

# Curriculum Vitae

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**Name:** Elyse Olshen Kharbanda, MD, MPH

**Maiden Name:** Elyse Miriam Olshen

## 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 - 2001 and 2005 – 2010 2010 – Present	New York Medical License 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
2006-2010	Member Committee on Adolescent Immunization
2011-Present	Consultant for Committee on Adolescent Immunization
2014-2017	Deputy Director of Publications

## National Committee Appointments:

03/17 – present	Chair - Special Emphasis Panel, PAR Linking Provider Recommendation to Adolescent HPV Uptake National Institute of Health
07/15-06/20	Health Services Organization and Delivery (HSOD) National Institute of Health
2007-2011	Advisory Committee on Immunization Practices Influenza Vaccine Working Group Member

#### **Current Position:**

05/16 – Present	HealthPartners Institute Senior Research Investigator
07/10 – 04/16	HealthPartners Institute Clinical 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	Morgan Stanley 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

**Grant support:**

9/16-9/22	<b>Principle Investigator</b> Centers for Disease Control & Prevention Vaccine Safety Datalink Infrastructure (CDC/200-2012-53526/007)
12/15-7/18	<b>Co-Investigator</b> National Institute of Allergy and Infectious Diseases (NIAID) Safety of Live versus Inactivated Influenza Vaccine in Asthmatic Children (R21AI122141)
9/15-9/20	<b>Principle Investigator</b> Centers for Disease Control & Prevention Evaluating the Risk of Spontaneous Abortion Following Administration of 4 valent HPV and 9-valent HPV (CDC/200-2012-53526/0006)
3/15-3/19	<b>Principle Investigator</b> National Institute of Child Health and Human Development/NIH/DHHS EHR-based Decision Support for Pediatric Acute Abdominal Pain in Emergency Care (R01HD079463)
9/13-8/18	<b>Principle Investigator</b> University of Iowa Birth Defects Study to Evaluate Pregnancy Exposure (BD-STEPS) (U01DD0001035)
8/12-7/18	<b>Principle Investigator</b> HealthPartners Institute EHR-Based Clinical Decision Support to Improve BP Management in Adolescents (R01HL115082)
9/12-9/15	<b>Co-Principle Investigator</b> CDC – Vaccine Safety Datalink Evaluating Influenza, Tdap, and HPV Vaccine Safety Among Pregnant Women
6/13-6/14	<b>Principle Investigator</b> Centers for Disease Control and Prevention/DHHS Population Incidence of Narcolepsy in the United States (R01TO 2013-01)
10/11-09/12	<b>Principle Investigator</b> HealthPartners Institute for Education and Research Pregnancy among Insured Adolescents and Missed Opportunities for Prevention (200-2012-53526/002)
9/12-9/13	<b>Principle Investigator</b> CDC – Vaccine Safety Datalink Risk of anaphylaxis following vaccination in children and adults

(200-2012-53526/0001)

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

**Teaching experience:**

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 Teaching 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

### Consulting:

2006-2007	Invited Speaker for Best Practices in Pediatric Medicine CME presentation on HPV vaccine Sponsored by Sci Med and Primary Care
2004 - 2005	Consultant for the Aptima Corporation Advised Aptima in designing an interactive CD to teach low literacy women about human papillomavirus

### Original Publications

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.

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 Jan 25. pii: e20172954 [Epub ahead of print]. 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.

\*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*. 2017 Jul 14:1-6. [Epub ahead of print]

\*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, Tomczyk 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.

Parker ED, Sinaiko AR, **Kharbanda EO**, Margolis KL, Daley MF, Trower NK, Sherwood NE, Greenspan L, Lo J, Magid D, O'Connor PJ. Change in Weight Status and development of hypertension. *Pediatrics*. 2016; 132(3):1-9.

Parker ED, Sinaiko AR, O'Connor PJ, Ekstrom HL, Appana DX, Amundson JH, **Kharbanda EO**. Potential misclassification of blood pressure status in children and adolescents with short or tall stature. *Am J Epidemiol*. 2016; 183(1): 79-83.

Groom HC, Henninger ML, Smith N, Koppolu P, Cheetham TC, Glanz JM, Hambidge SJ, Jackson KA, **Kharbanda EO**, et al. Influenza vaccination during pregnancy: Influenza seasons 2002-2012, Vaccine Safety Datalink. *American Journal of Preventive Medicine*. 2016; 50(4): 480-8.

Sukumaran L, McCarthy NL, **Kharbanda EO**, Weintraub ES, Vazquez-Benitez G, McNeil MM, Li R, Klein NP, Hambidge SJ, Naleway AL, Lugg MM, Jackson ML, King JP, DeStefano F, Omer SB, Orenstein WA. Safety of Tetanus Toxoid, Reduced Diphtheria Toxoid, and Acellular Pertussis and Influenza Vaccinations in Pregnancy. *Obstet Gynecol*. 2015 Nov;126(5):1069-74. PMID: PMC4618722.

Sukumaran L, McCarthy NL, **Kharbanda EO**, McNeil MM, Naleway AL, Klein NP, Jackson ML, Hambidge SJ, Lugg MM, Li R, Weintraub ES, Bednarczyk RA, King JP, DeStefano F, Orenstein WA, Omer SB. Association of Tdap Vaccination With Acute Events and Adverse Birth Outcomes Among Pregnant Women With Prior Tetanus-Containing Immunizations. *JAMA*. 2015 Oct 20;314(15):1581-7.

Maring B, Greenspan LC, Chandra M, Daniels SR, Sinaiko A, Prineas RJ, Parker ED, Adams KF, Daley MF, Sherwood NE, **Kharbanda EO**, Margolis KL, Magid DJ, O'Connor PJ, Lo JC. Comparing US paediatric and adult weight classification at the transition from late teenage to young adulthood. *Pediatr Obes*. 2015 Oct;10(5):371-9.

**Kharbanda EO**, Nordin JD, Sinaiko AR, Ekstrom HL, Stultz JM, Sherwood NE, Fontaine PL, Asche SE, Dehmer SP, Amundson JH, Appana DX, Bergdall AR, Hayes MG, O'Connor PJ. TeenBP: Development and Piloting of an EHR-Linked Clinical Decision Support System to Improve Recognition of Hypertension in Adolescents. *EGEMS (Wash DC)*. 2015 Jul 9;3(2):1142. PMID: PMC4537153

Parker ED, Sinaiko AR, Daley MF, **Kharbanda EO**, Trower NK, Tavel HM, Sherwood NE, Magid DJ, Margolis KL, O'Connor PJ. Factors associated with adherence to blood

pressure measurement recommendations at pediatric primary care visits, Minnesota and Colorado, 2007-2010. *Prev Chronic Dis*. 2015 Jul 23. PMID: PMC4515918.

Lu CY, Zhang F, Lakoma MD, Butler MG, Fung V, Larkin EK, **Kharbanda EO**, Vollmer WM, Lieu T, Soumerai SB, Chen Wu A. Asthma treatments and mental health visits after a food and drug administration label change for Leukotriene inhibitors. *Clin Ther*. 2015 Jun 1;37(6):1280-91.

Hoffstetter AM, Vargas CY, Camargo S, Holleran S, Vawdrey DK, **Kharbanda EO**, Stockwell MS. Impacting delayed pediatric influenza vaccination: a randomized controlled trial of text message reminders. *Am J Prev Med*. 2015 Apr 1; 48(4):392-401.

Wu AC, Butler MG, Li L, Fung V, **Kharbanda EO**, Larkin EK, Vollmer WM, Miroshnik I, Davis RL, Lieu TA, Soumerai SB. Primary adherence to controller medications for asthma is poor. *Ann Am Thorac Soc*. 2015; Feb;12(2):161-6. PMID: PMC4342835.

**Kharbanda EO**, Stuck LH, Molitor BA, Nordin JD. Missed opportunities for pregnancy prevention among insured adolescents. *JAMA Pediatr*. 2014 Dec 1; 168(12):e142809.

**Kharbanda EO**, Vazquez-Benitez G, Lipkind H, Klein NP, Cheetham TC, Naleway AL, Omer SB, Hambidge SJ, Lee GM, Jackson ML, McCarthy NL, DeStafano F, Nordin JD. Evaluation of the association of maternal pertussis vaccination with obstetric events and birth outcomes. *JAMA*. 2014 Nov 12; 312(18): 1897-904.

Nordin JD, **Kharbanda EO**, Vasquez-Benitez G, Lipkind H, Lee GM, Naleway AL. Monovalent H1N1 influenza vaccine safety in pregnant women, risks for adverse events. *Vaccine*. 2014 Sep 3;32(39):4985-92.

**Kharbanda EO**, Parker ED, Sinaiko AR, Daley MF, Margolis KL, Becker M, Sherwood NE, Magid DJ, O'Connor PJ. Initiation of oral contraceptives and changes in blood pressure and body mass index in healthy adolescents. *J Pediatr*. 2014 Sep 1. pii: S0022-3476(14)00696-9. PMID: PMC4252822.

**Kharbanda EO**, Vazquez-Benitez G, Lipkind H, Naleway AL, Klein NP, Cheetham TC, Hambidge SJ, Vellozzi C, Nordin JD. Receipt of pertussis vaccine during pregnancy across 7 vaccine safety datalink sites. *Prev Med*. 2014;67:316-9.

Wu AC, Li L, Fung V, **Kharbanda EO**, Larkin EK, Vollmer WM, Butler MG, Miroshnik I, Rusinak D, Davis RL, Hartert T, Weiss ST, Lieu TA. Use of leukotriene receptor antagonists are associated with a similar risk of asthma exacerbations as inhaled corticosteroids. *J Allergy Clin Immunol Pract*. 2014;2(5):607-13.

Margolis KL, Greenspan LC, Trower NK, Daley MF, Daniels SR, Lo JC, **Kharbanda EO**, Sinaiko AR, Magid DJ, Parker ED, Chandra M, Tavel HM, O'Connor PJ. Lipid screening in children and adolescents in community practice: 2007 to 2010. *Cir Cardiovasc Qual Outcomes*. 2014;7(5):718-26. PMID: PMC4167939.

Gilmer TP, O'Connor PJ, Sinaiko AR, **Kharbanda EO**, Magid DJ, Sherwood NE, Adams KF, Parker ED, Margolis KL. Impact of hypertension on healthcare costs among children. *Am J Manag Care*. 2014;20(8):622-8. PMID: PMC4430834.



Lo JC, Maring B, Chandra M, Daniels SR, Sinaiko A, Daley MF, Sherwood NE, **Kharbanda EO**, Parker ED, Adams KF, Prineas RJ, Magid DJ, O'Connor PJ, Greenspan LC. Prevalence of obesity and extreme obesity in children aged 3-5 years. *Pediatr Obes*. 2014 Jun;9(3):167-75. PMID: PMC3830709.

Nordin JD, **Kharbanda EO**, Vazquez Benitez G, Lipkind H, Vellozzi C, Destefano F; Vaccine Safety Datalink. Maternal influenza vaccine and risks for preterm or small for gestational age birth. *J Pediatr*. 2014 May; 164(5):1051-1057.

Lo, JC, Chandra M, Sinaiko A, Daniels SR, Prineas RJ, Maring B, Parker ED, Sherwood NE, Daley MF, **Kharbanda EO**, Adams KF, Magid DJ, O'Connor PJ, Greenspan LC. Severe obesity in children: prevalence, persistence and relation to hypertension. *Int J Pediatr Endocrinol*. 2014 Mar 3; 2014(1):3. PMID: PMC3976673.

Li L, Vollmer WM, Butler MG, Wu P, **Kharbanda EO**, Wu AC. A comparison of confounding adjustment methods for assessment of asthma controller medication effectiveness. *Am J Epidemiol*. 2014 Mar 1;179(5):648-59. PMID: PMC3983403.

Naleway AL, Kurosky S, Henninger ML, Gold R, Nordin JD, **Kharbanda EO**, Irving S, Craig Cheetham T, Nakasato C, Glanz JM, Hambidge SJ, Davis RL, Klein NP, McCarthy NL, Weintraub E. Vaccinations given during pregnancy, 2002-2009: a descriptive study. *AM J Prev Med*. 2014 Feb; 46(2):150-7.

Stockwell MS, Westhoff C, **Kharbanda EO**, Vargas C, Vawdrey DK, Camargo S, Castaño PM. Influenza vaccination text message reminders for urban, low-income pregnant women: a randomized controlled trial. *Am J Pub J Health*. 2014; 104 Suppl 1: e7-e12.

Tse SM, Li L, Butler MG, Fung V, **Kharbanda EO**, Larkin EK, Vollmer WM, Miroshnik I, Rusinak D, Weiss ST, Lieu T, Wu A. Statin exposure is associated with decreased asthma-related emergency department visits and oral corticosteroid use. *Am J Respir Crit Care Med*. 2013 188(9): 1076-82. PMID: PMC3863744.

Nordin JD, Parker ED, VazquezBenitez G, **Kharbanda EO**, Naleway A, Marcy M, Molitor B, Kuckler L, Baggs J. Safety of the yellow fever vaccine: a retrospective study. *J Trav Med*. 2013; 20(6): 368-73.

**Kharbanda EO**, VazquezBenitez GX, Lipkind H, Naleway A, Lee G, Nordin JD. Inactivated influenza vaccine during pregnancy and risks for adverse obstetric events. *Obstetric & Gynecology*. 2013 Sep;122(3):659-67.

**Kharbanda EO**, Parker E, Nordin JD, Hedblom B, Rolnick SJ. Receipt of human papillomavirus vaccine among privately insured adult women in a U.S. Midwestern health maintenance organization. *Prev Med*. 2013; 57(5): 712-4.

Society for Adolescent Health and Medicine, English A, Ford CA, Kahn JA, **Kharbanda EO**, Middleman AB. Adolescent consent for vaccination: a position paper of the Society for Adolescent Health and Medicine. *J Adolesc Health*. 2013 Oct ; 53(4):550-3.

Daley MF, Sinaiko AR, Reifler LM, **Kharbanda EO**, et al. Patterns of care and persistence after incident elevated blood pressure. *Pediatrics*. 2013 Aug;132(2):e349-55. PMID: PMC3727670.

Naleway AL, Gold R, Kurosky S, Riedlinger K, Henninger ML, Nordin JD, **Kharbanda EO**, Irving S, Cheetham TC, McCarthy NL. Identifying pregnancy episodes, outcomes, and mother-infant pairs in the vaccine safety datalink. *Vaccine*. 2013 Jun 12;31(27):2898-903.

O'Connor PJ, Desai JR, Butler JC, **Kharbanda EO**, Sperl-Hillen JM. Current status and future prospects for electronic point-of-care clinical decision support in diabetes care. *Curr Diab Rep*. 2013 Apr;13(2):172-6. PMID: PMC3595375.

Nordin JD, **Kharbanda EO**, VazquezBenitez GX, Nichol K, Lipkind H, Naleway A, Lee GM, Hambidge S, Shi WX, Olsen A. Maternal safety of trivalent inactivated influenza vaccine in pregnant women. *Obstet Gynecol*. 2013;121(3):519-25.

Lo JC, Sinaiko AR, Chandra M, Daley MF, Greenspan L, Parker ED, **Kharbanda EO**, Margolis KL, Adams KF, Prineas R, Magid DJ, O'Connor PJ. Prehypertension and hypertension in community-based pediatric practice. *Pediatrics*. 2013 Feb; 131(2):e415-24. PMID: PMC3557407.

**Kharbanda EO**, Parker ED, Nordin JD, Hedblom BD, Rolnick SJ. Influenza and pertussis vaccination coverage among privately insured women of reproductive age. *Maternal and Child Health Journal*. 2013; 17(9):1631-7.

**Kharbanda EO**, VazquezBenitez GX, Shi WX, Lipkind H, Naleway A, Molitor BA, Kuckler LC, Olsen A, Nordin JD. Assessing the safety of influenza immunization during pregnancy: the vaccine safety datalink. *Amer J Obstet Gynecol*. 2012 Sep; 207(3 Suppl):S47-S51.

Chernick L, **Kharbanda EO**, Santelli JS, Dayan P. Identifying adolescent females at high risk of pregnancy in a pediatric emergency department. *J Adolesc Health*. 2012 Aug;51:171-8.

Stockwell MS, **Kharbanda EO**, Martinez RA, Vargas CY, Vawdrey DK, Camargo S. Effect of a text messaging intervention on influenza vaccination in an urban, low-income pediatric and adolescent population: a randomized controlled trial. *Journal of the American Medical Association*. 2012 Apr 25;307(16):1702-8.

**Kharbanda EO**, Stockwell MS, Fox H, Ipp LS, Rickert VI. The role of human papillomavirus vaccination in promoting delivery of other preventive and medical services. *Academic Pediatrics*. 2011 Jul-Aug;11(4):326-32.

Stockwell MS, **Kharbanda EO**, Martinez RA, Lara M, Vawdrey D, Natarajan K, Rickert VI. Text4Health: impact of text message reminder-recalls for pediatric and adolescent immunizations. *Am J Pub Health*. 2012 Feb; 102(2):e15-e21. PMID: PMC3483980.

**Kharbanda EO**, Levine SB, Burstein GR. Delivering adolescent preventive services in an office setting. *Adolesc Med State Art Rev*. 2011 Dec;22(3):482-97, xi.

**Kharbanda EO**, Stockwell MS, Fox HW, Andres R, Lara M, Rickert VI.

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**Kharbanda EO**, Vargas CY, Castaño PM, Lara M, Andres R, Stockwell MS. Exploring pregnant women's views on influenza vaccination and educational text messages. *Preventive Medicine*. 2011 Jan; 52(1):75-7.

**Kharbanda EO**, Stockwell M, Colgrove J, Natarajan K, Rickert VI. Changes in Tdap and MCV4 coverage following enactment of a statewide Tdap school-entry mandate. *American Journal of Public Health*. 2010 Sep; 100: 1635-40. PMID: PMC2920954.

**Kharbanda EO**, Kahn J. Vaccinating teens: current guidelines, challenges and opportunities. *Pediatr Ann*. 2010 Aug;39(8):483-9.

**Kharbanda EO**, Stockwell M, Fox H, Rickert VI. Text4Health: A qualitative evaluation of parental readiness for text message immunization reminders. *American Journal of Public Health*. 2009 Dec; 99(12):2176-8. PMID: PMC2775765.

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**Kharbanda EO**, Maehr J, Middleman AB, Rickert VI, Zimet GL. Influenza vaccine: a position statement of the Society For Adolescent Medicine. *J Adolesc Health*. 2007 Aug;41(2):216-7.

**Olshen E**, Mahon BE, Wang S, Woods ER. The impact of state policies on vaccine coverage by age 13 among an insured population. *Journal of Adolescent Health*. 2007; 40(5):405-11.

**Olshen E**, McVeigh T, Wunsch-Hitzig R, Rickert V. Dating violence, sexual assault, and suicide attempts among urban teens. *Archives of Pediatric and Adolescent Medicine*. 2007. 161(6):539-45.

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**Editorial articles**      Parker ED, **Kharbanda EO**, Sinaiko AR. Are we measuring blood pressure correctly in children, particularly in obesity? *Arch Dis Child*. 2016 Nov;101(11):990-99.

**Kharbanda EO.** Helping mothers to get the message about influenza: are texts the future for increased immunization? *Expert Rev. Vaccines*. 2015 Mar;14(3):333-5.

## **Review articles**

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**Olshen Kharbanda E,** Stockwell M, Fox H, Rickert VI. Response: Text4Health: A qualitative evaluation of parental readiness for text message. *American Journal of Public Health*. 100 (61): 970.

**Olshen E.** Decorating the body with a safer alternative to tattooing. *Contemporary Pediatrics*. 2002; 11: 127.

## Presentations

**Kharbanda EO.** Normalizing HPV vaccine for patients and families. Presented at the 25<sup>th</sup> Annual Practical Pediatrics for Primary Care. September 17, 2015.

**Kharbanda EO,** Nordin JD, Asche SE, Trower NK, Sinaiko A, Stultz JM, Fontaine PL, Sherwood NE, Dehmer SP, Ekstrom HL, O'Connor PJ. Incident ADHD diagnoses and use of stimulant medication among youth 10-17 years. Presented at the Academy of Health Annual Research Meeting. Minneapolis, MN; June 15, 2015.

**Kharbanda EO.** Innovative strategies to increase adolescent immunizations: tips, techniques and system changes that helped to increase adolescent immunization rates and MIIC reporting. Hot Topics in Pediatrics conference, sponsored by the MN chapter of the American Academy of Pediatrics. Bloomington, Minnesota; May 1, 2015.

**Kharbanda EO,** Nordin JD, VazquezBenitez G. Studies on the Safety of Influenza Vaccine in Pregnancy in the Vaccine Safety Datalink (VSD). Progress in Overcoming Barriers to Influenza Vaccination for Pregnant Women, Sponsored by the National Vaccine Program Office, Co-sponsored by the American College of Obstetrics and Gynecology, the U.S. Food and Drug Administration, and the National Institute of Allergy and Infectious Diseases, Rockville, Maryland; October 27, 2011.

## Selected Abstracts

O'Connor PJ, Parker ED, Sinaiko AR, **Kharbanda EO,** Margolis KL, Daley MF, Trower NK, Sherwood NE, Greenspan LD, Lo JC, Magid DJ. Relation of Change in Weight Status to the Development of Hypertension in Children and Adolescents. Poster Presentation. 8th Annual Meeting of the D&CVD Study Group. October 29-31, 2015. Munich, Germany.

Fontaine PL, **Kharbanda EO,** Asche SE, Nordin JD, O'Connor PJ, Dehmer SP, Sinaiko A, Sherwood NE, Ekstrom HL. Low clinical utility of a systolic BP-to-height ratio for pediatric hypertension screening. Poster presented at the 2015 Pediatric Academic Societies Annual Meeting, San Diego, CA, April 2015.

**Kharbanda EO,** Nordin JD, Asche SE, Trower NK, Sinaiko A, Stultz JM, Fontaine PL, Sherwood NE, Dehmer SP, Ekstrom HL, O'Connor PJ. Incident ADHD diagnoses and use of stimulant medication among youth 10-17 years. Poster presented at the 2015 Pediatric Academic Societies Annual Meeting, San Diego, CA, April 2015.

**Kharbanda EO,** Vazquez-Benitez G, Lipkind H, Klein NP, Cheetham TC, Naleway AL, Omer SB, Hambidge SJ, Lee GM, Jackson ML, McCarthy NL, DeStafano F, Nordin JD. Evaluation of the association of maternal pertussis vaccination with obstetric events and birth outcomes. Presented at the 2014 Pediatric Academic Societies/Asian Society for Pediatric Research (PAS/ASPR) Joint Meeting, Vancouver, Canada, May 2014.

**Kharbanda EO.** Tdap during pregnancy: safety and coverage data from the VSD. Presented at the Meeting of the Advisory Committee on Immunization Practices (ACIP), Atlanta, GA, February 27, 2014.

Wu AC, Li L, Fung V, **Kharbanda EO**, Larkin EK, Soumerai S, Vollmer WM, Butler MG, Miroshnik I, Rusinak D, Davis RI, Weiss ST, Lieu TA. Leukotriene inhibitors may be more effective than inhaled corticosteroids in preventing asthma-related exacerbations. *Am J Respir Crit Care Med*. 2013;187(1):A2332. Presented at the American Thoracic Society International Conference, Philadelphia, PA, May 2013.

**Kharbanda EO**, Anderson CP, Molitor BA, Nordin JD. Disparities in pregnancy and birth rates among insured adolescents, 2003-2010. Presented at the Pediatric Academic Societies Annual Meeting, Washington DC, May 2013.

**Kharbanda EO**, Parker ED, Sinaiko AR, Daley MF, Margolis KL, Becker MT, Adams KF, Sherwood NE, Magid DJ, O'Connor PJ. Impact of oral contraceptives on adolescent blood pressure and BMI. Presented at the Pediatric Academic Societies Annual Meeting, Washington DC, May 2013.

Parker ED, **Kharbanda EO**, O'Connor PJ, Trower NK, Tavel HM, Sherwood NE, Adams, KF, Jacobs DR, Sinaiko AR, Morgolis KL, Daley MF. Association of BMI and change in BMI on progression from normotension to prehypertension or hypertension in patients ages 3-17. Presented at the Pediatric Academic Societies Annual Meeting, Washington DC, May 2013.

Parker ED, O'Connor PJ, **Kharbanda EO**, Sherwood NE, Daley MF, Tavel HM, Adams KF, Jacobs DR, Sinaiko AR, Lo JC, Margolis KL, Magid DJ. Impact of BMI and change in BMI on progression from normotension to prehypertension or hypertension in patients Ages 3-17. Poster at the Celebration of Research, HealthPartners Institute for Education and Research, Bloomington, MN, Aug 2012.

Naleway A, Weintraub E, Riedlinger K, Gold R, Donahue J, **Kharbanda E**, et al. A descriptive study of vaccinations occurring during pregnancy, 2002-2006. Presented at the 2012 HMORN Annual Meeting, Seattle, Washington.

Naleway A, Gold R, Henninger M, Kurosky S, Riedlinger K, Nordin J, **Kharbanda E**, Weintraub E. Identifying pregnancy episodes in the vaccine safety datalink. Presented at the 2012 HMORN Annual Meeting, Seattle, Washington, May 2012.

Adams K, Sinaiko A, Lo J, Magid D, **Kharbanda E**, et al. Prevalence of HT in children: comparison between task force recommendations and average of multiple measurements over 2 or 4 years. Presented at the 2012 HMORN Annual Meeting, Seattle, Washington, May 2012.

O'Connor PJ, Adams KF, Margolis KL, Magid DJ, Lo J, Daley MF, **Kharbanda EO**. Prevalence of elevated blood pressure and BMI in US children and adolescents. Presented at the HMORN Annual Meeting, Seattle, Washington, May 01, 2012.

**Kharbanda EO**, Sinaiko A, Parker ED, Margolis KL, Greenspan L, Daley MF, Adams KF, O'Connor PJ. Baseline blood pressure among adolescents initiating hormonal contraception. Poster at the 2012 Pediatric Academic Societies' Annual Meeting, Boston, MA, April 30, 2012.

**Kharbanda EO**, Nordin JD, Vazquez-Benitez G, et al. Safety of the seasonal influenza vaccine during pregnancy: maternal health outcomes. Presented at the VSD Annual Meeting, Denver, CO, March 21, 2012.

O'Connor PJ, Magid DJ, Lo JC, Sinaiko AR, **Kharbanda EO**, Daley MF, Adams KF, Margolis KL, Parker ED. Overweight and obesity in children and adolescents age 3-17 years: implications for primary prevention of Diabetes. Presented at the American Diabetes Association's 71st Scientific Sessions, San Diego, California, June 24, 2011.

Adams KF, Margolis KL, Magid DJ, Lo JC, Sinaiko AR, **Kharbanda EO**, Daley MF, Parker ED, O'Connor PJ. Prevalence of overweight and elevated blood pressure in a large cohort of children and adolescents. Poster at the ASH Twenty-Sixth Annual Scientific Meeting and Exposition, New York, New York, May 21, 2011.

Chernick L, Santelli JS, **Kharbanda EO**, Dayan P. Intentions for pregnancy among female adolescents presenting to a pediatric emergency department. Poster at the 2011 Pediatric Academic Society Annual Meeting, Denver, CO, May 01, 2011.

Stockwell M, Martinez RA, **Kharbanda EO**, Vargas C, Vawdrey D, Camargo S. FluText: using text messaging to promote timely flu vaccination in an underserved child population. Presented at the 2011 Pediatric Academic Society Annual Meeting, Denver, CO, May 01, 2011.

Peterson MS, Margolis KL, Sherwood NE, **Kharbanda EO**, Sinaiko AR, Magid DJ, Daley MF, Lo JC, O'Connor PJ. HMORN research on pediatric hypertension and obesity: predictors, care, and costs: design of a new pediatric cohort. Presented at the 17th Annual HMO Research Network Conference, Boston, MA, March 24, 2011.

**Kharbanda EO**, Stockwell MS, Fox HW, Andres R, Lara M, Rickert VI. Text message reminders to promote Human Papilloma Virus vaccination. Presented at the 2011 Society for Adolescent Health and Medicine Annual Meeting, Seattle, WA, March 01, 2011.

Stockwell M, Martinez RA, **Kharbanda EO**, Vargas C, Vawdrey D, Camargo S. FluText: using text messaging to promote timely flu vaccination in an underserved child population. Presented at the 45th National Immunization Conference, Washington DC, March 01, 2011.

Adams KF, Parker ED, Schneider NK, Tavel HM, Chandra M, Becker MT, , Daley MF, Sherwood NE, Sinaiko AR, Magid DJ, Margolis KL, **Kharbanda EO**, O'Connor PJ. Patterns of blood pressure measurement at pediatric primary care visits in large medical group practices. Presented at the MN HSR Conference, St. Paul, MN, March 01, 2011.

**Olshen Kharbanda E**, Stockwell M, Fox H, Ipp L, Rickert VI. The role of Human Papilloma Virus vaccine in promoting delivery of adolescent preventive health services. Accepted for poster presentation at the 2010 Society for Adolescent Medicine and Health Annual Meeting, Toronto, Canada.

**Olshen Kharbanda E**, Stockwell M, Fox H, Chang J, Saldanha N, Rickert VI. Timeliness of Human Papilloma Virus vaccination, missed opportunities and practice-level variation. Accepted for poster presentation at the 2010 Society for Adolescent Medicine and Health Annual Meeting, Toronto, Canada.

Stockwell M, **Olshen Kharbanda E**, Andres R, Lara M, Natarajan K, Rickert VI. Text4Health: effectiveness of immunization registry linked text message reminders On adolescent immunization coverage. Oral presentation at the 44<sup>th</sup> National Immunization Conference, Atlanta and Poster Symposium Presentation at the 2010 Pediatric Academic Societies Annual Meeting, Vancouver, Canada.

Chernick L, **Olshen Kharbanda E**, Santelli J, Dayan P. Which adolescents presenting to the pediatric emergency department are at highest risk for pregnancy? Poster presentation at the 2010 Pediatric Academic Societies Annual Meeting, Vancouver, Canada.

**Olshen Kharbanda E**, Stockwell M, Fox H, Rickert VI. Text4Health: A qualitative evaluation of parental readiness for text message immunization reminders. Platform Presentation at the 2009 Society for Adolescent Medicine Annual Conference, Los Angeles, CA. March 28, 2009.

**Olshen Kharbanda E**, Stockwell M, Colgrove J, Natarajan K, Rickert VI. Impact of a Tdap school-entry mandate on Tdap and MCV4 coverage. Platform Presentation at the 2009 Eastern Society for Pediatric Research Annual Conference, Philadelphia, PA. March 14, 2009.

## Other

Fluent in Spanish