

## Publications and Abstracts

### Publications:

#### 2010

1. Kapetanovic S, Leister E, Nichols S, Miller T, Tassiopoulos K, Hazra R, Gelbard H, Malee K, Kammerer B, Mendez A, and Williams P for the Pediatric HIV/AIDS Cohort Study. **Relationships between markers of vascular dysfunction and neurodevelopmental outcomes in perinatally HIV-infected youth.** *AIDS* **2010**; 24(10):1481-91. PMID: PMC2885052. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2885052/>
2. Tassiopoulos K, Read J, Brogly S, Rich K, Lester B, Spector S, Yogev R, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Substance use in HIV-Infected women during pregnancy: self-report versus meconium analysis.** *AIDS Behav* **2010**; 14(6):1269-78. PMID: PMC3098043. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3098043/>

#### 2011

3. Van Dyke R, Patel K, Siberry G, Burchett S, Spector S, Chernoff M, Read J, Mofenson L, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Antiretroviral treatment of US children with perinatally acquired HIV infection: temporal changes in therapy between 1991 and 2009 and predictors of immunologic and virologic outcomes.** *J Acquir Immune Defic Syndr* **2011**; 57(2):165-73. PMID: PMC3125481. <http://www.ncbi.nlm.nih.gov/pubmed/21407086>
4. Siberry G, Patel K, Van Dyke R, Hazra R, Burchett S, Spector S, Paul M, Read J, Wiznia A, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **CD4+ lymphocyte-based immunologic outcomes of perinatally HIV-infected children during antiretroviral therapy interruption.** *J Acquir Immune Defic Syndr* **2011**; 57(3):223-9. PMID: PMC3156860. <http://www.ncbi.nlm.nih.gov/pubmed/21423022>
5. Mellins C, Tassiopoulos K, Malee K, Moscicki A, Patton D, Smith R, Usitalo A, Allison S, Van Dyke R, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Behavioral health risks in perinatally HIV-exposed youth: co-occurrence of sexual and drug use behavior, mental health problems, and nonadherence to antiretroviral treatment.** *AIDS Patient Care STDS* **2011**; 25(7):413-22. PMID: PMC3125549. <http://www.ncbi.nlm.nih.gov/pubmed/21992620>
6. Griner R, Williams P, Read J, Seage GR III, Crain M, Yogev R, Hazra R, and Rich K for the Pediatric HIV/AIDS Cohort Study. **In utero and postnatal exposure to antiretrovirals among HIV-exposed but uninfected children in the United States.** *AIDS Patient Care STDS* **2011**; 25(7):385-94. PMID: PMC3125552. <http://www.ncbi.nlm.nih.gov/pubmed/21992592>
7. Malee K, Tassiopoulos K, Huo Y, Siberry G, Williams P, Hazra R, Smith R, Allison S, Garvie P, Kammerer B, Kapetanovic S, Nichols S, Van Dyke R, Seage GR III, and Mellins C for the Pediatric HIV/AIDS Cohort Study. **Mental health functioning among children and adolescents with perinatal HIV infection and perinatal HIV exposure.** *AIDS Care* **2011**; 23(12):1533-44. PMID: PMC3387978. <http://www.ncbi.nlm.nih.gov/pubmed/21702707>
8. Crain M, Williams P, Griner R, Tassiopoulos K, Read J, Mofenson L, and Rich K for the Pediatric HIV/AIDS Cohort Study. **Point-of-care capillary blood lactate measurements in human immunodeficiency virus-uninfected children with in utero exposure to human immunodeficiency virus and antiretroviral medications.** *Pediatr Infect Dis J* **2011**; 30(12):1069-74. PMID: PMC3242409. <http://www.ncbi.nlm.nih.gov/pubmed/22051859>

9. Geffner M, Patel K, Miller T, Hazra R, Silio M, Van Dyke R, Borkowsky W, Worrell C, DiMeglio L, and Jacobson D for the Pediatric HIV/AIDS Cohort Study. **Factors associated with insulin resistance among children and adolescents perinatally infected with HIV-1 in the pediatric HIV/AIDS cohort study.** *Horm Res Paediatr* **2011**; 76(6):386-91. PMID: PMC3697231. <http://www.ncbi.nlm.nih.gov/pubmed/22042056>
10. Jacobson D, Patel K, Siberry G, Van Dyke R, DiMeglio L, Geffner M, Chen J, McFarland E, Borkowsky W, Silio M, Fielding R, Siminski S, and Miller T for the Pediatric HIV/AIDS Cohort Study. **Body fat distribution in perinatally HIV-infected and HIV-exposed but uninfected children in the era of highly active antiretroviral therapy: outcomes from the Pediatric HIV/AIDS Cohort Study.** *Am J Clin Nutr* **2011**; 94(6):1485-95. PMID: PMC3252548. <http://www.ncbi.nlm.nih.gov/pubmed/22049166>

## 2012

11. Rice M, Buchanan A, Siberry G, Malee K, Zeldow B, Frederick T, Purswani M, Hoffman H, Sirois P, Smith R, Torre P, Allison S, and Williams P for the Pediatric HIV/AIDS Cohort Study. **Language impairment in children perinatally infected with HIV compared to children who were HIV-exposed and uninfected.** *J Dev Behav Pediatr* **2012**; 33(2):112-23. PMID: PMC3310927. <http://www.ncbi.nlm.nih.gov/pubmed/22179050>
12. Siberry G, Leister E, Jacobson D, Foster S, Seage GR III, Lipshultz S, Paul M, Purswani M, Colin A, Scott G, and Shearer W for the Pediatric HIV/AIDS Cohort Study. **Increased risk of asthma and atopic dermatitis in perinatally HIV-infected children and adolescents.** *Clin Immunol* **2012**; 142(2):201-8. PMID: PMC3273595. <http://www.ncbi.nlm.nih.gov/pubmed/22094294>
13. Miller T, Borkowsky W, DiMeglio L, Dooley L, Geffner M, Hazra R, McFarland E, Mendez A, Patel K, Siberry G, Van Dyke R, Worrell C, and Jacobson D for the Pediatric HIV/AIDS Cohort Study. **Metabolic abnormalities and viral replication are associated with biomarkers of vascular dysfunction in HIV-infected children.** *HIV Med* **2012**; 13(5):264-75. PMID: PMC3297698. <http://www.ncbi.nlm.nih.gov/pubmed/22136114>
14. Williams P, Seage GR III, Van Dyke R, Siberry G, Griner R, Tassiopoulos K, Yildirim C, Read J, Huo J, Hazra R, Jacobson D, Mofenson L, and Rich K for the Pediatric HIV/AIDS Cohort Study. **A trigger-based design for evaluating the safety of in utero antiretroviral exposure in uninfected children of human immunodeficiency virus-infected mothers.** *Am J Epidemiol* **2012**; 175(9):950-61. PMID: PMC3390009. <http://www.ncbi.nlm.nih.gov/pubmed/22491086>
15. Siberry G, Williams P, Mendez H, Seage GR III, Jacobson D, Hazra R, Rich K, Griner R, Tassiopoulos K, Kacanek D, Mofenson L, Miller T, DiMeglio L, and Watts D for the Pediatric HIV/AIDS Cohort Study. **Safety of tenofovir use during pregnancy: early growth outcomes in HIV-exposed uninfected infants.** *AIDS* **2012**; 26(9):1151-9. PMID: PMC3476702. <http://www.ncbi.nlm.nih.gov/pubmed/22382151?dopt=abstract>
16. Smith R, Chernoff M, Williams P, Malee K, Sirois P, Mellins C, Wilkins M, Nichols S, and Rutstein R for the Pediatric HIV/AIDS Cohort Study. **Impact of HIV severity on cognitive and adaptive functioning during childhood and adolescence.** *Pediatr Infect Dis J* **2012**; 31(6):592-8. PMID: PMC3424347. <http://www.ncbi.nlm.nih.gov/pubmed/22592486>
17. Torre P, Zeldow B, Hoffman H, Buchanan A, Siberry G, Rice M, Sirois P, and Williams P for the Pediatric HIV/AIDS Cohort Study. **Hearing loss in perinatally human immunodeficiency virus-infected and human immunodeficiency virus-exposed but uninfected children and adolescents.** *Pediatr Infect Dis J* **2012**; 31(8):835-41. PMID: PMC3410657. <http://www.ncbi.nlm.nih.gov/pubmed/22549437>

## 2013

18. Purswani M, Patel K, Kopp JB, Seage GR III, Chernoff MC, Hazra R, Siberry GK, Mofenson LM, Scott GB, and Van Dyke RB for the Pediatric HIV/AIDS Cohort Study. **Tenofovir treatment duration predicts proteinuria in a multi-ethnic United States cohort of children and adolescents with perinatal HIV-1 infection.** *Pediatr Infect Dis J* **2013**; 32(5):495-500; PMID: PMC3800277.  
<http://www.ncbi.nlm.nih.gov/pubmed/23249917>
19. Wilkinson J, Williams P, Leister E, Zeldow B, Shearer W, Colan S, Siberry G, Dooley L, Scott G, Rich K and Lipshultz S for the Pediatric HIV/AIDS Cohort Study. **Cardiac biomarkers in HIV-exposed uninfected children: The Pediatric HIV/AIDS Cohort Study (PHACS) Surveillance Monitoring for Antiretroviral Therapy Toxicities (SMARTT) Protocol.** *AIDS* **2013**; 27(7):1099-108; PMID: PMC4142694.  
<http://www.ncbi.nlm.nih.gov/pubmed/23211773>
20. Tassiopoulos K, Moscicki B, Mellins C, Kacanek D, Malee K, Allison S, Hazra R, Siberry G, Smith R, Paul M, Van Dyke R, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Sexual risk behavior among youth with perinatal HIV infection in the US: Predictors and implications for intervention development.** *Clin Infect Dis* **2013**; 56(2):283-90. PMID: PMC3526253. <http://www.ncbi.nlm.nih.gov/pubmed/23139252>
21. DiMeglio L, Wang J, Siberry G, Miller T, Geffner M, Hazra R, Borkowsky W, Chen J, Dooley L, Patel K, Van Dyke R, Fielding R, Gurmu Y, and Jacobson D for the Pediatric HIV/AIDS Cohort Study. **Bone mineral density in children and adolescents with perinatal HIV infection.** *AIDS* **2013**; 27(2):211-20; PMID: PMC4157938. <http://www.ncbi.nlm.nih.gov/pubmed/23032412>
22. Sirois P, Huo Y, Williams PL, Malee K, Garvie P, Kammerer B, Rich K, Van Dyke RB, and Nozyce ML for the Pediatric HIV/AIDS Cohort Study. **Safety of perinatal exposure to antiretroviral medications: developmental outcomes in infants.** *Pediatr Infect Dis J.* **2013**; 32(6):648-55; PMID: PMC3723344.  
<http://www.ncbi.nlm.nih.gov/pubmed/23340561>
23. Watts D, Williams P, Kacanek D, Griner R, Rich K, Hazra R, Mofenson L, and Mendez H for the Pediatric HIV/AIDS Cohort Study. **Combination antiretroviral use and preterm birth.** *J Infect Dis* **2013**; 207(4):612-21; PMID: PMC3549601. <http://www.ncbi.nlm.nih.gov/pubmed/23204173>
24. Himes SK, Scheidweiler KB, Tassiopoulos K, Kacanek D, Hazra R, Rich K, and Huestis MA for the Pediatric HIV/AIDS Cohort Study. **Development and validation of the first liquid chromatography-tandem mass spectrometry assay for simultaneous quantification of multiple antiretrovirals in meconium.** *Analytical Chemistry* **2013**; 85(5):1896-904; PMID: PMC3638039. <http://www.ncbi.nlm.nih.gov/pubmed/23256731>
25. Lipshultz SE, Williams PL, Wilkinson JD, Leister E, Van Dyke R, Shearer WT, Rich KC, Hazra R, Kaltman J, Jacobson D, Dooley LB, Scott GW, Rabideau N, and Colan SD for the Pediatric HIV/AIDS Cohort Study. **Cardiac status of HIV-infected children treated with long-term combination antiretroviral therapy: results from the Adolescent Master Protocol of the NIH multicentre Pediatric HIV/AIDS Cohort Study.** *JAMA Pediatrics* **2013**; 167(6):520-7; PMID: PMC4180681.  
<http://www.ncbi.nlm.nih.gov/pubmed/23608879>
26. Rice ML, Zeldow B, Siberry GK, Purswani M, Malee K, Hoffman H, Frederick T, Buchanan A, Sirois PA, Allison SM, and Williams PL for the Pediatric HIV/AIDS Cohort Study. **Evaluation of risk for late language emergence after In Utero antiretroviral drug exposure in HIV-exposed uninfected infants.** *Pediatr Infect Dis J.* **2013**; 32(10):e406-13; PMID: PMC3785009.  
<http://www.ncbi.nlm.nih.gov/pubmed/24067563>

27. Williams PL, Abzug MJ, Jacobson DL, Wang J, Van Dyke RB, Hazra R, Patel K, DiMeglio LA, McFarland EJ, Silio M, Borkowsky W, Seage GR III, Oleske JM, and Geffner ME for the International Maternal Pediatric and Adolescent AIDS Clinical Trials P219/219C Study and the Pediatric HIV/AIDS Cohort Study. **Pubertal onset in perinatally HIV-infected children in the era of combination antiretroviral treatment.** *AIDS* **2013**; 27(12):1959-70; PMID: PMC4143250. <http://www.ncbi.nlm.nih.gov/pubmed/24145244>
28. Sharma TS, Jacobson DL, Anderson L, Gerschenson M, Van Dyke RB, McFarland EJ, and Miller TL for the Pediatric HIV/AIDS Cohort Study. **The relationship between mitochondrial dysfunction and insulin resistance in HIV-infected children receiving antiretroviral therapy.** *AIDS Research and Human Retroviruses* **2013**; 29(9):1211-7; PMID: PMC3749716. <http://www.ncbi.nlm.nih.gov/pubmed/23742635>
29. Usitalo A, Leister E, Tassiopoulos K, Allison S, Malee, Paul M, Smith R, Van Dyke R, Seage GR III, and Mellins C for the Pediatric HIV/AIDS Cohort Study. **Relationship between viral load and self-report measures of adherence among youth with perinatal HIV infection.** *AIDS Care* **2013**; 26(1):107-15; PMID: PMC4190051. <http://www.ncbi.nlm.nih.gov/pubmed/23800360>

## 2014

30. Malee KM, Mellins CA, Huo Y, Tassiopoulos K, Smith R, Sirois PA, Allison SM, Kacanek D, Kapetanovic S, Williams PL, Grant ML, Marullo D, and Aidala AA for the Pediatric HIV/AIDS Cohort Study. **Prevalence, incidence and persistence of psychiatric and substance use disorders among mothers living with HIV.** *J Acquir Immune Defic Syndro* **2014**; 65(5):526-34; PMID: PMC3999478  
<http://www.ncbi.nlm.nih.gov/pubmed/24759063>
31. Patel K, Wang J, Jacobson DL, Lipshultz SE, Landy DC, Geffner ME, DiMeglio LA, Seage GR III, Williams PL, Van Dyke RB, Siberry GK, Shearer WT, Young L, Scott GB, Wilkinson JD, Fisher SD, Starc TJ, and Miller TL for the Pediatric HIV/AIDS Cohort Study. **Aggregate risk of cardiovascular disease among adolescents perinatally infected with the human immunodeficiency virus.** *Circulation* **2014**; 129(11):1204-12; PMID: PMC3991841 <http://www.ncbi.nlm.nih.gov/pubmed/24366631>
32. Alperen J, Brummel S, Tassiopoulos K, Mellins CA, Kacanek D, Smith R, Seage GR III, and Moscicki AB for the Pediatric HIV/AIDS Cohort Study. **Prevalence of and risk factors for substance use among perinatally HIV-infected and perinatally exposed but uninfected youth.** *Journal of Adolescent Health* **2014**; 54(3):341-9; PMID: PMC3944021. <http://www.ncbi.nlm.nih.gov/pubmed/24239286>
33. Kapetanovic S, Griner R, Zeldow B, Nichols S, Gelbard HA, Leister E, Miller T, Mendez AJ, Hazra R, Malee K, Kammerer B, and Williams PL for the Pediatric HIV/AIDS Cohort Study. **Biomarkers and neurodevelopment in perinatally HIV-infected or exposed youth: a structural equation model analysis.** *AIDS* **2014**. 28(3):355-64; PMID: PMC4191846. <http://www.ncbi.nlm.nih.gov/pubmed/24670521>
34. Garvie P, Zeldow B, Malee K, Nichols S, Smith R, Wilkins M, and Williams P for the Pediatric HIV/AIDS Cohort Study. **Discordance of cognitive and academic achievement outcomes in youth with perinatal HIV exposure.** *Pediatr Infect Dis J.* **2014**. 33(9):e232-8; PMID: PMC4217131.  
<http://www.ncbi.nlm.nih.gov/pubmed/25361033>
35. Siberry G, Patel K, Pinto J, Puga A, Mirza A, Miller T, and Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Elevated aspartate aminotransferase-to-platelet ratio index in perinatally HIV-infected children in the United States.** *Pediatr Infect Dis J.* **2014**; 33(2):177-82; PMID: PMC4166595.  
<http://www.ncbi.nlm.nih.gov/pubmed/25222306>



36. Nozyce ML, Huo Y, Williams PL, Kapetanovic S, Hazra R, Nichols S, Hunter S, Smith R, Seage GR III, and Sirois P for the Pediatric HIV/AIDS Cohort Study. **Safety of in utero neonatal ARV exposure: cognitive and academic outcomes in HIV-exposed, uninfected children age 5-13 years.** *Pediatr Infect Dis J.* **2014**; 33(11):1128-33. PMID: PMC4217087. <http://www.ncbi.nlm.nih.gov/pubmed/25361407>
37. Williams PL, Crain M, Yildirim C, Hazra R, Van Dyke RB, Rich K, Read JS, Stuard E, Rathore M, Mendez HA, and Watts DH for the Pediatric HIV/AIDS Cohort Study. **Congenital anomalies and in utero antiretroviral exposure in human immunodeficiency virus - exposed uninfected infants.** *JAMA Pediatrics* **2014**; 169(1):48-55. PMID: PMC4286442. <http://www.ncbi.nlm.nih.gov/pubmed/25383770>
38. Koller M, Patel K, Chi BH, Wools-Kaloustian K, Dicko F, Chokephaibulkit K, Chimbetete C, Avila D, Hazra R, Ayaya S, Leroy V, Trong HK, Egger M, and Davies MA for the Pediatric HIV/AIDS Cohort Study, IeDEA, NISDI, and IMPAACT 219C studies. **Immunodeficiency in children starting antiretroviral therapy in low-, middle- and high-income countries.** *JAIDS.* **2014**; 65(1):e8-16. PMID: PMC4351302. <http://www.ncbi.nlm.nih.gov/pubmed/25501345>
39. Persaud D, Patel K, Karalius B, Rainwater-Lovett K, Ziemniak C, Ellis A, Chen YH, Richman D, Siberry GK, Van Dyke RB, Burchett S, Seage GR III, and Luzuriaga K, for the Pediatric HIV/AIDS Cohort Study. **Influence of age at virologic control on peripheral blood human immunodeficiency virus reservoir size and serostatus in perinatally-infected adolescents.** *JAMA Pediatrics* **2014**; 168(12):1138-46. PMID: PMC4324476. <http://www.ncbi.nlm.nih.gov/pubmed/25286283>

## **2015**

40. Torre III P, Yao TJ, Zeldow B, Williams PL, Hoffman HJ, and Siberry G for the Pediatric HIV/AIDS Cohort Study. **Distortion product otoacoustic emission data in perinatally HIV-infected and HIV-exposed but uninfected children and adolescents.** *Pediatr Inf Dis J* **2015**; 34(3):229-332. PMID: PMC4365792 <http://www.ncbi.nlm.nih.gov/pubmed/25742077>
41. Lipshultz SE, Williams PL, Zeldow B, Wilkinson JD, Rich KC, Van Dyke RB, Seage GR III, Dooley LB, Kaltman JR, Siberry GK, Mofenson LM, Shearer WT, and Colan SD for the Pediatric HIV/AIDS Cohort Study. **Cardiac effects of in utero exposure to antiretroviral therapy in HIV-uninfected children born to HIV-infected mothers.** *AIDS* **2015**; 29(1):91-100. PMID: PMC4287991 <http://www.ncbi.nlm.nih.gov/pubmed/25562493>
42. Rough K, Tassiopoulos K, Kacanek D, Griner R, Yogev R, Rich KC, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Dramatic decline in substance use by HIV-infected pregnant women in the United States from 1990 to 2012.** *AIDS* **2015**; 29(1):117-23. PMID: PMC4285630 <http://www.ncbi.nlm.nih.gov/pubmed/25562496>
43. Crowell CS, Huo Y, Tassiopoulos K, Malee KM, Yogev R, Hazra R, Rutstein RM, Nichols SL, Smith RA, Williams PL, Oleske J, and Muller WJ for the PACTG 219C Study Team and the Pediatric HIV/AIDS Cohort Study. **Early viral suppression improves neurocognitive outcomes in HIV-infected children.** *AIDS* **2015**; 29(3):295-304. PMID: PMC4332557. <http://www.ncbi.nlm.nih.gov/pubmed/25686678>
44. Nichols SL, Brummel SS, Smith RA, Garvie PA, Hunter SJ, Malee KM, Kammerer BL, Wilkins ML, Rutstein R, Tassiopoulos K, Chernoff MC, and Mellins CA for the Pediatric HIV/AIDS Cohort Study. **Executive functioning in children and adolescents with perinatal HIV infection.** *Pediatr Inf Dis J* **2015**; 34(9):696-75. PMID: PMC4761421. <http://www.ncbi.nlm.nih.gov/pubmed/26376309>

45. Krogstad P, Patel K, Karalius B, Hazra R, Abzug MJ, Oleske J, Seage GR III, Williams P, Borkowsky W, Wiznia A, Pinto J, and Van Dyke R for the Pediatric HIV/AIDS Cohort Study, IMPAACT 219C, and NICHD International Site Development Initiative (NISDI). **Incomplete immune reconstitution despite virological suppression in HIV-1 infected children and adolescents.** *AIDS* **2015**; 29(6):683-93. PMID: PMC4391276. <http://www.ncbi.nlm.nih.gov/pubmed/25849832>
46. Uban KA, Herting MM, Williams PL, Ajmera T, Gautam P, Huo Y, Malee KM, Yogev R, Csernansky JG, Wang Lei, Nichols SL, and Sowell ER for the Pediatric HIV/AIDS Cohort Study. **White matter microstructure among youth with perinatally acquired HIV is associated with disease severity.** *AIDS* **2015**; 29(9):1035-44; PMID: PMC4487416. <http://www.ncbi.nlm.nih.gov/pubmed/26125138>
47. Himes SK, Wu JW, Jacobson DL, Tassiopoulos K, Hazra R, Kacanek D, Van Dyke RB, Rich KC, Siberry GK, and Huestis MA for the Pediatric HIV/AIDS Cohort Study. **Meconium tenofovir concentrations and growth and bone outcomes in prenatally tenofovir exposed HIV-uninfected children.** *Pediatr Infect Dis J.* **2015.** 34(8):851-07; PMID: PMC4573821 <http://www.ncbi.nlm.nih.gov/pubmed/25961889>
48. Himes SK, Tassiopoulos K, Yogev R, and Huestis MA for the Pediatric HIV/AIDS Cohort Study. **Antiretroviral drugs in meconium: detection for different gestational periods of exposure.** *J Pediatr* **2015.** 167(2):305-11. PMID: PMC4516688. <http://www.ncbi.nlm.nih.gov/pubmed/26001315>
49. Himes SK, Huo Y, Siberry GK, Williams PW, Rice ML, Sirois PA, Frederick T, Hazra R, and Huestis MA for the Pediatric HIV/AIDS Cohort Study. **Meconium atazanavir concentrations and early language outcomes in HIV-exposed, uninfected infants with prenatal atazanavir exposure.** *J Acquir Immune Defic Syndr* **2015.** 69(2):178-86; PMID: PMC4887272. <http://www.ncbi.nlm.nih.gov/pubmed/26009830>
50. Marsit CJ, Brummel SS, Kacanek D, Seage GR III, Spector SA, Armstrong DA, Lester BM, and Rich K for the Pediatric HIV/AIDS Cohort Study. **Infant peripheral blood repetitive element hypomethylation associated with antiretroviral therapy in utero.** *Epigenetics* **2015.** 10(8):708-16; PMID: PMC4622750. <http://www.ncbi.nlm.nih.gov/pubmed/26067216>
51. Siberry GK, Jacobson DL, Kalkwarf HJ, Wu JW, Dimeglio LA, Yogev R, Knapp KM, Wheeler JJ, Butler L, Hazra R, Miller TL, Seage GR III, Van Dyke RB, Barr E, Davtyan M, Mofenson LM, and Rich KC for the Pediatric HIV/AIDS Cohort Study. **Lower newborn bone mineral content associated with maternal use of Tenofovir Disoproxil Fumarate during pregnancy.** *Clin Infect Dis* **2015**; 61(6):996-1003; PMID: PMC4551007. <http://www.ncbi.nlm.nih.gov/pubmed/26060285>
52. Siberry GK, Patel K, Bellini W, Karalius B, Purswani M, Burchett SK, Meyer WA III, Sowers SB, Ellis A, and Van Dyke RB for the Pediatric HIV AIDS Cohort Study. **Immunity to measles, mumps and rubella in us children with perinatal HIV infection or perinatal HIV exposure without infection.** *Clin Infect Dis* **2015**; 61(6):988-95; PMID: PMC4551008. <http://www.ncbi.nlm.nih.gov/pubmed/26060291>
53. Herting MM, Uban KA, Williams P, Huo Y, Malee K, Yogev R, Csernansky J, Wang L, Nichols S, Van Dyke R, and Sowell ER for the Pediatric HIV/AIDS Cohort Study. **Default mode connectivity in youth with perinatally-acquired HIV.** *Medicine* **2015**; 94(37):e1417; PMID: PMC4635795. <http://www.ncbi.nlm.nih.gov/pubmed/26376381>
54. Kirmse B, Yao TJ, Hofherr S, Kacanek D, Williams PL, Hobbs CV, Hazra R, Borkowsky W, Van Dyke RB, and Summar M for the Pediatric HIV/AIDS Cohort Study. **Acylcarnitine profiles in HIV-exposed, uninfected neonates in the United States.** *AIDS Res Hum Retroviruses* **2015**; 32(4):339-48; PMID: PMC4817565 <http://www.ncbi.nlm.nih.gov/pubmed/26548585>

55. Fairlie L, Karalius B, Patel K, Van Dyke RB, Hazra R, Hernán MA, Siberry GK, Seage GR III, Agwu A, and Wiznia A, for the Pediatric HIV AIDS Cohort Study (PHACS) and the International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT). **CD4+ and viral load outcomes of antiretroviral therapy switch strategies after virologic failure of combination antiretroviral therapy in perinatally HIV-infected youth in the United States.** *AIDS* **2015**; 29(16):2109-19; PMID: PMC4612147 <http://www.ncbi.nlm.nih.gov/pubmed/26182197>

## **2016**

56. Purswani MU, Karalius B, Yao TJ, Schmid DS, Burchett SK, Siberry GK, Patel K, Van Dyke RB, & Yogev R, for the Pediatric HIV/AIDS Cohort Study. **Prevalence and persistence of varicella antibodies in previously immunized children and youth with perinatal HIV-1-infection.** *Clinical Infectious Disease* **2016**; 62(1):106-14; PMID: PMC4678104. <http://www.ncbi.nlm.nih.gov/pubmed/26385992>
57. Kapogiannis BG, Leister E, Siberry GK, Van Dyke RB, Rudy B, Flynn P, and Williams PL for the REACH Study and the PACTG 219219C Study. **Prevalence of and progression to abnormal non-invasive markers of liver disease (APRI and FIB-4) among US HIV-infected youth.** *AIDS* **2016**; 30(6):889-98; PMID: PMC4785818 <http://www.ncbi.nlm.nih.gov/pubmed/26959353>
58. Fisher SD, Starc TJ, Guerra V, Williams PL, Wilkinson JD, Lipshultz SE. **Declining incidence of systolic left ventricular dysfunction in HIV-infected individuals treated with highly active antiretroviral therapy.** *Am J Cardiol* **2016**; 117(7):1194-95; PMID: PMC4900683. <http://www.ncbi.nlm.nih.gov/pubmed/26993978>
59. Williams PL, Hazra R, Van Dyke RB, Yildirim C, Crain MJ, Seage GR III, Civitello L, Ellis A, Butler L, Rich K for the Pediatric HIV/AIDS Cohort Study. **Antiretroviral exposure during pregnancy and adverse outcomes in HIV-exposed uninfected infants and children using a trigger-based design: The SMARTT Study.** *AIDS* **2016**; 30(1):133-44; PMID: PMC4704129. <http://www.ncbi.nlm.nih.gov/pubmed/26731758>
60. Nichols SL, Chernoff MC, Malee K, Sirois P, Williams PL, Figueroa V, and Woods SP for the Memory and Executive Functioning Substudy of the Pediatric HIV/AIDS Cohort Study. **Learning and memory in children and adolescents with perinatal HIV infection and perinatal HIV exposure.** *Pediatr Infect Dis J* **2016**; 30(6):649-54; PMID: PMC4865410. <http://www.ncbi.nlm.nih.gov/pubmed/26967812>
61. Agwu AL, Yao TJ, Eshleman SH, Patel K, Huang W, Burchett S, Siberry GK, and Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Phenotypic co-receptor tropism in perinatally HIV-infected youth failing combination antiretroviral therapy.** *Pediatr Infect Dis J* **2016**; 35(7):777-81; PMID: PMC4988058. <http://www.ncbi.nlm.nih.gov/pubmed/27078121>
62. Guerra VC, Leister EC, Williams PL, Starc TJ, Lipshultz SE, Wilkinson J, Van Dyke R, Hazra R, Colan S. **Long-term effects of in utero antiretroviral exposure: systolic and diastolic function in HIV-exposed uninfected youth.** *AIDS Res Hum Retroviruses* **2016**. 32(7):621-7; PMID: PMC4931731 <http://www.ncbi.nlm.nih.gov/pubmed/26794032>
63. Caniglia EC, Patel K, Huo Y, Williams PL, Kapetanovic S, Rich K, Sirois PA, Jacobson DA, Hernandez-Diaz S, Hernan MA, Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Atazanavir exposure in utero and neurodevelopment in infants: A comparative safety study.** *AIDS* **2016**; 30(8):1267-78; PMID: PMC4851579. <http://www.ncbi.nlm.nih.gov/pubmed/26867136>

64. Kacanek D, Malee K, Mellins CA, Tassiopoulos K, Smith R, Grant M, Lee S, Siddiqui DQ, and Puga A for the Pediatric HIV/AIDS Cohort Study. **Exposure to violence and virologic and immunological outcomes among youth with perinatal HIV in the Pediatric HIV/AIDS Cohort Study.** *J Adolesc Health* **2016**; 59(1):30-7; PMID: PMC4920719. <http://www.ncbi.nlm.nih.gov/pubmed/27089837>
65. Purswani MU, Patel K, Winkler CA, Spector SA, Hazra R, Seage GR III, Mofenson L, Karalius B, Scott GB, Van Dyke RB, and Kopp JB, for the Pediatric HIV/AIDS Cohort Study. **APOL1 renal risk variants are associated with chronic kidney disease in children and youth with perinatal HIV infection.** *J Acquir Immune Defic Syndr*. **2016**; 73(1):63-8; PMID: PMC4981510. <http://www.ncbi.nlm.nih.gov/pubmed/27035887>
66. Van Dyke RB, Patel K, Kagan RM, Karalius B, Traite S, Meyer WA 3rd, Tassiopoulos KK, Seage GR III, Seybolt LM, Burchett S, and Hazra R for the Pediatric HIV/AIDS Cohort Study (PHACS). **Antiretroviral drug resistance among children and youth in the U.S. with perinatal HIV.** *Clin Infect Dis*. **2016**; 63(1):133-7; PMID: PMC4901868. <http://www.ncbi.nlm.nih.gov/pubmed/27056398>
67. Tassiopoulos K, Patel K, Alperen J, Kacanek D, Ellis A, Berman C, Allison SM, Hazra R, Barr E, Cantos K, Siminski S, Massagli M, Bauermeister J, Siddiqui DQ, Puga A, Van Dyke RB, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Following young people with perinatal HIV infection from adolescence into adulthood: the protocol for PHACS AMP Up, a prospective cohort study.** *BMJ Open* **2016**; 6(6):e011396; PMID: PMC4908871. <http://www.ncbi.nlm.nih.gov/pubmed/27288383>
68. Van Dyke RB, Chadwick G Ellen, Hazra R, Williams PL, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **The PHACS SMARTT study: assessment of the safety of in utero exposure to antiretroviral drugs.** *Frontiers in Immunology* **2016**; 7:199; PMID: PMC4876360. <http://www.ncbi.nlm.nih.gov/pubmed/27242802>
69. Moscicki A-B, Yao T-J, Ryder MI, Russell JS, Dominy SS, Patel K, McKenna M, Van Dyke RB, Seage GR III, Hazra R, and Shiboski C for the Pediatric HIV/AIDS Cohort Study. **The burden of oral disease among perinatally HIV-infected and HIV-exposed uninfected youth.** *PLoS One* **2016**; 11(6); PMID: PMC4907464. <http://www.ncbi.nlm.nih.gov/pubmed/27299992>
70. Spector SA, Brummel SS, Nievergelt CM, Maihofer AX, Singh KK, Purswani M, Williams PL, Hazra R, Van Dyke RB, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Genetically determined ancestry is more informative than self-reported race in HIV-infected and -exposed children.** *Medicine* **2016**; 95(36):e4733; PMID: PMC5023893. <http://www.ncbi.nlm.nih.gov/pubmed/27603370>
71. Malee K, Smith RA, and Mellins CM for the Pediatric HIV/AIDS Cohort Study. **Brain and cognitive development among youth with perinatally acquired human immunodeficiency virus infection in the United States.** *J Pediatric Infect Dis Soc* **2016**; 5(suppl 1):S1-S5; PMID: PMC5181541. <https://www.ncbi.nlm.nih.gov/pubmed/27856670>
72. Lewis-de los Angeles CP, Alpert KI, Williams PL, Malee K, Huo Y, Csernansky JG, Yogev R, Van Dyke RB, Sowell ER, and Wang L for the Pediatric HIV/AIDS Cohort Study (PHACS). **Deformed subcortical structures are related to HIV disease severity in youth with perinatally-acquired HIV infection.** *J Pediatric Infect Dis Soc* **2016**; 5(suppl 1):S6-S14; PMID: PMC5181545. <https://www.ncbi.nlm.nih.gov/pubmed/27856671>



73. Nichols S, Chernoff M, Malee KM, Sirois PA, Woods SP, Williams PL, Yildirim C, Delis D, and Kammerer B for the Memory and Executive Functioning Study of the Pediatric HIV/AIDS Cohort Study. **Executive functioning in children and adolescents with perinatal HIV infection and perinatal HIV exposure.** J Pediatric Infect Dis Soc **2016**; 5(suppl 1):S15-S23; PMID: PMC5181544. <https://www.ncbi.nlm.nih.gov/pubmed/27856672>
74. Sirois P, Chernoff M, Malee K, Garvie P, Harris L, Williams P, Woods S, Nozyce M, Kammerer B, Yildirim C, and Nichols S for the Memory and Executive Functioning Study of the Pediatric HIV/AIDS Cohort Study. **Associations of memory and executive functioning with academic and adaptive functioning among youth with perinatal HIV exposure and/or infection.** J Pediatric Infect Dis Soc **2016**; 5(suppl 1):S24-S32; PMID: PMC5181543. <https://www.ncbi.nlm.nih.gov/pubmed/27856673>
75. Redmond SM, Yao T-J, Russell JS, Rice ML, Hoffman HJ, Siberry GK, Frederick T, Purswani M, and Williams PL for the Pediatric HIV/AIDS Cohort Study. **Longitudinal evaluation of language impairment in youth with perinatally acquired HIV and youth who were perinatally exposed to HIV and uninfected.** J Pediatric Infect Dis Soc **2016**; 5(suppl 1):S33-S40; PMID: PMC5181542. <https://www.ncbi.nlm.nih.gov/pubmed/27856674>
76. Hermetet-Lindsay KD, Correia KF, Williams PL, Smith R, Malee KM, Mellins CA, Rutstein RM for the Pediatric HIV/AIDS Cohort Study. **Contributions of disease severity, psychosocial factors, and cognition to behavioral functioning in US youth perinatally exposed to HIV.** AIDS Behav **2016**; *e-pub ahead of print*. PMID: PMC5280576. <http://www.ncbi.nlm.nih.gov/pubmed/27475941>
77. Moscicki AB, Farhat S, Yao TJ, Ryder MI, Russell JS, Van Dyke RB, Hazra R, and Shiboski CH for the Pediatric HIV/AIDS Cohort Study. **Oral human papillomavirus in youth from the Pediatric HIV/AIDS Cohort Study.** Sex Transm Dis **2016**. 43(8):498-500. PMID: PMC4956007. <https://www.ncbi.nlm.nih.gov/pubmed/27414680>
78. Zash RM, Williams PL, Sibiude J, Lyall H, Kakkar F. **Surveillance monitoring for safety of in utero antiretroviral therapy exposures: current strategies and challenges.** Expert Opin Drug Safety **2016**; 15(11):1501-13; PMID: PMC5071158. <http://www.ncbi.nlm.nih.gov/pubmed/27552003>
79. Takemoto JK, Miller TL, Wang J, Jacobson DL, Geffner ME, Van Dyke RB, and Gerschenson M for the Pediatric HIV/AIDS Cohort Study. **Insulin Resistance in HIV-Infected Youth is associated with decreased mitochondrial respiration.** AIDS **2016**. 31(1):15-23. PMID: PMC 5131681 <https://www.ncbi.nlm.nih.gov/pubmed/27755108>
80. Garvie PA, Brummel SS, Allison SM, Malee KM, Mellins CA, Wilkins ML, Harris LL, Patton ED, Chernoff MC, Rutstein RM, Paul ME, and Nichols SL, for the Pediatric HIV/AIDS Cohort Study. **Roles of medication responsibility, executive and adaptive functioning in adherence for youth with perinatally acquired HIV.** Pediatr Infect Dis J **2016**; 36(8):751-757. PMID: PMC 5512435. <https://www.ncbi.nlm.nih.gov/pubmed/28709161>
81. Torre P, Zeldow B, Yao TJ, Hoffman HJ, Siberry GK, Purswani M, Frederick T, Spector SA, and Williams PL for the Pediatric HIV/AIDS Cohort Study. **Newborn hearing screenings in human immunodeficiency virus-exposed uninfected infants.** J AIDS Immune Res **2016**; 1(1):102. PMID: PMC 5407375. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5407375/>
82. Uprety P, Patel K, Karalius B, Ziemniak C, Chen HY, Brummel S, Siminski S, Van Dyke RB, Seage GR III and Persaud D for the Pediatric HIV/AIDS Cohort Study. **HIV-1 DNA decay dynamics with early, long-term virologic control of perinatal infection.** Clin Infect Dis **2016**; 64(11):1471-1478. PMID: PMC 5434384. <https://www.ncbi.nlm.nih.gov/pubmed/28329153>

## 2017

83. Jacobson DL, Patel K, Williams PL, Geffner ME, Siberry GK, DiMeglio LA, Crain MJ, Mirza A, Chen JS, McFarland EJ, Kacanek D, Silio M, Rich K, Borkowsky W, and Miller TL for the Pediatric HIV/AIDS Cohort Study. **Growth at age two in HIV-exposed uninfected children in the US by trimester of maternal antiretroviral initiation.** *Pediatr Inf Dis J* **2017**; 36(2):189-197; PMID: PMC 5526594. <http://www.ncbi.nlm.nih.gov/pubmed/27798548>
84. Lewis-de los Angeles CP, Williams PL, Huo Y, Wang SD, Uban KA, Herting MM, Malee K, Yogev R, Csernansky JG, Nichols S, Van Dyke RB, Sowell ER, and Wang L for the Pediatric HIV/AIDS Cohort Study and the Pediatric, Imaging, Neurocognition, and Genetics Study. **Lower total and regional grey matter brain volumes in youth with perinatally-acquired HIV infection: associations with HIV disease severity, substance use, and cognition.** *Brain Behav Immun* **2017**; 62:100-109. PMID: PMC 5373952. <https://www.ncbi.nlm.nih.gov/pubmed/28089557>
85. Neilan AM, Karalius B, Patel K, Van Dyke RB, Abzug MJ, Agwu AL, Williams PL, Purswani M, Kacanek D, Oleske JM, Burchett SK, Wiznia A, Chernoff M, Seage GR III, and Ciaranello AL, for the Pediatric HIV/AIDS Cohort Study and the International Maternal Pediatric Adolescent AIDS Clinical Trials Network. **Association of risk of viremia, immunosuppression, serious clinical events, and mortality with increasing age in perinatally human immunodeficiency virus-infected youth.** *JAMA Peds* **2017**; 171(5):450-460. PMID: PMC 5411314. <https://www.ncbi.nlm.nih.gov/pubmed/28346597>
86. Shearer WT, Jacobson DL, Yu W, Siberry GK, Purswani M, Siminski S, Butler L, Leister E, Scott G, Van Dyke RB, Yogev R, Paul ME, Puga A, Colin AA, and Kattan M for the Pediatric HIV/AIDS Cohort Study. **Long-term pulmonary complications in perinatally HIV-infected youth.** *J Allergy Clin Immunol* **2017**; pii: S0091-6749(17)30336-6. PMID: PMC 5587357. <https://www.ncbi.nlm.nih.gov/pubmed/28279683>
87. Bellavia A, Williams PL, DiMeglio LA, Hazra R, Abzug MJ, Patel K, Jacobson DL, Van Dyke RB, and Geffner ME for the International Maternal Pediatric, Adolescent AIDS Clinical Trials (IMPAACT) P219/219C Study, and Pediatric HIV/AIDS Cohort Study. **Delay in sexual maturation in perinatally HIV-infected youth is mediated by poor growth.** *AIDS* **2017**; 31(9):133301341. PMID: PMC 5472204. <https://www.ncbi.nlm.nih.gov/pubmed/28358737>
88. Tassioupoulos K, Huo Y, Braun J, Williams PL, Smith R, Aschengrau, Nichols S, Hazra R, Meyer WA, Knapp K, Deygo NS, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Blood lead levels and neurodevelopmental function in perinatally HIV-exposed, uninfected children in a US-based longitudinal cohort study.** *AIDS Res Hum Retroviruses* **2017**; *e-pub ahead of print*. PMID: PMC 5576211. <https://www.ncbi.nlm.nih.gov/pubmed/28322573>
89. Jacobson DL, Stephensen CB, Miller TL, Patel K, Chen JS, Van Dyke RB, Mirza A, Schuster GU, Hazra R, Ellis A, Brummel SS, Geffner ME, Silio M, Spector SA, DiMeglio LA, for the Pediatric HIV/AIDS Cohort Study. **Associations of low vitamin D and elevated parathyroid hormone concentrations with bone mineral density in perinatally HIV-infected children.** *J Acquir Immune Defic Syndr* **2017**; 76(1):33-42. PMID: PMC in process. <https://www.ncbi.nlm.nih.gov/pubmed/28797019>
90. Ryder MI, Yao TJ, Russell JS, Moscicki AB, and Shiboski CH for the Pediatric HIV/AIDS Cohort Study. **Prevalence of periodontal diseases in a multicenter cohort of perinatally HIV-infected and HIV-exposed and uninfected youth.** *J Clin Periodontol.* **2017**;44(1):2-12. PMID: PMC5195884. <https://www.ncbi.nlm.nih.gov/pubmed/27801947>

91. Malee KM, Chernoff MC, Sirois PA, Williams PL, Garvie PA, Kammerer BL, Harris LL, Nozyce ML, Yildirim C, and Nichols SL for the Memory and Executive Functioning Study of the Pediatric HIV/AIDS Cohort Study. **Impact of the perinatally acquired HIV disease upon longitudinal changes in memory and executive functioning.** *J Acquired Immune Defic Syndr* **2017**;75(4):455-464. PMCID: PMC 5514414. <https://www.ncbi.nlm.nih.gov/pubmed/28481783>
92. Jao J, Kacanek D, Williams PL, Geffner ME, Livingston EG, Sperling RS, Patel K, Bardequez AD, Burchett SK, Chakhtoura N, Scott GB, Van Dyke RB, Abrams EJ for the Pediatric HIV/AIDS Cohort Study and International Maternal Pediatric Adolescent AIDS Clinical Trials Network. **Birth Weight and Preterm Delivery Outcomes of Perinatally vs. non-Perinatally HIV-infected Pregnant Women in the U.S.: Results from the PHACS SMARTT Study and IMPAACT P1025 Protocol.** *Clin Infect Dis* **2017**; 65(6):982-989. PMCID: PMC in progress. <https://www.ncbi.nlm.nih.gov/pubmed/28575201>
93. Harris LL, Chernoff MC, Nichols SL, Williams PL, Garvie PA, Yildirim C, McCauley SR, Woods SP for the Memory and Executive Functioning Study of the Pediatric HIV/AIDS Study. **Prospective memory in youth with perinatally-acquired HIV infection.** *Child Neuropsychol.* **2017**; *e-pub ahead of print.* PMCID: PMC in process. <https://www.ncbi.nlm.nih.gov/pubmed/28782457>
94. Fulcher IR, Tchetgen Tchetgen EJ, Williams PL. **Mediation analysis for censored survival data under an accelerated failure time model.** *Epidemiology* **2017**; 28(5):660-666. PMCID: PMC in process. <https://www.ncbi.nlm.nih.gov/pubmed/28574921>
95. Correia K and Williams PL. A hierarchical modeling approach for assessing the safety of exposure to complex antiretroviral drug regimens during pregnancy. *Stat Methods Med Res* **2017**; *e-pub ahead of print.* PMCID: PMC in process. <https://www.ncbi.nlm.nih.gov/pubmed/28969502>
96. Jao J, Yu W, Patel K, Miller TL, Karalius B, Geffner M, DiMeglio LA, Mirza A, Chen JS, Silio M, McFarland EJ, Van Dyke RB, Jacobson D for the Pediatric HIV/AIDS Cohort Study (PHACS) Adolescent Master Protocol (AMP) Study. **Improvement in lipids after switch to boosted atazanavir or darunavir in children/adolescents with perinatally acquired HIV on older protease inhibitors: results from the pediatric HIV/AIDS cohort study.** *HIV Medicine* **2017**; *in press.*

## Abstracts:

### 2008

1. Malee K, Tassiopoulos K, Smith R, Hazra R, Allison S, Brouwers P, Chernoff M, Kammerer B, Kapetanovic S, Nichols S, Siberry G, Williams P, and Mellins C for the Pediatric HIV/AIDS Cohort Study. **Behavioral and emotional risks among children and adolescents with perinatal HIV exposure and HIV infection.** NIMH Annual International Research Conference on the Role of Families in Preventing and Adapting to HIV/AIDS, Providence RI, October 6-8, 2008 (Abstract 34).

### 2009

2. Jacobson D, DiMeglio L, Hazra R, Geffner M, Van Dyke R, Borkowsky W, Patel K, McFarland E, Chen J and Miller T for the Pediatric HIV/AIDS Cohort Study. **Clinical determinants of bone mineral density (BMD) in perinatally HIV-infected children.** 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009), Montreal, Canada, February 8-11, 2009 (Abstract 911).
3. Miller T, Jacobson D, Mendez A, Hazra R, Geffner M, Siberry G, Borkowsky W, Patel K, McFarland E, and Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Biomarkers of vascular dysfunction in HIV-infected children with and without hyperlipidemia.** 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009), Montreal, Canada, February 8-11, 2009 (Abstract 917).

4. Rice ML, Williams P, Malee K, Gravel J, Siberry G, Buchanan A, Purswani M, and Smith R for the Pediatric HIV/AIDS Cohort Study. **Language impairment in 7 to 16 year-old perinatally HIV-infected children.** 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009), Montréal, Canada, February 8-11, 2009 (Abstract 919).
5. Siberry G, Patel K, Burchett S, Bacon M, Hazra R, Read J, Seage GR III, Mofenson L, Chernoff M, and Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Discontinuation of antiretroviral therapy (ART) among children with perinatally – acquired HIV infection.** 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009), Montreal, Canada, February 8-11, 2009 (Abstract 900).
6. Van Dyke R, Patel K, Read J, Chernoff M, Mofenson L, Siberry G, Burchett S, Mendez H, Rodriguez Z, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Antiretroviral therapy among children with perinatally-acquired HIV Infection: Temporal changes in antiretroviral therapy and virologic and immunologic outcomes in the Pediatric HIV/AIDS Cohort Study Adolescent Master Protocol.** 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009), Montreal, Canada, February 8-11, 2009 (Abstract #901).
7. Geffner, M, Jacobson DL, Miller TC, MD, DiMeglio L, Hazra R, Siberry G, Borkowsky W, Patel K, McFarland E, Chen J, Worrell C, and Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Insulin resistance in adolescents with perinatally – acquired HIV infection.** 2009 Pediatric Academic Societies' Annual Meeting, Baltimore, Maryland, May 2 – 5 (Abstract 751886).
8. Crain MJ, Brogly SB, Williams PL, Read JS, Mofenson LM, and Rich K for the Pediatric HIV/AIDS Cohort Study. **Point of care lactate levels in a U.S. prospective cohort study of HIV-exposed children with in utero and neonatal exposure to antiretroviral therapies.** 2009 Pediatric Academic Societies' Annual Meeting in Baltimore, Maryland, May 2 – 5, 2009 (Abstract 4351373).
9. Tassiopoulos K, Seage GR III, Mellins C, Hazra R, Malee K, Moscicki B. **Sexually active perinatally HIV-Infected children and adolescents in the PHACS AMP Cohort.** 2009 Pediatric Academic Societies' Annual Meeting in Baltimore, Maryland, May 2 – 5, 2009 (Abstract 752737).
10. Tassiopoulos K, Brogly S, Brouwers P, Lester B, Read J, Rich K, Spector S, Yogev R, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Disclosure of maternal substance use during pregnancy by HIV-infected women.** 2009 Pediatric Academic Societies Annual Meeting in Baltimore, Maryland, May 2 – 5, 2009 (Abstract 753478).
11. Williams PL, Van Dyke R, Seage GR III, Griner R, Jacobson DL, Brogly S, Tassiopoulos K, Huo Y, Hazra R, Siberry G, Read JS, Mofenson L, and Rich K for the Pediatric HIV/AIDS Cohort Study. **A trigger-based design for evaluating the safety of in utero antiretroviral exposure in uninfected children born to HIV – infected mothers.** 13th International Workshop on HIV Observational Databases, Lisbon, Portugal, March 26-28, 2009 (Abstract 66).
12. Lipshultz S, Williams P, Shearer W, Rich K, Leister E, Hazra R, Kaltman J, Jacobson D, Dooley L, Wilkinson J, Scott G, and Colan S for the Pediatric HIV/AIDS Cohort Study. **Increased left ventricular and aortic dimensions in long-term multiagent antiretroviral therapy-treated HIV-infected children.** American Heart Association in Orlando, Florida, November 14 – 18, 2009 (Abstract 4037).

## 2010

13. Kapetanovic S, Leister E, Nichols S, Miller T, Tassiopoulos K, Hazra R, Mendez A, Brouwers P, Malee K, and Williams P for the Pediatric HIV/AIDS Cohort Study. **Association of vascular biomarkers with neurodevelopmental outcomes in children with perinatally acquired HIV infection.** 17th Conference on



Retroviruses and Opportunistic Infections (CROI 2010), San Francisco, CA. February 16 – 19, 2010 (Abstract 862).

14. Griner RG, Williams PL, Read JS, Seage GR III, Crain M, Yogeve R, Hazra R, and Rich KC for the Pediatric HIV/AIDS Cohort Study. **Prenatal exposure to antiretrovirals among HIV-exposed but uninfected children: Surveillance Monitoring for ART Toxicities (SMARTT) Study.** 17th Conference on Retroviruses and Opportunistic Infections (CROI 2010), San Francisco, CA. February 16 – 19, 2010 (Abstract 921).
15. Smith R, Chernoff M, Rutstein R, Malee K, Garvie P, Kammerer B, Nichols S, Sirois PA, Usitalo A, and Wilkins M for the Pediatric HIV/AIDS Cohort Study. **The long-term impact of HIV disease severity on cognitive and adaptive functioning during childhood and adolescence.** 17th Conference on Retroviruses and Opportunistic Infections (CROI 2010), San Francisco, CA, February 16 – 19, 2010 (Abstract 861).
16. Jacobson D, Patel K, Van Dyke R, Hazra R, Geffner M, DiMeglio L, Siminski S, and Miller T for the Pediatric HIV/AIDS Cohort Study. **Differences in body fat distribution in HIV-infected versus HIV-uninfected children.** 17th Conference on Retroviruses and Opportunistic Infections (CROI 2010), San Francisco, CA, February 16 – 19, 2010 (Abstract 868).
17. Williams P, Leister E, Rich K, Siberry G, Colan S, Seage GR III, Jacobson D, Dooley L, Shearer W, Van Dyke R, Wilkinson J, and Lipshultz S for the Pediatric HIV/AIDS Cohort Study. **Association of cardiac structure and function with *in utero* antiretroviral exposure among uninfected children born to HIV-infected mothers in the Surveillance Monitoring of ART Toxicities (SMARTT) Study.** 14<sup>th</sup> International Workshop on Observational Databases in Sitges, Spain, March 25 – 27, 2010. (Abstract 6).
18. Usitalo A, Allison S, Leister E, Malee K, Mellins C, Paul M, Seage GR III, Smith R, Tassiopoulos K, and Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Relationship between viral load and behavioral measures of medication adherence among children and adolescents with HIV infection.** 2010 Pediatric Academic Societies' Annual Meeting, Vancouver, B.C., May 1 – 4, 2010 (Abstract E-PAS2010: 1145.3).
19. Mellins C, Tassiopoulos K, Malee K, Moscicki AB, Patton D, Smith R, Usitalo A, Allison S, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Risk behavior in perinatally HIV-infected youth: Co-morbidity of mental health problems, sexual and drug use behavior, and non-adherence to antiretroviral therapy.** XVIII International AIDS Conference, Vienna, Italy, July 18 – 23, 2010 (Abstract WEAD0303).
20. Buchanan AL, Rice ML, Siberry GK, Malee KM, Frederick T, Purswani MU, Hoffman HJ, Sirois PA, Smith R, and Williams PL for the Pediatric HIV/AIDS Cohort Study. **Language impairment in perinatally HIV-infected children and adolescents as compared to uninfected HIV-exposed children in the Pediatric HIV/AIDS Cohort Study (PHACS).** XVIII International AIDS Conference, Vienna, Italy. July 18 – 23, 2010 (Abstract WEPE0074).
21. Siberry G, Williams P, Mendez H, Seage GR III, Jacobson D, Hazra R, Rich K, Griner R, Tassiopoulos K, Kacanek D, Mofenson L, and Watts DH for the Pediatric HIV/AIDS Cohort Study. **Safety of tenofovir use during pregnancy: Associations with low birth weight and early growth in HIV-exposed uninfected infants.** XVIII International AIDS Conference, Vienna, Italy. July 18 – 23, 2010 (Abstract WEAX0103).
22. Lipshultz SE, Leister E, Shearer WT, Rich K, Van Dyke, R, Colan SD, Siberry G, Jacobson D, Kaltman J, Dooley L, Seage GR III, Spector S, Wilkinson JD, and Williams P for the Pediatric HIV/AIDS Cohort Study. **Association of cardiac structure and function with *in utero* antiretroviral exposure among uninfected children born to HIV-infected mothers in the Pediatric HIV/AIDS Cohort Study.** American Heart Association Scientific Sessions 2010, Chicago, Illinois, November 13-17, 2010 (Abstract 16026).

## 2011

23. Purswani M, Patel K, Kopp J, Scott G, Hazra R, Siberry G, Van Dyke R, Chernoff M, Mofenson L, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Decreased prevalence of proteinuria among treatment-experienced children and adolescents with perinatal HIV-1 infection.** 18th Conference on Retroviruses and Opportunistic Infections (CROI 2011) Boston, MA, February 27-March 2, 2011 (Abstract 698).
24. Williams P, Buchanan, Frederick T, Smith R, Malee K, Purswani M, Sirois P, Siberry G, Hoffman H, and Rice M for the Pediatric HIV/AIDS Cohort Study. **Association of in utero ARV exposure with late language emergence in HIV-uninfected children born to mothers with HIV.** 18th Conference on Retroviruses and Opportunistic Infections (CROI 2011) Boston, MA, February 27-March 2, 2011 (Abstract 751).
25. Williams P, Rich K, Kacanek D, Mendez H, Hazra R, Griner R, Mofenson L, and Watts H for the Pediatric HIV/AIDS Cohort Study. **PI and NNRTI use during pregnancy of HIV-infected women and risk of preterm birth.** Oral presentation at the 15<sup>th</sup> International Workshop on Observational Databases, Prague, Czech Republic, March 24, 2011 (Abstract 19).
26. Williams P, Wilkinson J, Zeldow B, Shearer W, Colan S, Leister E, Siberry G, Dooley L, Scott G, Rich K, and Lipshultz S for the Pediatric HIV/AIDS Cohort Study. **Association of cardiac biomarkers with maternal antiretroviral use in HIV-exposed but uninfected children.** Poster presentation at the Pediatric Academic Society Meeting, Denver, CO, May 2, 2011 (Abstract 206).
27. Sirois PA, Nozyce ML, Huo Y, Malee K, Smith R, Garvie PA, Harris L, Hunter S, Kammerer B, Nichols SL, Rich K, Rozelman H, Silverman N, Van Dyke R, and Williams PL for the Pediatric HIV/AIDS Cohort Study. **Safety of in utero exposure to antiretroviral medications: Developmental outcomes in infants.** Association for Psychological Science Washington, DC May 26-29, 2011 (Abstract V-143).
28. Tassiopoulos K, Moscicki B, Mellins C, Kacanek D, Malee K, Allison S, Hazra R, Siberry G, Smith R, Van Dyke R, Paul M, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Sexual risk behavior among perinatally HIV-infected youth in the US: Predictors and implications for intervention development.** 3<sup>rd</sup> International Workshop on HIV Pediatrics, Rome, Italy, July 14-16, 2011 (Abstract O\_1).
29. Tassiopoulos K, Moscicki B, Mellins C, Kacanek D, Malee K, Allison S, Hazra R, Siberry G, Smith R, Van Dyke R, Paul M, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Sexual risk behavior among perinatally HIV-infected youth in the US: Predictors and implications for intervention development.** 6<sup>th</sup> IAS Conference on HIV Pathogenesis, Treatment and Prevention, Rome, Italy July 17-20, 2011 (Abstract MOLBPE036).

## 2012

30. Patel K, Wang J, Denise L, Jacobson DL, Lipshultz SE, Landy DC, Geffner ME, DiMeglio LA, Shearer WT, Seage GR III, Siberry GK, Scott GB, Rich K, Williams PL, Van Dyke RB, Young L, Fisher SD, and Miller TL for the Pediatric HIV/AIDS Cohort Study. **Aggregate risk of cardiovascular disease among adolescents perinatally infected with HIV-1.** 16<sup>TH</sup> International Workshop on HIV Observational Databases, Athens, Greece, March 29-31, 2012. (Abstract 48)
31. Van Dyke RB, Karalius B, Patel K, Rich K, Seage GR III, and Williams PL for the Pediatric HIV/AIDS Cohort Study. **Factors associated with retention of subjects in the Pediatric HIV/AIDS Cohort Studies.** 16<sup>TH</sup> International Workshop on HIV Observational Databases, Athens, Greece, March 29-31, 2012. (Abstract 46)
32. Miller T, Wang J, Jacobson D, Takemoto J, Sharma T, Geffner M, Libutti D, Siminski S, Dooley L, Somarriba G, Graham P, and Gerschenson M for the Pediatric HIV/AIDS Cohort Study. **Mitochondrial function and insulin resistance in children with perinatally – acquired HIV infection enrolled in the Pediatric**

**HIV/AIDS Cohort Study (PHACS).** XIX IAS International AIDS Conference Washington, DC July 22-27th, 2012. (Abstract #: A-452-0117-12215)

33. Himes S, Scheidweiler K, Tassiopoulos K, Kacanek D, Hazra R, Rich K, and Huestis M for the Pediatric HIV/AIDS Cohort Study. **Development of the first liquid chromatography-tandem mass spectrometry assay for antiretrovirals in meconium.** XIX IAS International AIDS Conference Washington, DC July 22-27th, 2012 (Abstract TUPDB0103).
34. Miller TL, Jacobson DL, Neri D, Kurtz J, Somarriba G, Hendricks K, Dooley L, Siminski S, Gillman M, Rich K, and Ludwig DA for the Pediatric HIV/AIDS Cohort Study. **Factors associated with dietary quality among HIV-infected women in the 3rd trimester of pregnancy.** 4th International Workshop on HIV in Pediatrics. Washington, DC, July 20-21, 2012 (Poster P77).
35. Miller TL, Jacobson DL, Neri D, Kurtz J, Somarriba G, Hendricks K, Dooley L, Siminski S, Gillman M, Rich K, and Ludwig DA for the Pediatric HIV/AIDS Cohort Study. **Factors associated with dietary quality among HIV-infected women in the 3rd trimester of pregnancy.** 19th International AIDS Conference Washington DC, 2012 (Oral presentation, Abstract MOAB0203).
36. Siberry G, Liu L, Bellini W, Burchett S, Purswani M, Meyer III W, Patel K, and Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Immunity to measles, mumps and rubella among school-aged perinatally HIV-infected U.S. children and youth.** 4<sup>th</sup> International Workshop On HIV Pediatrics Washington, DC July 20-21th, 2012 (Abstract O\_19).
37. Alperen J, Brummel S, Tassiopoulos K, Mellins C, Kacanek D, Smith R, Paul M, Usitalo A, Seage GR III, and Moscicki B, for the Pediatric HIV/AIDS Cohort Study. **Predictors of substance use initiation among perinatally HIV-infected and exposed but uninfected children in PHACS AMP.** 4<sup>th</sup> International Workshop On HIV Pediatrics Washington, DC July 20-21th, 2012 (Abstract 09).

## 2013

38. Malee K, Mellins C, Huo Y, Tassiopoulos K, Smith R, Allison S, Kapetanovic S, Kacanek D, Sirois P, Williams P, Grant M, Marullo D, and Aidala A for the Pediatric HIV/AIDS Cohort Study. **Prevalence and persistence of psychiatric and substance abuse disorders among mothers living with HIV.** 3<sup>rd</sup> International Workshop on HIV & Women, January 14, 2013, Toronto. (Abstract O-06)
39. Williams P, Abzug M, Jacobson D, Wang J, Van Dyke R, Hazra R, Patel K, DiMeglio L, Oleske J, and Geffner M for the Pediatric HIV/AIDS Cohort Study. **Pubertal onset in HIV-infected children in the era of combination antiretroviral treatment.** 20<sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2013), Atlanta, Georgia, March 3-6, 2013 (Abstract V-110)
40. Avila D, Patel K, Chi B, Wools-Kaloustian K, Leroy V, Sohn A, Chimbetete C, Hazra R, Egger M, and Davies M for the Pediatric HIV AIDS Cohort Study. **Severe immunodeficiency in children starting ART in low-, middle- and high-income countries.** 20<sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2013), Atlanta, Georgia, March 3-6, 2013 (Abstract V-150)
41. Fairlie L, Karalius B, Patel K, Van Dyke R, Siberry G, Seage GR III, Agwu A, Mendez H, Hazra R, and Wiznia A for the Pediatric HIV AIDS Cohort Study and The International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT). **Characteristics and management of highly active antiretroviral treatment failure among perinatally HIV-Infected children and adolescents in the US.** 20<sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2013), Atlanta, Georgia, March 3-6, 2013 (Abstract V-162)

42. Nozyce M, Huo Y, Williams P, Kapetanovic S, Hazra R, Nichols S, Hunter S, Rich K, Seage GR III, and Sirois P for the Pediatric HIV AIDS Cohort Study. **Safety of in utero and neonatal ARV exposure: effects on cognitive and academic outcomes in HIV-exposed, uninfected children age 5-13 years.** 20<sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2013), Atlanta, Georgia, March 3-6, 2013 (Abstract V-168)
43. Purswani M, Patel K, Kopp J, Winkler C, Specter S, Hazra R, Seage GR III, Siberry G, Mofenson L, Scott G and Van Dyke R, for the Pediatric HIV/AIDS Cohort Study. **Frequency of APOL1 risk alleles among a US cohort of children with perinatal HIV-1 infection and associations with renal phenotypes.** Eastern Society for Pediatric Research, Philadelphia, Pennsylvania, March 22-23, 2013 (Abstract 752447)
44. Jacobson D, Patel K, Williams P, Geffner M, DiMeglio L, Crain M, Rich K, Van Dyke R, Siberry G, Kacanek D, McFarland E, Mirza A, Borkowsky W, Chen J, Silio M, and Miller T for the Pediatric HIV/AIDS Cohort Study. **Patterns of childhood growth in HIV-exposed uninfected (HEU) children in the Pediatric HIV/AIDS Cohort Study (PHACS).** 17th International Workshop on HIV Observational Databases. Cavtat, Croatia. April 11-13, 2013. (Abstract 112).
45. Patel K, Karalius B, Seage GR III, Van Dyke RB, Siberry GK, Hazra R, Fairlie L, Agwu A, Wiznia A, and Hernán MA, for the Pediatric HIV/AIDS Cohort Study. **Clonal expansion, artificial censoring, and inverse probability weighting to compare the effects of multiple treatment management strategies after HAART failure among perinatally HIV-infected children and adolescents.** 17th International Workshop on HIV Observational Databases, Cavtat, Croatia, April 11-13th, 2013 (Abstract 17\_45)
46. Garvie PA, Zeldow B, Malee K, Nichols SL, Wilkins ML, Smith RE, Sirois PA, Rutstein R, and Williams PL, for the Pediatric HIV/AIDS Cohort Study. **Concordance of cognitive and academic achievement outcomes in youth with perinatal HIV exposure.** 2013 National Conference on Pediatric Psychology (NCP), New Orleans, Louisiana, April 11-13, 2013 (Abstract 277).
47. Jacobson DL, Hendricks K, Neri D, Somarriba G, Siminski S, Butler L, Ludwig DA, Rich K, Gillman M, Allison KJ, Cooper N, Graham P, and Miller TL for the Pediatric HIV/AIDS Cohort Study. **Associations of diet and supplement use with birth size in HIV-infected pregnant women.** Experimental Biology 2013. Boston, MA. April 20-24, 2013. (Abstract D15).
48. Purswani M, Patel K, Kopp J, Winkler C, Specter S, Hazra R, Seage GR III, Siberry G, Mofenson L, Scott G and Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Frequency of APOL1 Risk Alleles among a US cohort of children with perinatal HIV-1 infection and associations with renal phenotypes.** Pediatric Academic Societies, Washington D.C., May 4-7, 2013 (Abstract 752447)
49. Williams PL, Abzug MJ, Wang J, Jacobson DJ, Van Dyke RB, Hazra R, and Geffner ME for the IMPAACT 219C Study Team and the Pediatric HIV/AIDS Cohort Study. **Sexual maturation in perinatally HIV-infected and HIV-exposed youth in the era of combination antiretroviral treatment. Society for Pediatric and Perinatal Epidemiologic Research 2013.** Society for Epidemiologic Research 2013. Boston, MA. June 17-18, 2013 (Abstract B-12)
50. Williams PL, Abzug MJ, Wang J, Jacobson DJ, Van Dyke RB, Hazra R, and Geffner ME for the IMPAACT 219C Study Team and the Pediatric HIV/AIDS Cohort Study. **Sexual maturation in perinatally HIV-infected and HIV-exposed youth in the era of combination antiretroviral treatment.** Society for Epidemiologic Research 2013. Boston, MA. June 18, 2013 (Abstract 261)
51. Sharma T, Wang J, Takemoto JK, Jacobson DL, Gerschenson M, Geffner ME, Butler L, Graham P, Van Dyke



RB, and Miller TL for the Pediatric HIV/AIDS Cohort Study. **Metabolic Abnormalities and Mitochondrial Function in Children with Perinatally-Acquired HIV Infection in the Pediatric HIV/AIDS Cohort Study (PHACS)**. IDWeek 2013, San Francisco, CA. October 2-6, 2013 (Abstract 39853)

52. Uban KA, Herting MM, Colby JB, Yogev R, Williams PL, Malee KM, Csernansky JG, Lei W, Huo Y, and Sowell ER for the Pediatric HIV/AIDS Cohort Study. **Associations of structural brain connectivity with historical and current HIV disease severity in youth with perinatally acquired HIV**. Society for Neuroscience, San Diego, California November 9-13, 2013 (Poster, 727.17).
53. Herting MM, Uban KA, Fair DA, Yogev R, Williams P, Malee K, Csernansky J, Wang L, Huo Y, and Sowell ER for the Pediatric HIV/AIDS Cohort Study. **The association of current and historical HIV disease severity with functional brain connectivity in adolescents with perinatally acquired HIV infection**. Society for Neuroscience, San Diego, California November 9-13, 2013 (Poster, 727.18).
54. Torre III P, Zeldow B, Yao T, Williams P, Hoffman H, and Siberry G, for the Pediatric HIV/AIDS Cohort Study. **Otoacoustic emissions and pure-tone thresholds in perinatally HIV-infected and HIV-exposed adolescents in the Pediatric HIV/AIDS Cohort Study (PHACS)**. Poster presented at the 8th World Congress of the World Society for Pediatric Infectious Diseases, Cape Town, South Africa. November 19-22, 2013. (Poster 422)

## 2014

55. Siberry GK, Jacobson DL, Kalkwarf H, Wu JW, DiMeglio LA, Yogev R, Knapp KM, Wheeler J, Hazra R, and Rich KC for the Pediatric HIV/AIDS Cohort Study. **Lower newborn bone mineral content associated with maternal use of tenofovir disoproxil fumarate**. 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2014), March 3-6, 2014, Boston, MA (Oral presentation, Abstract 71).
56. Crowell C, Huo Y, Tassiopoulos K, Malee K, Yogev R, Hazra R, Rutstein R, Nichols S, Smith R, and Muller W for the IMPAACT 219C Study Team and the Pediatric HIV/AIDS Cohort Study. **Early viral suppression improves neurocognitive outcomes in HIV-infected children**. 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, March 3-6, 2014 (Poster, Abstract 851)
57. Takemoto JK, Wang J, Jacobson DL, Miller TL, Geffner ME, Van Dyke RB, Libutti, DE, Graham P, and Gerschenson M for the Pediatric HIV/AIDS Cohort Study. **Insulin resistance in HIV-infected youth is associated with decreased mitochondrial respiration**. 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, Massachusetts. March 3-6, 2014 (Poster, Abstract 376)
58. Rough K, Tassiopoulos K, Kacanek D, Griner R, Yogev R, Rich KC, and Seage GR III, for the Pediatric HIV/AIDS Cohort Study. **Steady decline: temporal changes in substance use by HIV-positive pregnant women in the US**. 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, March 3-6, 2014. (Poster, Abstract 838)
59. Kirmse B, Yao TJ, Hofherr S, Williams P, Kacanek D, Hobbs C, Hazra R, Borkowsky W, Van Dyke R, and Summar M for the Pediatric HIV/AIDS Cohort Study. **Abnormal fatty acid oxidation in HIV-exposed uninfected neonates in the United States**. 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections, Boston (CROI 2014), MA, March 3-6, 2014 (Poster, Abstract 845)
60. Van Dyke R, Patel K, Kagan RM, Traite S, Meyer WA, Tassiopoulos K, Seage GR III, Seybolt LM, Burchett S, and Hazra R, for the Pediatric HIV/AIDS Cohort Study. **Prevalence and predictors of HIV resistance among US children and youth with perinatal HIV**. 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, March 3-6, 2014. (Poster, Abstract 897)
61. Krogstad P, Patel K, Karalius B, Hazra R, Abzug M, Oleske J, Seage GR III, Williams P, Wiznia A, and Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Incomplete immune reconstitution in HIV infected**

- children with virological suppression.** 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, March 3-6, 2014. (Poster, Abstract 583)
62. Williams P, Yildirim C, Crain M, Hazra R, Van Dyke R, Rich K, Read J, Stuard E, Rathore M, and Watts D for the Pediatric HIV/AIDS Cohort Study. **Congenital anomalies and in utero antiretroviral exposure in HIV-exposed uninfected children.** 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2014), March 3-6, 2014, Boston, MA (Poster, Abstract 863LB).
  63. Persaud D, Patel K, Karalius B, Ziemniak C, Chen YH, Rainwater-Lovett K, Richman D, Siberry G, Van Dyke R, and Luzuriaga K for the Pediatric HIV/AIDS Cohort Study. **Virologic control by age 1-year significantly reduces proviral reservoirs in HIV-infected youth.** 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2014), March 3-6, 2014, Boston, MA (Oral presentation, Abstract 72).
  64. Berman C, Kacanek D, Allison S, Barr E, Bauermeister J, Lee S, Lewis D, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Storytelling for retention: developing a story map to engage and retain young adults in the Pediatric HIV/AIDS Cohort Study.** Youth Tech Health Conference (YTH), April 6-8, 2014, San Francisco, CA (Oral presentation).
  65. Hazra R, Jacobson D, Wang J, Siberry G, Miller T, Geffner M, Patel K, Borkowsky W, Chen J, Van Dyke R, Brummel S, and DiMeglio L for the Pediatric HIV/AIDS Cohort Study. **Fractures in perinatally HIV-infected versus HIV-exposed uninfected children and youth.** 18th International Workshop on HIV Observational Databases, Sitges, Spain March 27-29<sup>th</sup>, 2014 (Poster)
  66. Nichols S, Chernoff M, Hazra R, Malee K, Kammerer B, Garvie P, Harris L, Sirois P, Nozyce M, Wilkins M, and Williams P for the Pediatric HIV/AIDS Cohort Study. **Learning and memory in children and adolescents with perinatal HIV exposure and/or infection.** 18th International Workshop on HIV Observational Databases, Sitges, Spain March 27-29<sup>th</sup>, 2014 (Poster)
  67. Sirois PA, Chernoff MC, Kammerer BL, Malee KM, Garvie PA, Harris LL, Nozyce ML, Wilkins ML, Woods SP, Williams PL, and Nichols SL, for the Pediatric HIV/AIDS Cohort Study. **Learning and memory in children and adolescents with perinatal HIV exposure and/or infection.** American Psychological Society, San Francisco, CA, May 2014. (Poster, Board XIV-108)
  68. Nichols SL, Brummel SS, Smith RA, Garvie PA, Hunter SJ, Malee KM, Kammerer BL, Wilkins ML, Mellins CA, Rutstein R, Tassiopoulos K, Chernoff MC, for the Pediatric HIV/AIDS Cohort Study. **Executive functioning in children and adolescents with perinatal HIV exposure and/or infection.** American Psychological Society, San Francisco, CA, May 2014. (Poster, Board IX-144)
  69. Garvie PA, Allison S, Brummel SS, Malee K, Wilkins ML, Harris LL, Chernoff M, and Nichols SL for the Pediatric HIV/AIDS Cohort Study. **Roles of medication responsibility, executive and adaptive functioning in adherence for youth with perinatal HIV.** 9<sup>th</sup> Annual International Conference on HIV Treatment and Prevention Adherence, Miami, FL, Jun 8-10, 2014. (Oral Presentation)
  70. Nir TM, Uban KA, Herting MM, Yogev R, Williams PL, Malee KM, Csenansky JG, Wang L, Nichols S, Huo Y, Jahanshad N, Thompson PM, and Sowell ER, for the Pediatric HIV/AIDS Cohort Study. **Altered structural white matter networks in youth with perinatally acquired HIV.** Organization for Human Brain Mapping, Hamburg, Germany, June 8 - 12, 2014 (Poster, Abstract 2131 MT)
  71. Kapogiannis B, Leister E, Siberry G, Van Dyke R, Rudy B, Flynn P, and Williams P for the Pediatric HIV/AIDS Cohort Study. **Prevalence of and progression to abnormal non-invasive markers of liver disease (APRI and FIB-4) among US HIV-infected youth.** 6<sup>th</sup> International Workshop on HIV Pediatrics, Melbourne, Australia July 18 – 19, 2014. (Oral Presentation, Abstract O\_10).

72. Kapogiannis B, Leister E, Siberry G, Van Dyke R, Rudy B, Flynn P, and Williams P for the Pediatric HIV/AIDS Cohort Study. **Prevalence of and progression to abnormal non-invasive markers of liver disease (APRI and FIB-4) among US HIV-infected youth.** 20th International AIDS Society Meeting, Melbourne, Australia July 20 – 25, 2014. (Oral Presentation, Abstract O\_10).
73. Hazra R, Jacobson D, Wang J, Siberry G, Miller T, Geffner M, Patel K, Borkowsky W, Chen J, Van Dyke R, Brummel S, and DiMeglio L for the Pediatric HIV/AIDS Cohort Study. **Fractures in perinatally HIV-infected versus hiv-exposed uninfected children and youth.** The American Society for Bone and Mineral Research, Houston, Texas September 12-15<sup>th</sup>, 2014 (Oral Presentation)

## 2015

74. Jacobson DL, Geffner M, Stephensen C, Hazra R, Patel K, Miller TL, Van Dyke RV, Ellis A, Silio M, and DiMeglio L, for the Pediatric HIV/AIDS Cohort Study. **Vitamin D status and bone outcomes in perinatally HIV-infected children.** 22<sup>nd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 931)
75. Nichols SL, Chernoff M, Malee K, Sirois PA, and Kammerer B the Pediatric HIV/AIDS Cohort Study. **Impact of perinatal HIV exposure and/or infection on executive functions.** 22<sup>nd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 936)
76. Shearer WT, Leister E, Siberry GK, Jacobson DJ, Van Dyke RB, Peavey HH, Siminski S, Kattan M, Butler L, and Colin AR, for the PHACS HIV/AIDS Cohort Study. **Pulmonary complications of HIV-1 in youth: The PHACS AMP Study.** 22<sup>nd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 801)
77. Guerra V, Leister E, Williams PL, Lipshultz SE, Van Dyke RB, Hazra R, and Colan SD, for the Pediatric HIV/AIDS Cohort Study. **Long-term effects of *in utero* ARV exposure on cardiac function in HIV-exposed uninfected youth.** 22<sup>nd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 882)
78. Purswani M, Patel K, Seage GR III, Winkler C, Spector S, Hazra R, Mofenson L, Scott G, Van Dyke RB, and Kopp J, for the Pediatric HIV/AIDS Cohort Study. **APOL1 gene variants and chronic kidney disease in perinatally HIV-infected youth.** 22<sup>nd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 933)
79. Caniglia EC, Patel K, Huo Y, Kapetanovic S, Rich K, Sirois P, Williams P, Hernán MA, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Comparative safety of *in utero* exposure to atazanavir versus non-atazanavir containing regimens on neurodevelopment in HIV exposed but uninfected infants.** 19th International Workshop on HIV Observational Databases, Catania, Sicily, March 26-28, 2015 (Abstract 0017).
80. Williams PL, Hazra R, Van Dyke RB, Yildirim C, Crain MJ, Seage GR III, and Rich K for the Pediatric HIV/AIDS Cohort Study. **Assessment of adverse outcomes in HIV-exposed uninfected infants and children with antiretroviral exposure during pregnancy using a trigger-based design: Results from the Surveillance Monitoring of ART Toxicities (SMARTT) study.** 19th International Workshop on HIV Observational Databases, Catania, Sicily, March 26-28, 2015 (Abstract 0022; Oral presentation).
81. Purswani MU, Karalius B, Yao TJ, Schmid S, Burchett S, Siberry G, Patel K, Van Dyke R, and Yogev R for the Pediatric HIV/AIDS Cohort Study. **Varicella seropositivity rates in vaccinated HIV-infected and HIV-exposed, uninfected youth.** 19<sup>th</sup> International Workshop on HIV observational Databases, Catania, Sicily, March 26-28, 2015 (Abstract 0087).

82. Spector SA, Brummel SS, Nievergelt CM, Purswani MU, Williams PL, Hazra R, Van Dyke R, and Seage GR III for the Pediatric HIV/AIDS Cohort Study. **Genetic ancestry of participants in the U.S. Pediatric HIV/AIDS Cohort Study (PHACS): Is self-report of race/ethnicity sufficient?** 19th International Workshop on HIV Observational Databases, Catania, Sicily, March 26-28, 2015 (Abstract 0011).
83. Berman C, Gaffney L, Kolobow M, Pearson E, Reznick M, Sanders K, and Smith R for the Pediatric HIV/AIDS Cohort Study. **"Meet the ARV Team": Developing visual storytelling tools for maternal disclosure in the Pediatric HIV/AIDS Cohort Study.** IHA Health Literacy Conference, May 6 - 8th, 2015 Irvine, CA (Poster).
84. Nichols SL, Chernoff MC, Woods SP, Yildirim C, Malee KM, Wilkins JL, Williams PL, and Garvie PA, for the Memory Substudy of the Pediatric HIV/AIDS Cohort Study. **Executive and memory functioning and medication adherence among youth with perinatally acquired HIV.** International Association of Providers of AIDS Care, June 2015, Miami, FL (Poster, Abstract 134).
85. Yildirim C, Garvie PA, Chernoff MC, Wilkins ML, Patton ED, Williams PL, and Nichols SL for the Memory Substudy of the Pediatric HIV/AIDS Cohort Study. **The role of pharmacy refill measures in assessing adherence and predicting disease measures in youth with perinatally acquired HIV (PHIV).** International Association of Providers of AIDS Care, June 2015, Miami, FL (Poster, Abstract 133).
86. Berman C, Davidson J, Gaffney L, Karalius B, Pearson E, Reznick M, and Sanders K for the Pediatric HIV/AIDS Cohort Study. **Comics as an exploration of spaces connected to HIV to facilitate maternal disclosure.** Comics and Medicine 6th International Conference, July 17, 2015, Riverside, CA (Oral presentation).
87. Hermetet-Lindsay, KD, Correia, K, Williams, P, Malee, K, Mellins, C, Smith, R & Rutstein, R for the Pediatric HIV/AIDS Cohort Study. **Contributions of disease severity, psychosocial factors, and cognition to behavioral functioning in youth perinatally exposed to HIV.** AIDS Impact Conference, July 28-31, 2015. Amsterdam, NE (Oral presentation)
88. Moscicki A, Farhat S, Yao TJ, Ryder M, Russell J, Van Dyke R, Hazra R, & Shiboski C for the Pediatric HIV/AIDS Cohort Study (PHACS). **Oral HPV in perinatally HIV infected youth: data from the Pediatric HIV/AIDS Cohort Study (PHACS).** 30<sup>th</sup> International Papillomavirus Conference & Clinical and Public Health Workshops (IPV 2015) Lisbon, Portugal, September 17-21, 2015. (Poster, Abstract 540)
89. Berman C, Mangosing, D, Pearson E, Puga, A, Reznick M, Sanders K, Siddiqui D, Smith R, and Williams L for the Pediatric HIV/AIDS Cohort Study. **Innovative approaches to reducing stigma through research Community Advisory Boards (CABs).** International Conference on Stigma, November 20, 2015, Washington, DC (Poster).

## 2016

90. Nichols SL, Chernoff, MC, Kammerer B, Sirois PA, Garvie PA, Woods SP, Yildirim C, Williams PL, and Malee KM for the Pediatric HIV/AIDS Cohort Study (2016). **Associations of memory and executive functioning with academic and adaptive functioning among youth with perinatal HIV exposure and/or infection.** International Neuropsychological Society, Boston, Massachusetts, February 3-6, 2016. (Oral presentation)
91. Redmond S, Yao T, Russell JS, Rice ML, Hoffman HJ, Siberry G, and Williams P, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Longitudinal evaluation of language impairment in perinatally HIV exposed adolescents.** 23<sup>rd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 814).



92. Williams PL, Huo Y, de los Angeles CP, Wang SD, Uban K, Herting MM, Malee K, Nichols S, Van Dyke RB, Wang L, and Sowell ER for the Pediatric HIV/AIDS Cohort Study (PHACS) and the Pediatric Imaging, Neurocognition, and Genetics (PING) Study. **Brain volumes, HIV disease severity, and substance use in perinatally-infected youth.** 23<sup>rd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 822).
93. Rice ML, Russell JS, Frederick T, Purswani M, Williams PL, Siberry G, Redmond S, Hoffman HJ, and Yao T, for the Pediatric HIV/AIDS Cohort Study (PHACS). **ARV risk for speech and language impairments in HEU children at 3 and 5 years.** 23<sup>rd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 813).
94. de los Angeles CP, Williams PL, Huo Y, Alpert K, Malee K, Csernansk, JG, Yogev R, Van Dyke RB, Sowell ER, and Wang L for the Pediatric HIV/AIDS Cohort Study (PHACS). **Long-term effects on the basal ganglia in youth with perinatally-acquired HIV infection.** 23<sup>rd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 823).
95. Uprety P, Patel K, Karalius B, Rainwater-Lovett K, Ziemniak C, Chen Y, Siminski S, Van Dyke R, Seage GR III, and Persaud D, for the Pediatric HIV/AIDS Cohort Study. **HIV-1-DNA dynamics over a decade or more of viral suppression in perinatal infection.** 23<sup>rd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 825).
96. Fulcher IR, Tchetgen-Tchetgen EJ, and Williams PL for the Pediatric HIV/AIDS Cohort Study. **A cautionary tale: mediation analysis applied to censored survival data.** 2016 ENAR Spring Meeting; Austin, Texas; March 6-9, 2016; (Oral presentation, session 88).
97. Neilan AM, Karalius B, Patel K, Van Dyke RB, Burchett S, Wiznia A, Purswani MU, Agwu A, Kacaneck D, Williams PL, Seage GR III, Ciaranello L for the Pediatric HIV/AIDS Cohort Study. **Older perinatally HIV-infected youth have lower CD4 counts, more viremia and clinical events.** 2<sup>nd</sup> Workshop on Adolescent Transition, Collaborative Initiative for Pediatric HIV Education and Research, Budapest, Hungary, April 6, 2016 (Oral presentation)
98. Neilan AM, Karalius B, Patel K, Van Dyke RB, Burchett S, Wiznia A, Purswani MU, Agwu A, Kacaneck D, Williams PL, Seage GR III, Ciaranello L for the Pediatric HIV/AIDS Cohort Study. **Older perinatally HIV-infected youth have lower CD4 counts, more viremia and clinical events.** 20th International Workshop on HIV observational Databases, Budapest, Hungary, April 7-9, 2016 (Poster presentation, Abstract 0090).
99. Patel K, Goodenough C, Rich K, and Van Dyke RB, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Is there a higher risk of mother-to-child transmission among women with perinatal HIV infection?** 20th International Workshop on HIV observational Databases, Budapest, Hungary, April, 2016 (Abstract 51)
100. Williams PL, Fulcher I, and Tchetgen-Tchetgen E for the Pediatric HIV/AIDS Cohort Study. **Mediation analysis for censored survival data: applications for HIV Research.** 20th International Workshop on HIV observational Databases, Budapest, Hungary, April, 2016 (Abstract 48)
101. Tassiopoulos K, Patel K, Alperen J, Kacaneck D, Ellis A, Berman C, Allison SM, Hazra R, Barr E, Cantos K, Siminski S, Massagil M, Bauermeister J, Siddiqui DQ, Puga A, Van Dyke RB, and Seage GR III, for the Pediatric HIV/AIDS Cohort Study. **Following young people with perinatal HIV infection through the transition from adolescence into adulthood.** 20th International Workshop on HIV observational Databases, Budapest, Hungary, April, 2016 (Abstract 0048)

102. Berman C, Ashwal G, Thomas A, Davidson J, Kolobow M, Pearson E, Puga A, Reznick M, Sanders K, Siddiqui DQ, and Williams L for the Pediatric HIV/AIDS Cohort Study. **"The Humble Blood Droplet:" Developing whiteboard videos for retention in the Pediatric HIV/AIDS Cohort Study.** IHA Health Literacy Conference, May 4 - 6th, 2016, Irvine, CA (Poster).
103. Kacanek D, Huo Y, Malee K, Mellins CA, Smith R, Garvie P, Tassiopoulos K, Lee S, Berman C, Paul M, Puga A, Allison S. for the Pediatric HIV/AIDS Cohort Study (PHACS). **Nonadherence and unsuppressed viral load across stages of adolescent development in US youth with perinatally acquired HIV in the Pediatric HIV/AIDS Cohort Study: A longitudinal analysis.** IAPAC 11<sup>th</sup> International Conference on HIV Treatment and Prevention Adherence, May 9-11, 2016, Fort Lauderdale, FL (Oral Presentation)
104. Ashwal, G, Berman, C, Leamy, C, Li-Vollmer, M, & Thomas, A for the Pediatric HIV/AIDS Cohort Study. **Comics and Health: Saving Lives and Preventing Disease.** Comics Arts Conference, July 20 - 24, 2016, San Diego, CA (Panel).
105. Reznick M & Berman C for the Pediatric HIV/AIDS Cohort Study. **Perspectives in Community Engagement: Establishing and Sustaining Community Advisory Boards.** International Maternal Pediatric Adolescent AIDS Clinical Trials (IMPAACT) ICAB Meeting, June 14th, 2016, Arlington, VA (Oral Presentation).
106. Ruskowski A, Jacobson D, Maldonado N, Butler L, Neri D, Somarriba G, Siminski S, Mellins C, Miller T. for the Pediatric HIV/AIDS Cohort Study. **The role of maternal vitamin D and iron status on developmental outcomes and head circumference in HIV-exposed uninfected infants.** World Congress of Pediatric Gastroenterology, Hepatology, and Nutrition (WCPGHAN) Meeting, October 5-8, 2016, Montréal, Canada (Poster Presentation #318).

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107. Wools-Kaloustian K, Smith C, Goodall R, Collins IJ, Abrams EJ, Davies M, Paul M, Pinto J, Van Dyke RB on behalf of the CIPHER Time on first line project team. "Predictors of switch to second-line ART in HIV-positive children: a global analysis" Conference on Retroviruses and Opportunistic Infections (CROI), February 13 - 16, 2017, Seattle, Washington (Poster Presentation #1104).
108. Rough K, Seage GR, Williams PL, Hernandez-Diaz S, Huo Y, Chadwick EG, Hoffman RM, Barr E, Shapiro DE, Patel K. **TDF/FTC in pregnancy shows no increase in adverse infant birth outcomes in US cohorts.** Conference on Retroviruses and Opportunistic Infections (CROI), February 13 - 16, 2017, Seattle, Washington (Poster Presentation #439).
109. Bearden D, Gill AJ, William PL, Kolson DL, Schankel L, Agwu A, Van Dyke RB, & Douglas SD for the Pediatric HIV/AIDS Cohort Study. **Plasma Heme-Oxygenase-1 is associated with cognitive decline in children with HIV.** Conference on Retroviruses and Opportunistic Infections (CROI), February 13 - 16, 2017, Seattle, Washington (Poster Presentation #1734).
110. Bearden D, Gill AJ, William PL, Kolson DL, Schankel L, Agwu A, Van Dyke RB, & Douglas SD for the Pediatric HIV/AIDS Cohort Study. **Biomarkers of cognitive decline in perinatally-infected children with HIV.** Conference on Retroviruses and Opportunistic Infections (CROI), February 13 - 16, 2017, Seattle, Washington (Poster Presentation #1707).
111. Moscicki A, Karalius B, Tassiopoulos K, Jacobson D, Patel K, Purswani M, Seage GR III, Siberry G & Yao TJ for the Pediatric HIV/AIDS Cohort Study (PHACS). **HPV4 Vaccine Immunogenicity and efficacy in perinatally HIV-infected adolescent.** Conference on Retroviruses and Opportunistic Infections (CROI), February 13 - 16, 2017, Seattle, Washington (Poster Presentation).

112. Torre P, Russell J, Cook A, Lee S, Hoffman H, Smith R, Williams P, & Yao TJ for the Pediatric HIV/AIDS Cohort Study. **Words-in-noise data from PHACS perinatally HIV-infected and HIV-exposed young adults.** American Auditory Society meeting, March 2-4, 2017, Scottsdale, Arizona (Poster Presentation #119).
  
113. Williams P, Huo Y, Rutstein R, Hazra R, Seage G, VanDyke R, Chadwick E for the Pediatric HIV/AIDS Cohort Study. **Trends in neonatal prophylaxis and predictors of combination antiretroviral prophylaxis in US infants from 1990-2016.** 21<sup>st</sup> International Workshop on HIV and Hepatitis Observational Databases, March 22<sup>nd</sup> - 24<sup>th</sup>, 2017, Lisbon, Portugal, (Oral presentation, Abstract #13).