

Curriculum Vitae

Updated 11/08/2021

Name: Elyse Olshen Kharbanda, MD, MPH

Education:

6/01 - 9/04 Columbia University, School of Public Health
Master of Public Health, General Public Health
Completed coursework epidemiology and biostatistics

8/94 - 6/98 Albert Einstein College of Medicine
Medical Degree

8/90 - 5/94 University of California, Berkeley
Bachelor of Arts, Major in Molecular and Cellular Biology
Chancellor's Scholar

Licensure and Certification:

2005 – Present American Board of Pediatrics
Subspecialty - Adolescent Medicine
Board certified in Adolescent Medicine

2001 - Present American Board of Pediatrics
Board Certified in Pediatrics

1999 - 2010 New York Medical License
2002 - 2005 Massachusetts Medical License
2010 - Present Minnesota Medical License

Traineeship:

8/03 - 6/05 Boston University School of Public Health
Clinical Research Training Program Fellowship

7/02 - 6/05 Boston Children's Hospital and Boston Medical Center
Fellowship in Adolescent Medicine

6/98 - 6/01 Columbia University, Children's Hospital of New York
Pediatric Residency

Professional Society Membership:

2002 - Present Society for Adolescent Health and Medicine (SAHM)
2011 - Present Consultant for SAHM Committee on Adolescent Immunization
2014 - 2017 SAHM Deputy Director of Publications
2016 - Present Society for Pediatric Research
2020 - Present Academic Pediatric Society

National Committee Appointments / Grant review:

8/2020	Ad hoc reviewer – AHRQ HSRD 02- COVID 19 Special Emphasis Panel Agency for Healthcare Research and Quality
7/2019	Chair – Special Emphasis Panel, Health Service Research on Minority Health and Health Disparities National Institute of Health
4/18-6/19	Member - Advisory Committee on Immunization Practices, Maternal Flu Immunization Sub-Workgroup Centers for Disease Control and Prevention
5/17-01/18	Chair - Special Emphasis Panel, PAR Linking Provider Recommendation to Adolescent HPV Uptake National Institute of Health
7/15-06/20	Member - Health Services Organization and Delivery (HSOD) National Institute of Health
2007-2011	Advisory Committee on Immunization Practices Influenza Vaccine Working Group Member Centers for Disease Control and Prevention

Current Position:

11/21 – Present	HealthPartners Institute Executive Director of Research
5/16 - Present	HealthPartners Institute Senior Research Investigator
7/10 - 4/16	HealthPartners Institute Research Investigator

Academic Appointments:

10/05 - 12/11	Columbia University School of Medicine Assistant Clinical Professor Pediatrics
6/06 - 12/11	Columbia University, Mailman School of Public Health Assistant Clinical Professor of Population and Family Health
7/02 - 6/05	Harvard University School of Medicine Clinical Instructor, Department of Pediatrics
7/02 - 6/05	Boston University School of Medicine Clinical Instructor, Department of Pediatrics

7/01 - 6/02 Columbia University
Clinical Instructor, Division of Emergency Medicine,
Department of Pediatrics

Hospital Appointments:

10/05-6/10 Children's Hospital of New York
Assistant Attending in Pediatrics

7/02 - 6/05 Children's Hospital Boston
Clinical Instructor, Department of Pediatrics

7/02 - 6/05 Boston Medical Center
Clinical Instructor, Department of Pediatrics

7/01 - 6/02 Children's Hospital of New York
Clinical Instructor, Division of Emergency Medicine,
Department of Pediatrics

Current Grant Support:

7/19-6/22 Co-Investigator
HealthPartners Institute, internal grant
A Pilot Study to Evaluate Feasibility, Patient Preferences, Detection of Risk
Behaviors Using an Electronic Teen Questionnaire (ETeenQ) in Adolescents

9/20-7/25 Co-Principal Investigator
Agency for Healthcare Research and Quality
Improving Recognition and Management of Hypertension in Youth:
Comparing Approaches for Extending Effective CDS for use in a Large Rural
Health System
(AHRQ/R18 HS27402-01A1)

9/20-9/25 Principal Investigator
Centers for Disease Control & Prevention
COVID-19 Vaccine Safety Evaluation in Pregnant Women and their Infants
(CDC/200-2012-53526)

9/20-9/23 Co-Principal Investigator
Centers for Disease Control & Prevention
Evaluation of COVID-19 Vaccine Safety in Pregnancy and Fetal Death in the
Vaccine Safety Datalink
(CDC/200-2012-53526)

9/16-9/22 Principal Investigator
Centers for Disease Control & Prevention
Vaccine Safety Datalink Infrastructure
(CDC/200-2012-53526)

8/17-4/22 Co-Investigator
National Institute of Child Health and Human Development / NIH
Early Environmental Stressors and Emerging Cardiometabolic Risk
(NICHD/R01HD090059)

3/20-2/25 **Site Principal Investigator**
National Institute of Child Health and Human Development / NIH
Maternal Obesity, Milk Composition, and Infant Growth
(NICHD/R01HD090059)

Completed Grant Support:

9/15-9/20 **Principal Investigator**
Centers for Disease Control & Prevention
Evaluating the Risk of Spontaneous Abortion Following Administration of
4-valent HPV and 9-valent HPV vaccine
(CDC/200-2012-53526)

12/15-7/18 **Co-Investigator**
National Institute of Allergy and Infectious Diseases / NIH
Safety of Live versus Inactivated Influenza Vaccine in Asthmatic Children
(NIAID/R21AI122141)

3/15-3/19 **Co-Principal Investigator**
National Institute of Child Health and Human Development / NIH
EHR-based Decision Support for Pediatric Acute Abdominal Pain in
Emergency Care
(NICHD/R01HD079463)

9/13-8/18 **Site Principal Investigator**
Centers for Disease Control and Prevention
Birth Defects Study to Evaluate Pregnancy Exposure (BD-STEPS)
(CDC/U01DD0001035)

8/12-7/18 **Principal Investigator**
National Heart Lung and Blood Institute / NIH
EHR-Based Clinical Decision Support to Improve BP Management in
Adolescents
(NHLBI/R01HL115082)

9/12-9/15 **Co-Principal Investigator**
Centers for Disease Control and Prevention
Evaluating Influenza, Tdap, and HPV Vaccine Safety Among Pregnant Women
(CDC/200-2012-53526)

6/13-6/14 **Site Principal Investigator**
Centers for Disease Control and Prevention
Population Incidence of Narcolepsy in the United States
(CDC/200-2012-53526)

10/11-09/12 **Principal Investigator**
HealthPartners Institute for Education and Research, Internal grant
Pregnancy among Insured Adolescents and Missed Opportunities for
Prevention

9/12-9/13 **Site Principal Investigator**
Centers for Disease Control and Prevention
Risk of anaphylaxis following vaccination in children and adults
(CDC/200-2012-53526)

9/10-5/13	Co-Investigator National Heart, Lung, and Blood Institute / NIH Childhood Hypertension and Obesity: Diagnosis, Care, and Costs (NHLBI/R01HL093345)
9/10-9/13	Co-Investigator Agency for Healthcare Research and Quality The Population-Based Effectiveness in Asthma and Lung Diseases (PEAL) Network (AHRQ/R01HS019669)
9/20/10-9/1/12	Co-Investigator Centers for Disease Control and Prevention via AHIP Vaccine Safety Datalink Project Date when Dr. Kharbanda joined the VSD team
02/10 – 6/10	Co-Investigator Health Resources and Services Administration (HRSA) Maternal and Child Health Research Program TEXTFLUENZA: Using Technology to Promote Flu Vaccination in Underserved Maternal and Child Populations (HRSA/R40MC17169)
02/08 – 6/10	Principal Investigator Health Resources and Services Administration (HRSA) Maternal and Child Health Research Program Text4Health: The Use of Text Message Reminder-Recalls to Counter Disparities in Adolescent Immunization Coverage (HRSA/R40MC08961)
3/05 – 9/06	Principal Investigator Centers for Disease Control/Society of Adolescent Medicine Immunization Small Grant State level variation in adolescent immunization rates
1/04 - 1/05	Principal Investigator Aerosmith Endowment Fund The Use of Postexposure prophylaxis to prevent HIV in adolescents
8/03 - 7/04	Principal Investigator Joel and Barbara Alpert Endowment for the Children of the City Grant Parental acceptance of the human papillomavirus vaccine

Teaching experience:

2020	University of Minnesota Guest lecturer, undergraduate course on Public Health Response to COVID-19
2009-2010	Mailman School of Public Health, Columbia University Developed and taught new course, “Vaccines from biology to policy”
2007-2010	Mailman School of Public Health, Columbia University Co-directed weekly Adolescent Seminar Series for faculty and students

- 2005-2009 Columbia University School of Medicine
Precepting medical students and residents in outpatient clinic
Taught residents topics in adolescent medicine
- 2003 - 2005 Boston University School of Medicine
Third year clerkship in pediatrics
Taught section on adolescent medicine
- 2002 - 2005 Children's Hospital Boston and Boston Medical Center Combined
Residency in Pediatrics
Resident rotation in adolescent medicine
Taught residents topics in adolescent medicine

Original Publications

DeSilva MB, Haapala J, Vazquez-Benitez G, Daley MF, Nordin JD, Klein NP, Henninger ML, Williams JTB, Hambidge SJ, Jackson ML, Donahue JG, Qian L, Lindley MC, Gee J, Weintraub ES, **Kharbanda EO**. Association of the COVID-19 Pandemic with Routine Childhood Vaccination Rates and Proportion Up to Date With Vaccinations Across 8 US Health Systems in the Vaccine Safety Datalink. *JAMA Pediatr.* 2021 Oct 7:e214251. doi: 10.1001/jamapediatrics.2021.4251. Epub ahead of print. PMID: 34617975

Thompson MG, Stenehjem E, Grannis S, Ball SW, Naleway AL, Ong TC, DeSilva MB, Natarajan K, Bozio CH, Lewis N, Dascomb K, Dixon BE, Birch RJ, Irving SA, Rao S, **Kharbanda E**, Han J, Reynolds S, Goddard K, Grisel N, Fadel WF, Levy ME, Ferdinands J, Fireman B, Arndorfer J, Valvi NR, Rowley EA, Patel P, Zerbo O, Griggs EP, Porter RM, Demarco M, Blanton L, Steffens A, Zhuang Y, Olson N, Barron M, Shifflett P, Schrag SJ, Verani JR, Fry A, Gaglani M, Azziz-Baumgartner E, Klein NP. Effectiveness of Covid-19 Vaccines in Ambulatory and Inpatient Care Settings. *N Engl J Med.* 2021 Sep 8. doi: 10.1056/NEJMoa2110362. Epub ahead of print. PMID: 34496194.

Kharbanda EO, Haapala J, DeSilva M, Vazquez-Benitez G, Vesco KK, Naleway AL, Lipkind HS. Spontaneous Abortion Following COVID-19 Vaccination During Pregnancy. *JAMA.* 2021 Oct 26;326(16):1629-1631. PMID: 34495304.

Klein NP, Lewis N, Goddard K, Fireman B, Zerbo O, Hanson KE, Donahue JG, **Kharbanda EO**, Naleway A, Nelson JC, Xu S, Yih WK, Glanz JM, Williams JTB, Hambidge SJ, Lewin BJ, Shimabukuro TT, DeStefano F, Weintraub ES. Surveillance for Adverse Events After COVID-19 mRNA Vaccination. *JAMA.* 2021 Sep 3. doi: 10.1001/jama.2021.15072. Epub ahead of print. PMID: 34477808.

Nagel EM, Kummer L, Jacobs DR Jr, Foster L, Duncan K, Johnson K, Harnack L, Haapala J, Kharoud H, Gallagher T, **Kharbanda EO**, Pierce S, Fields DA, Demerath EW. Human Milk Glucose, Leptin, and Insulin Predict Cessation of Full Breastfeeding and Initiation of Formula Use. *Breastfeed Med.* 2021 Aug 3. doi: 10.1089/bfm.2021.0131. Epub ahead of print. PMID: 34348043.

Pingali C, Meghani M, Razzaghi H, Lamias MJ, Weintraub E, Kenigsberg TA, Klein NP, Lewis N, Fireman B, Zerbo O, Bartlett J, Goddard K, Donahue J, Hanson K, Naleway A, **Kharbanda EO**, Yih WK, Nelson JC, Lewin BJ, Williams JTB, Glanz JM, Singleton JA, Patel SA. COVID-19 Vaccination Coverage Among Insured Persons Aged ≥ 16 Years, by Race/Ethnicity and Other Selected Characteristics - Eight Integrated Health Care Organizations, United States, December

14, 2020-May 15, 2021. MMWR Morb Mortal Wkly Rep. 2021 Jul 16;70(28):985-990. PMID: 34264911.

Palmsten K, Vazquez-Benitez G, **Kharbanda EO**. Point: Uncertainty about estimating the risks of COVID-19 during pregnancy. *Paediatr Perinat Epidemiol*. 2021 Jul 13. Epub ahead of print. PMID: 34255380.

Daley MF, Reifler LM, Shoup JA, Narwaney KJ, **Kharbanda EO**, Groom HC, Jackson ML, Jacobsen SJ, McLean HQ, Klein NP, Williams JTB, Weintraub ES, McNeil MM, Glanz JM. Temporal Trends in Undervaccination: A Population-Based Cohort Study. *Am J Prev Med*. 2021 Jul;61(1):64-72. doi: 10.1016/j.amepre.2021.01.037. Epub 2021 Apr 30. PMID: 34148627.

Naleway AL, Crane B, Irving SA, Bachman D, Vesco KK, Daley MF, Getahun D, Glenn SC, Hambidge SJ, Jackson LA, Klein NP, McCarthy NL, McClure DL, Panagiotakopoulos L, Panozzo CA, Vazquez-Benitez G, Weintraub ES, Zerbo O, **Kharbanda EO**. Vaccine Safety Datalink infrastructure enhancements for evaluating the safety of maternal vaccination. *Ther Adv Drug Saf*. 2021 Jun 14;12:20420986211021233. PMID: 34178302.

Nagel EM, Jacobs D, Johnson KE, Foster L, Duncan K, **Kharbanda EO**, Gregg B, Harnack L, Fields DA, Demerath EW. Maternal Dietary Intake of Total Fat, Saturated Fat, and Added Sugar Is Associated with Infant Adiposity and Weight Status at 6 mo of Age. *J Nutr*. 2021 May 12:nxab101. Epub ahead of print. PMID: 33982119.

Kharbanda EO, Vazquez-Benitez G, DeSilva MB, Naleway AL, Klein NP, Hechter RC, Glanz JM, Donahue JG, Jackson LA, Sheth SS, Greenberg V, Panagiotakopoulos L, Mba-Jonas A, Lipkind HS. Association of Inadvertent 9-Valent Human Papillomavirus Vaccine in Pregnancy with Spontaneous Abortion and Adverse Birth Outcomes. *JAMA Netw Open*. 2021 Apr 1;4(4):e214340. PMID: 33818618.

Kharbanda AB, Vazquez-Benitez G, Ballard DW, Vinson DR, Chettipally UK, Dehmer SP, Ekstrom H, Rauchwerger AS, McMichael B, Cotton DM, Kene MV, Simon LE, Zhu J, Warton EM, O'Connor PJ, **Kharbanda EO**; Clinical Research on Emergency Services and Treatments Network (CREST) and the Critical Care Research Center, HealthPartners Institute. Effect of Clinical Decision Support on Diagnostic Imaging for Pediatric Appendicitis: A Cluster Randomized Trial. *JAMA Netw Open*. 2021 Feb 1;4(2):e2036344. PMID: 33560426.

Palmsten K, Bredesen D, JaKa MM, Kumar PC, Ziegenfuss JY, **Kharbanda EO**. "I know my body better than you:" patient focus groups to inform a decision aid on oral corticosteroid use during pregnancy. *Pharmacoepidemiol Drug Saf*. 2020 Dec 12. Epub ahead of print. PMID: 33314542.

Panagiotakopoulos L, McCarthy NL, Tepper NK, **Kharbanda EO**, Lipkind HS, Vazquez-Benitez G, McClure DL, Greenberg V, Getahun D, Glanz JM, Naleway AL, Klein NP, Nelson JC, Weintraub ES. Evaluating the Association of Stillbirths After Maternal Vaccination in the Vaccine Safety Datalink. *Obstet Gynecol*. 2020 Dec;136(6):1086-1094. PMID: 33156197.

Kharbanda EO, Vazquez-Benitez G, DeSilva MB, Spaulding AB, Daley MF, Naleway AL, Irving SA, Klein NP, Tseng HF, Jackson LA, Hambidge SJ, Olaiya O, Panozzo CA, Myers TR, Romitti PA. Developing algorithms for identifying major structural birth defects using automated electronic health data. *Pharmacoepidemiol Drug Saf*. 2020 Nov 20. Epub ahead of

print. PMID: 33219586.

Simon LE, Kene MV, Warton EM, Rauchwerger AS, Vinson DR, Reed ME, Chettipally UK, Mark DG, Sax DR, McLachlan DI, Cotton DM, Lin JS, Vazquez-Benitez G, Kharbanda AB, **Kharbanda EO**, Ballard DW. Diagnostic Performance of Emergency Physician Gestalt for Predicting Acute Appendicitis in Patients Age 5 to 20 Years. *Acad Emerg Med*. 2020 Apr 2. [Epub ahead of print] PMID: 32239713.

Kharbanda EO, Vazquez-Benitez G, Kunin-Batson A, Nordin JD, Olsen A, Romitti PA. Birth and early developmental screening outcomes associated with cannabis exposure during pregnancy. *J Perinatol*. 2020 Mar;40(3):473-480. Epub 2020 Jan 7. PubMed PMID: 31911642; cIPMCID: PMC7047636.

Dehmer SP, Sinaiko AR, Trower NK, Asche SE, Ekstrom HL, Nordin JD, O'Connor PJ, **Kharbanda EO**. Clinical Decision Support for Recognizing and Managing Hypertensive BP in Youth: No Significant Impact on Medical Costs. *Acad Pediatr*. 2020 Jan 28. pii: S1876-2859(20)30013-9. [Epub ahead of print].

Groom HC, Smith N, Irving SA, Koppolu P, Vazquez-Benitez G, **Kharbanda EO**, Daley MF, Donahue JG, Getahun D, Jackson LA, Klein NP, McCarthy NL, Nordin JD, Panagiotakopoulos L, Naleway AL. Uptake and safety of hepatitis A vaccination during pregnancy: A Vaccine Safety Datalink study. *Vaccine*. 2019. pii: S0264-410X(19)31252-6.

Kharbanda EO, Asche SE, Sinaiko A, Nordin JD, Ekstrom HL, Dehmer SP, Bredeson D, O'Connor PJ. Improving hypertension recognition in adolescents, a small but important first step in cardiovascular disease prevention. *Acad Pediatr*. 2019. pii: S1876-2859(19)30377-8.

Simon LE, Rauchwerger AS, Chettipally UK, Babakhanian L, Vinson DR, Warton EM, Reed ME, Kharbanda AB, **Kharbanda EO**, Ballard DW. Text message alerts to emergency physicians identifying potential study candidates increase clinical trial enrollment. *J Am Med Inform Assoc*. 2019 Nov 1;26(11):1360-1363. PMCID: PMC6798557.

Cotton DM, Vinson DR, Vazquez-Benitez G, Margaret Warton E, Reed ME, Chettipally UK, Kene MV, Lin JS, Mark DG, Sax DR, McLachlan ID, Rauchwerger AS, Simon LE, Kharbanda AB, **Kharbanda EO**, Ballard DW; Clinical Research on Emergency Services and Treatments (CREST) Network. Validation of the pediatric appendicitis risk calculator (pARC) in a community emergency department setting. *Ann Emerg Med*. 2019; 74(4): 471-480.

Nordin JD, Vazquez-Benitez G, Olsen A, Kuckler LC, Gao AY, **Kharbanda EO**. Safety of guidelines recommending live attenuated influenza vaccine for routine use in children and adolescents with asthma. *Vaccine*. 2019; 37(30): 4055-4060.

Heerman WJ, Daley MF, Boone-Heinonen J, Rifas-Shiman SL, Bailey LC, Forrest CB, Young JG, Gillman MW, Horgan CE, Janicke DM, Jenter C, **Kharbanda EO**, Lunsford D, Messito MJ, Toh S, Block JP; PCORnet Antibiotics and Childhood Growth Study Group. Maternal antibiotic use during pregnancy and childhood obesity at age 5 years. *Int J Obes*. 2019; 43(6): 1202-1209.

Kharbanda EO, Asche SE, Dehmer SP, Sinaiko AR, Ekstrom HL, Trower N, O'Connor PJ. Impact of updated pediatric hypertension guidelines on progression from elevated blood pressure to hypertension in a community-based primary care population. *J Clin Hypertension*. 2019; 21(5): 560-565.

Ekstrom HL, **Kharbanda EO**, Ballard DW, Vinson DR, Vazquez-Benitez G, Chettipally UK, et al. Development of a Clinical Decision Support System for Pediatric Abdominal Pain in Emergency Department Settings Across Two Health Systems Within the HCSRN. *eGEMS* (Generating Evidence & Methods to improve patient outcomes). 2019;7(1):15.

Tahir MJ, Haapala JL, Foster LP, Duncan KM, Teague AM, **Kharbanda EO**, McGovern PM, Whitaker KM, Rasmussen KM, Fields DA, Harnack LJ, Jacobs DR Jr, Demerath EW. Association of full breastfeeding duration with postpartum weight retention in a cohort of predominantly breastfeeding women. *Nutrients*. 2019; 11(4). pii: E938.

Tahir MJ, Haapala JL, Foster LP, Duncan KM, Teague AM, **Kharbanda EO**, McGovern PM, Whitaker KM, Rasmussen KM, Fields DA, Jacobs DR Jr, Harnack LJ, Demerath EW. Higher Maternal Diet Quality during Pregnancy and Lactation Is Associated with Lower Infant Weight-For-Length, Body Fat Percent, and Fat Mass in Early Postnatal Life. *Nutrients*. 2019 Mar 15;11(3).

Sadr Dadres G, Whitaker KM, Haapala JL, Foster L, Smith KD, Teague AM, Jacobs DR Jr, **Kharbanda EO**, McGovern PM, Schoenfuss TC, Le LJ, Harnack L, Fields DA, Demerath EW. Relationship of Maternal Weight Status Before, During, and After Pregnancy with Breast Milk Hormone Concentrations. *Obesity*. 2019 Apr;27(4):621-628.

McClure DL, Jacobsen SJ, Klein NP, Naleway AL, **Kharbanda EO**, Glanz JM, Jackson LA, Weintraub ES, McLean HQ. Similar relative risks of seizures following measles containing vaccination in children born preterm compared to full-term without previous seizures or seizure-related disorders. *Vaccine*. 2019 Jan 3;37(1):76-79.

Groom HC, Irving SA, Koppolu p, Smith N, Vazquez-Benitez G, **Kharbanda EO**, Daley MF, Donohue JG, Getahun D, Jackson LA, Tse Kawai A, Klein NP, McCarthy NL, Nordin JD, Sukumaran L, Naleway NL. Uptake and safety of Hepatitis B vaccination during pregnancy: AVaccine Safety Datalink study. *Vaccine*. 2018 Oct 1;36(41):6111-6116.

Kharbanda EO, Vazquez-Benitez G, Lipkind HS, Sheth SS, Zhu J, Naleway AL, Klein NP, Hechter R, Daley MF, Donahue JG, Jackson ML, Kawai AT, Sukumaran L, Nordin JD. Risk of Spontaneous Abortion After Inadvertent Human Papillomavirus Vaccination in Pregnancy. *Obstet Gynecol*. 2018 Jul; 132(1):35-44. PMID: PMC6019196.

Kharbanda AB, Vazquez-Benitez G, Ballard DW, Vinson DR, Chettipally UK, Kene MV, Dehmer SP, Bachur RG, Dayan PS, Kuppermann N, O'Connor PJ, **Kharbanda EO**. Development and Validation of a Novel Pediatric Appendicitis Risk Calculator (pARC). *Pediatrics*. 2018 Apr; 141(4). PMID: PMC5869337.

Trivedi M, Fung V, **Kharbanda EO**, Larkin EK, Butler MG, Horan K, Lieu TA, Wu AC. Racial disparities in family-provider interactions for pediatric asthma care. *J Asthma*. 2018 Apr; 55(4):424-429.

Sukumaran L, McCarthy NL, **Kharbanda EO**, Vazquez-Benitez G, Lipkind HS, Jackson ML, Klein NP, Naleway AL, McClure DL, Hechter RC, Kawai AT, Glanz JM, Weintraub ES. Infant Hospitalizations and Mortality After Maternal Vaccination. *Pediatrics*. 2018 Feb 20. pii: e20173310. [Epub ahead of print].

Kharbanda EO, Asche SE, Sinaiko AR, Ekstrom HL, Nordin JD, Sherwood NE, Fontaine PL, Dehmer SP, Appana D, O'Connor P. Clinical Decision Support for Recognition and Management of Hypertension: A Randomized Trial. *Pediatrics*. 2018 Feb;141(2). PMID: PMC5810603.

Kharbanda EO, Asche SE, Sinaiko A, Nordin JD, Ekstrom HL, Fontaine P, Dehmer SP, Sherwood NE, O'Connor PJ. Evaluation of an Electronic Clinical Decision Support Tool for Incident Elevated BP in Adolescents. *Acad Pediatr*. 2018 Jan - Feb;18(1):43-50. PMID: PMC5756693.

Rouse CE, Eckert LO, Babarinsa I, Fay E, Gupta M, Harrison MS, Kawai AT, **Kharbanda EO**, Kucuku M, Meller L, Mallett Moore T, Subelj M, Kochhar S, Tavares-Da-Silva F; Global Alignment of Immunization Safety in Pregnancy (GAIA) Abortion Work Group; Brighton Collaboration Abortion Working Group. Spontaneous abortion and ectopic pregnancy: Case definition & guidelines for data collection, analysis, and presentation of maternal immunization safety data. *Vaccine*. 2017 Dec 4;35(48 Pt A):6563-6574. PMID: PMC5714431.

Duffy J, Hambidge SJ, Jackson LA, **Kharbanda EO**, Klein NP, Naleway A, Omer SB, Weintraub E; Vaccine Safety Datalink. Febrile Seizure Risk after Vaccination in Children One to Five Months of Age. *Pediatr Neurol*. 2017 Nov;76:72-78.

Lipkind HS, Vazquez-Benitez G, Nordin JD, Romitti PA, Naleway AL, Klein NP, Hechter RC, Jackson ML, Hambidge SJ, Lee GM, Sukumaran L, **Kharbanda EO**. Maternal and Infant Outcomes after Human Papillomavirus Vaccination in the Periconceptional Period or During Pregnancy. *Obstet Gynecol*. 2017 Sep;130(3):599-608.

Kharbanda EO, Vazquez-Benitez G, Romitti PA, Naleway AL, et al. Identifying birth defects in automated data sources in the Vaccine Safety Datalink. *Pharmacoepi and Drug Saf*. 2017 Apr;26(4):412-420.

DeSilva M, Vazquez-Benitez G, Nordin JD, Lipkind HS, Klein NP, Cheetham TC, Naleway AL, Hambidge SJ, Lee GM, Jackson ML, McCarthy NL, **Kharbanda EO**. Maternal Tdap vaccination and risk of infant morbidity. *Vaccine*. 2017 Jun 22;35(29):3655-3660.

Kharbanda EO, Vazquez-Benitez G, Romitti PA, Naleway AL, Cheetham TC, Lipkind HS, Klein NP, Lee G, Jackson ML, Hambidge SJ, McCarthy N, DeStefano F, Nordin JD; Vaccine Safety Datalink. First Trimester Influenza Vaccination and Risks for Major Structural Birth Defects in Offspring. *J Pediatr*. 2017 Aug;187:234-239.

Kharbanda EO, Vazquez-Benitez G, Romitti PA, Naleway AL, Cheetham TC, Lipkind HS, Sivanandam S, Klein NP, Lee GM, Jackson ML, Hambidge SJ, Olsen A, McCarthy N, DeStefano F, Nordin JD. Identifying birth defects in automated data sources in the Vaccine Safety Datalink. *Pharmacoepidemiol Drug Saf*. 2017 Apr;26(4):412-420.

DeSilva M, Vazquez-Benitez G, Nordin JD, Lipkind HS, Romitti PA, DeStefano F, **Kharbanda EO**. Tdap Vaccination During Pregnancy and Microcephaly and Other Structural Birth Defects in Offspring. *JAMA*. 2016 Nov 1;316(17):1823-1825.

Vazquez-Benitez G, **Kharbanda EO**, Naleway AL, et al. Risk of preterm or small-for-gestational age birth after influenza vaccination during pregnancy: caveats when conducting retrospective observational studies. *Am J Epi*. 2016; 184(3): 176-86.

DeSilva M, Munoz FM, Mcmillan M, Kawai AT, Marshall H, Macartney KK, Josji J, Onoko M, Rose AE, Dolk H, Trotta F, Spiegel H, Tomczyck S, Shreshta A, Kochhar S, **Kharbanda EO**; Brighton Collaboration Congenital Anomalies Workgroup. Congenital Anomalies: Case definition and guidelines for data collection, analysis, and presentation of immunization safety data. *Vaccine*. 2016; 34 (49): 6015-6026.

Duffy J, Weintraub E, Hambidge SJ, Jackson LA, **Kharbanda EO**, et al. Febrile seizure risk after vaccination in children 6 to 23 months. *Pediatrics*. 2016; 137(5): e20160320.

Kharbanda AB, Madhok M, Krause E, Vazquez-Benitez G, **Kharbanda EO**, Mize W, Schmeling D. Implementation of electronic decision support for pediatric appendicitis. *Pediatrics*. 2016; e20151745.

Kharbanda EO, Vazquez-Benitez G, Lipkind HS, Klein NP, Cheetham TC, Naleway AL, Lee GM, Hambidge S, Jackson ML, Omer SB, McCarthy N, Nordin JD. Maternal Tdap vaccination: Coverage and acute safety outcomes in the Vaccine Safety Datalink, 2007-2013. *Vaccine*. 2016; 34(7): 968-73.

McCarthy NL, Gee J, Sukumaran L, Weintraub E, Duffy J, **Kharbanda EO**, et al. Vaccination and 30-Day mortality risk in children, adolescents and young adults. *Pediatrics*. 2016; 137 (3): e20152970.

McNeil MM, Weintraub ES, Duffy J, Sukumaran L, Jacobsen SJ, Klein NP, Hambidge SJ, Lee GM, Jackson LA, Irving SA, King JP, **Kharbanda EO**, et al. Risk of anaphylaxis after vaccination in children and adults. *The Journal of Allergy and Clinical Immunology*. 2016; 137(3): 868-78.

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Other

Fluent in Spanish