candidate, Harvard T.H. Chan School of Public Health
Mentor of thesis in partial fulfillment of the requirements for the degree of Master of Science
- 2021- Jennnifer Yland, PhD Candidate, Boston University School of Public Health
Member of doctoral research committee

- 2022- Motohiko Adomi, MS Candidate, Harvard T.H. Chan School of Public Health
Mentor of thesis in partial fulfillment of the requirements for the degree of Master of Science
- 2021- Katsiaryna Bykov, PharmD ScD, Assistant Professor of Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics, HMS
Primary Mentor on K01 Career Development Award (NIA)
- 2021- Timothy Savage, MD, MPH, MSc, Instructor in Medicine, Division of Pharmacoepidemiology & Pharmacoeconomics, HMS
Co-mentor, involving weekly meetings

Invited Presentations and Courses

Local:

- 2016 Antipsychotics and the risk of congenital malformation
Women's Mental Health, Department of Psychiatry, Brigham and Women's Hospital, WMH Outside Speaker Sessions
- 2017 Risk of neonatal drug withdrawal after intrauterine co-exposure to opioids and psychotropic medications: cohort study.
Pediatric Grand Rounds, Cambridge Hospital, Cambridge, MA
- 2018 Using large databases to study the safety of medications in pregnancy
BWH Perinatal Conference
- 2019 Drug Safety during Pregnancy Methods and Application: Zofran
Newborn Epidemiology & Clinical Research Seminar Series Beth Israel Deaconess Hospital
- 2019 Drug Safety during Pregnancy Methods and Application: Zofran
BWH Department of Pediatric Newborn Medicine Grand Rounds
- 2019 The Role of Large Administrative Databases in Pharmacoepidemiologic Research
BWH Department of Anesthesia Grand Rounds

Regional:

- 2010 Adverse health outcomes associated with psychotropic medication use in older nursing home patients.
Slone Epidemiology Center Visiting Lecturer Seminar Series, Boston, MA
- 2011 Differential risk of death in older nursing home residents prescribed specific antipsychotic medications
Massachusetts Veterans Epidemiology Research and Information Center (MAVERIC) seminar, Boston, MA

National:

- 2013 Instrumental variable applications using nursing home prescribing preferences in comparative effectiveness research
DEcIDE Methods Center Webinar with National Audience (Agency for Healthcare Research and Quality)
- 2015 Antidepressant Use in Pregnancy and the Risk of Cardiac Defects
Invited plenary at Clinical Research Forum Annual Meeting, Washington DC
- 2015 Pharmacovigilance Impact Case Studies
Invited symposium at Drug Information Association 2015 51st Annual Meeting, Washington DC

- 2015 Design of Epidemiologic Studies to Evaluate the Impact of Selective Serotonin Reuptake Inhibitors (SSRI) Exposures during Pregnancy
Invited plenary at Second biennial Perinatal Mental Health Conference, Translational Research in Perinatal Mental Health: Laboratory to Bedside to Community Practice, Chicago, IL
- 2016 New Approaches to the Design and Analysis of Studies Evaluating Drug Safety during Pregnancy
Invited symposium at The Teratology Society 56th Annual Meeting: New Horizons in Birth Defects Research, San Antonio, TX
- 2017 Psychotropics and Pregnancy: Current Practice to Evidence Based Approaches
Invited workshop at 2017 Annual American Society of Clinical Psychopharmacology Meeting, Miami, FL
- 2018 Safety of Psychiatric Medications in Pregnancy
Psychiatry Grand Rounds, Samuel Novey Lectureship in Psychological Medicine, Johns Hopkins Department of Psychiatry and Behavioral Sciences, Baltimore, MD
- 2018 Fact or Fiction? Antidepressants Aren't Safe in Pregnancy
Invited Educational Symposium at 2018 American Psychiatric Association Annual Meeting, New York, NY
- 2019 Using Big Data to Inform Big Decisions regarding Psychiatric Medication Use in Pregnancy. Keynote Address Marcé of North America Conference, October 26, 2019
- 2020 Contextualizing the Potential Risks of Ondansetron Use in Pregnancy. Invited speaker at Action Seminar, May 13, 2020
- 2020 Invited expert speaker at Eunice Kennedy Shriver National Institute of Child Health and Human Development and the Office of Research in Women's Health organized workshop entitled "Pregnancy and Maternal Conditions that Increase Risk of Morbidity and Mortality" on May 19-20, 2020
- 2020 Using big data to inform big decisions regarding medication use in pregnancy: The case of ondansetron.
Department of Obstetrics & Gynecology Grand Rounds & Maternity Center Town Hall. UMass Memorial Medical Center, Worcester, MA; September 30, 2020 (virtual)
- 2020 Active Surveillance of the Safety of Medications Used in Pregnancy. Invited speaker at FDA Office of Surveillance and Epidemiology Safety Seminar on November 5, 2020 (virtual)
- 2021 Advanced approaches for evaluating drug safety in pregnancy. Invited speaker at FDA Sentinel Innovation and Methods Seminar series on April 26, 2021 (virtual)

International:

- 1995 Course leader for Health Economics module of European Regulatory Affairs Course, organized by Institute for Pharmaceutical Business Management, the Netherlands
- 1995 One-day Health Economics course for pharmaceutical executives (Janssen Pharmaceutica), Jakarta, Indonesia
- 2013 Harnessing the Medicaid Analytic Extract to Evaluate Medications in Pregnancy
1-hr seminar at the Faculty of Pharmacy, University of Montreal, Canada
- 2015 Welcome Address, Moderator, Keynote Address (Computer Power and Human Reason: From Calculation to Judgment), Closing Remarks
31th International Conference on Pharmacoepidemiology & Therapeutic Risk Management, Boston, MA
- 2017 Summer School on Modern Methods in Biostatistics and Epidemiology: 1-week course on

- Effectiveness Research with Longitudinal Healthcare Databases, June 5-10, Treviso, Italy (co-instructor with Dr. Sebastian Schneeweiss)
- 2019 Contextualizing the Potential Risks of Ondansetron Use in Pregnancy. Invited Plenary Lecture at International Conference on Hyperemesis Gravidarum. Amsterdam, The Netherlands, October 11, 2019.
- 2020 ADHD Netwerk. ADHD en lifestyle. Drug treatment for ADHD during pregnancy. Utrecht, the Netherlands, February 6, 2020 (Due to a schedule conflict, the presentation was delivered by my co-author, Dr. Johan Reutfors, Associate Professor of Psychiatry and Clinical Psychiatrist at Karolinska Institutet, Sweden)
- 2020 Invited speaker at the Nordforsk Course on Register-based research: Pharmacoepidemiology
- When one turns to two: The example of drugs during pregnancy
 - Meta-analysis of observational studies
- 2021 Invited speaker at the 9th edition of the Bordeaux PharmacoEpidemiology Festival, Bordeaux, France, May 25-June 1, 2021
- 2022 Invited speaker at the DIA Global Pharmacovigilance and Risk Management Strategies Conference, Global Challenges and Opportunities in Evaluating Peri-pregnancy Exposure and Safety Risks Through Database Studies, January 26, 2022 (virtual)

Peer reviewed publications in print or other media

Research investigations:

1. **Huybrechts K.** Cost-effectiveness analysis of the prophylactic use of antibiotics for total hip replacement (in Dutch). *Tijdschrift voor Sociale Gezondheidszorg* 1993;71:273-8.
2. Cookson RF, **Huybrechts KF.** Risperidone: An assessment of its economic benefits in the treatment of schizophrenia. *Journal of Medical Economics* 1998;1:103-34.
3. Caro JJ, **Huybrechts KF,** for the Stroke Economic Analysis Group. Stroke treatment economic model (STEM): Predicting long-term costs from functional status. *Stroke* 1999;30:2574-9.
4. Caro JJ, **Huybrechts KF,** Duchesne I. Management patterns and costs of acute ischemic stroke. An international study. *Stroke* 2000;31:582-90.
5. Caro JJ, **Huybrechts KF,** De Backer G, De Bacquer D, Closon MC, for the WOSCOPS Economic Analysis Group. Are the WOSCOPS clinical and economic findings generalizable to other populations? A case study for Belgium. *Acta Cardiologica* 2000;55(4):239-46.
6. Caro JJ, **Huybrechts KF,** Kelley H, for the Stroke Economic Analysis Group. Predicting treatment costs after acute ischemic stroke on the basis of patient characteristics at presentation and early dysfunction. *Stroke* 2001;32(1):100-6.
7. Caro JJ, **Huybrechts KF,** Klittich WS. Secondary prevention fallacy: Pitfalls in comparing with primary. *Expert Review of Pharmacoeconomics & Outcomes Research* 2001;1(1):13-8.
8. Caro JJ, Ward A, Green TC, **Huybrechts K,** Arana A, Wait S, Eleftheriou A. Impact of thalassemia major on patients and their families. *Acta Haematologica* 2002;107(3):150-7.
9. Payne KA, **Huybrechts KF,** Caro JJ, Craig Green TJ, Klittich WS. Long term cost-of-illness in stroke. An international Review. *Pharmacoeconomics* 2002;20(12): 813-25.
10. Ward A, Caro JJ, Green T, **Huybrechts K,** Arana A, Wait S, Eleftheriou A. An international survey of patients with thalassemia major and their views about sustaining life-long desferrioxamine use. *BMC Clinical Pharmacology* 2002 Apr 23;2(1):3.
11. Caro JJ, **Huybrechts KF,** Craig Green TJ. Estimates of the effect on hepatic iron of oral deferiprone compared with subcutaneous desferrioxamine for treatment of iron overload in thalassemia major: A systematic review. *BMC Blood Disorders* 2002 Nov 20;2(1):4.

12. Caro JJ, **Huybrechts KF**, Klittich WS, Jackson JJ, McGuire A, for the CORE Study Group. Allocating funds to prevention of cardiovascular disease in light of the NCEP ATPIII guidelines. *American Journal of Managed Care* 2003; 9(7):477-89.
13. Caro JJ, Ishak KJ, **Huybrechts KF**, Raggio G, Naujoks C. The impact of compliance with osteoporosis therapy on fracture rates in actual practice. *Osteoporosis International* 2004; 15(12):1003-8.
14. **Huybrechts KF**, Caro JJ, London GM. Modeling the implications of changes in vascular calcification in patients on hemodialysis. *Kidney International* 2005; 67:1532-8.
15. **Huybrechts KF**, Caro JJ, Wilson DA, O'Brien JA. Health and economic consequences of sevelamer use for hyperphosphatemia in patients on hemodialysis. *Value in Health* 2005; 8(5): 549-61.
16. **Huybrechts KF**, Ishak KJ, Caro JJ. Assessment of Compliance with Osteoporosis Treatment and its Consequences in a Managed Care Population. *Bone* 2006;38(6):922-8.
17. Caro JJ, **Huybrechts KF**, Xenakis J, O'Brien JA, Rajagopalan K, Lee K. Budgetary impact of treating acute bipolar mania in hospitalized patients with quetiapine: An economic analysis of clinical trials. *Current Medical Research and Opinion* 2006;22(11):2233-42.
18. **Huybrechts KF**, Caro JJ. The Barthel Index and modified Rankin Scale as Prognostic Tools for Long-Term Outcomes After Stroke: A qualitative review of the literature. *Current Medical Research and Opinion* 2007;23(7):1627-36.
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