



## PUBLICATIONS

### ACCEPTED FOR PUBLICATION

Greg S. Gojanovich, Denise L. Jacobson, Carly Broadwell, Brad Karalius, Brian Kirmse Mitchell E. Geffner, Jennifer Jao,; Russell B. Van Dyke, Elizabeth J. McFarland, Margarita Silio, Marilyn Crain, and Mariana Gerschenson, for the Pediatric HIV/AIDS Cohort Study. **Associations of FGF21 and GDF15 with mitochondrial dysfunction in children living with perinatally-acquired HIV: a cross-sectional evaluation of Pediatric AIDS Clinical Trials Group 219/219C.** PLOS One. Accepted 2021 December 10.

### EPUB AHEAD OF PRINT

Shiau S, Yu W, Jacobson DL, Nichols S, McFarland EJ, Chen JS, Dirajlal-Fargo S, Surowiec K, Geffner M, Jao J for the Pediatric HIV/AIDS Cohort Study (PHACS). **Components of metabolic syndrome associated with lower neurocognitive performance in youth with perinatally-acquired HIV and youth who are HIV-exposed uninfected.** J Neurovirol. 2021 Sept 15; Accepted 2021 August 3; Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/34524627/>

Yu W, Jacobson DL, Williams PL, Patel K, Geffner ME, Van Dyke RB, Kacanek D, DiMeglio LA, Jao J for the Pediatric HIV/AIDS Cohort Study (PHACS). **Growth Patterns of Uninfected Children Born to Women Living with Perinatally- Versus Non-Perinatally-Acquired HIV.** AIDS. Accepted 2021 Dec 6; Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/34860195/>

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155. Nichols S, Brummel S, Malee K, Mellins C, Moscicki A-B, Smith R, Cuadra A, Bryant K, Boyce C, Tassiopoulos K, for the Pediatric HIV/AIDS Cohort Study (PHACS). **The role of behavioral and neurocognitive functioning in substance use among youth with perinatally acquired HIV infection and perinatal HIV exposure without infection.** The 23<sup>rd</sup> International AIDS Conference (AIDS 2020) July 6-10, 2020. San Francisco, Oakland (Virtual Poster Presentation).
154. Tassiopoulos K, Huo Y, Kacanek D, Malee K, Kohlhoff S, Mellins C, Nichols S, Seage III GR, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Social support and viral suppression in young adults with perinatally-acquired HIV.** The 23<sup>rd</sup> International AIDS Conference (AIDS 2020) July 6-10, 2020. San Francisco, Oakland (Virtual Poster Presentation).
153. Jacobson D, Yu W, Brummel S, Kalkwarf HJ, Shiao S, McFarland EJ, Patel K, Borkowsky W, Chen J, Mirza A, DiMeglio L, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Bone accrual in children with perinatally acquired HIV compared to health children.** The 23<sup>rd</sup> International AIDS Conference (AIDS 2020) July 6-10, 2020. San Francisco, Oakland (Virtual Poster Presentation).
152. Patel K, Huo Y, Jao J, Williams P, Kacanek D, Yee L, Zash R, Shiao S, Jacobson D, Seage III GR, for the Pediatric HIV/AIDS Cohort Study Surveillance Monitoring for ART Toxicities Study (PHACS SMARTT). **Viral suppression by delivery and birth outcomes among pregnant women living with HIV using dolutegravir in the United States: A comparative effectiveness and safety analysis.** The 23<sup>rd</sup> International AIDS Conference (AIDS 2020) July 6-10, 2020. San Francisco, Oakland (Virtual Poster Presentation).
151. Tassiopoulos K, Huo Y, Kacanek D, Malee K, Kohlhoff S, Mellins C, Nichols S, Seage III GR, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Social support and viral suppression in young adults with perinatally-acquired HIV.** 24<sup>th</sup> International Workshop on HIV and Hepatitis Observational Databases (IWHOD) March 26-28, 2020. Sitges, Spain (Poster Presentation).
150. Jacobson D, Yu W, Brummel S, Kalkwarf HJ, Shiao S, McFarland EJ, Patel K, Borkowsky W, Chen J, Mirza A, DiMeglio L, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Bone accrual in children with perinatally acquired HIV compared to health children.** 24<sup>th</sup> International Workshop on HIV and Hepatitis Observational Databases (IWHOD) March 26-28, 2020. Sitges, Spain (Poster Presentation).
149. Patel K, Huo Y, Jao J, Williams P, Kacanek D, Yee L, Zash R, Shiao S, Jacobson D, Seage III GR, for the Pediatric HIV/AIDS Cohort Study Surveillance Monitoring for ART Toxicities Study (PHACS SMARTT). **Viral suppression by delivery and birth outcomes among pregnant women living with HIV using dolutegravir in the United States: A comparative effectiveness and safety analysis.** 24<sup>th</sup> International Workshop on HIV and Hepatitis Observational Databases (IWHOD) March 26-28, 2020. Sitges, Spain (Oral Presentation).
148. Pintye J, Huo Y, Kacanek D, Kuncze K, Zhang K, Okochi H, Gandhi M, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Detectable HIV RNA in late pregnancy associated with low TFV hair levels at birth.** Conference on Retroviruses and Opportunistic Infections (CROI), March 8-11, 2020. Boston, Massachusetts (Poster Presentation).

147. McManus M, Karalius B, Patel K, Persaud D, Luzuriage K, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Quantitative HIV-1 Specific Antibodies as Predictors of blood HIV-1 DNA Levels.** Conference on Retroviruses and Opportunistic Infections (CROI), March 8-11, 2020. Boston, Massachusetts (Poster Presentation).
146. Crichton S, Jesson J, Aké-Assi MH, Belfrage E, Chokephaibulkit K, Davies MA, Paul M, Wanless S, Calles N, Pinto J, Teasdale C, Vreeman R, Williams P, Yotebieng M, Leroy V, Goodall R, on behalf of the CIPHER Global Cohort Collaboration. **Global variations in pubertal growth in adolescents living with perinatal HIV.** Conference on Retroviruses and Opportunistic Infections (CROI), March 8-11, 2020. Boston, Massachusetts (Poster Presentation).
145. Yee L, Kacanek D, Brightwell C, Haddad LB, Jao J, Powis K, Yao TJ, Seage III GR, Chadwick E, for the Pediatric HIV/AIDS Cohort Study Surveillance Monitoring for ART Toxicities Study (PHACS SMARTT). **Trends in marijuana, alcohol, and opioid use in pregnant and postpartum women with HIV.** Conference on Retroviruses and Opportunistic Infections (CROI), March 8-11, 2020. Boston, Massachusetts (Poster Presentation).

## 2019 (n=13)

144. Jacobson DL, Yu W, Patel K, Geffner ME, Kacanek D, Van Dyke RB, DiMeglio LA, Jao J, Williams PL, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Postnatal growth in HIV-exposed uninfected children in the U.S.** by preterm status: Results from PHACS SMARTT. Society for Epidemiologic Research. June 19-21, 2019. Minneapolis, Minnesota. (Poster).
143. Tzy-Jyun Yao, Kay Malee, Joel Zhang, Renee Smith, Paige Williams, Sean Redmond, Claude Mellins, Claudia Crowell, Peter Torre, Howard Hoffman, Toni Frederick and Mabel Rice for the Pediatric HIV/AIDS Cohort Study. **Atazanavir exposure *in utero* and risk of multiple signals of neurodevelopmental dysfunction in 5-year-old HIV-exposed uninfected children.** 11<sup>th</sup> International Workshop on HIV Pediatrics, July 19-20, 2019, Mexico City, Mexico (Oral presentation).
142. Powis KM, Huo Y, Williams PL, Jao J, Kacanek D, Patel K, Chakhtoura N, Hazra R, Seage III GR, Van Dyke RB, Chadwick EG. **Antiretroviral Prescribing Trends in Pregnancy Compared with United States Department of Health and Human Services Perinatal Treatment Guidelines: 2008-2017.** Inter-CFAR HIV in Women Symposium, Chicago, Illinois, October 21-22
141. Williams PL, Yildirim C, Chadwick E, Van Dyke, RB, Smith R, Diperna A, Seage GS, Hazra R, Crowell C for the Pediatric HIV/AIDS Cohort Study. **Association of Maternal ARV Use with Microcephaly in HIV-Exposed Uninfected Children.** IWHOD Conference, March 28 – 30, 2019, Athens, Greece (Oral presentation)
140. Cantos K, Williams PL, Tassiopoulos K, Franke MF, Moscicki AB, Seage GR for the Pediatric HIV/AIDS Cohort Study. **Inconsistent sexual behavior reporting between adolescence and adulthood in**

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**youth affected by perinatal HIV exposure living in the United States.** IWHOD Conference, March 28 – 30, 2019, Athens, Greece (Poster)

139. Cantos K, Williams PL, Tassiopoulos K, Franke MF, Moscicki AB, Seage GR for the Pediatric HIV/AIDS Cohort Study. **The effect of alcohol and drug use on condom use during vaginal sex in young adults living with perinatally-acquired HIV in the United States.** IWHOD Conference, March 28 – 30, 2019, Athens, Greece (Poster)
138. Chadwick EG, Williams PL, Seage GS, Yildirim C, Van Dyke, RB, Smith R, Diperna A, Hazra R, Crowell C for the Pediatric HIV/AIDS Cohort Study. **Maternal substance use during pregnancy and neurologic conditions among HIV-exposed uninfected children born to women with HIV.** IWHOD Conference, March 28 – 30, 2019, Athens, Greece (Poster)
137. Jao J, Kacanek D, Yu W, Williams P, Patel K, Burchett S, Scott G, Abrams EJ, Sperling RS, Van Dyke RB, Smith R, and Malee K, for the Pediatric HIV/AIDS Cohort Study. **Neurodevelopment in infants of women with perinatally vs non-perinatally acquired HIV.** CROI Conference, March 4 – 7, 2019, Seattle, Washington (Poster)
136. Powis KM, Huo Y, Williams PL, Jao J, Kacanek D, Patel K, Chakhtoura N, Seage III GR, Van Dyke RB, Chadwick EG for the Pediatric HIV/AIDS Cohort Study (PHACS). **Prescribing Practices for Women Initiating ART during Pregnancy in the US: 2008-2017.** CROI Conference, March 4 – 7, 2019, Seattle, Washington (Poster)
135. Yu W, Jacobson D, Williams PL, Patel K, DiMeglio L, Geffner M, Kacanek D, Van Dyke RB, and Jao J, for the Pediatric HIV/AIDS Cohort Study (PHACS). **Growth patterns in children of women with perinatally vs non-perinatally acquired HIV.** CROI Conference, March 4 – 7, 2019, Seattle, Washington (Poster)
134. Attia E, Jacobson D, Yu W, Maleche-Obimbo E, Williams P, Crowell C, Chung M, Crothers K, Shearer WT for the Pediatric HIV/AIDS Cohort Study. **Immune imbalance is associated with impaired spirometry in perinatally-acquired HIV.** CROI Conference, March 4 – 7, 2019, Seattle, Washington (Poster)
133. Spector S, Brummel SS, Singh KK, Kim J, Frazer KA, Nichols S, Seage III GR, Williams P, Van Dyke RB, Harismenday O, Trout RN, Rawat P for the Pediatric HIV/AIDS Cohort Study. **Genomics Links Autophagy with Neurocognitive Impairment in HIV-infected Children.** CROI Conference, March 4 – 7, 2019, Seattle, Washington (Poster Presentation)
132. Karalius B, Berman C, Kacanek D, Moscicki AB, Paul M, Powis K, Tassiopoulos K and Patel K for the Pediatric HIV/AIDS Cohort Study. **Identifying women living with perinatal HIV infection at risk of postpartum viremia.** CROI Conference, March 4 – 7, 2019, Seattle, Washington (Poster)

**2018 (n=18)**



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131. Smith R, Huo Y, Tassiopoulos K, Rutstein R, Kapetanovic S, Mellins C, Kacanek D, Malee K, for the Pediatric HIV/AIDS Cohort Study. **Mental Health Diagnoses, Symptoms, and Service Uptake in US Youth with PHIV Exposure.** CROI Conference, March 4- 7, 2018, Boston, Massachusetts (Poster)
130. Lee KH, Coull B, Moscicki AB, Paster B, Starr J for the Pediatric HIV/AIDS Cohort Study. **Bayesian Variable Selection for Multivariate Zero-Inflated Models: Application to Microbiome Count Data.** Accepted by Biostatistics
129. Labuda S, Huo Y, Kacanek D, Patel K, Scott G, Burchett S, Jao J, Smith C, Hernandez-Diaz S, Kakkar F, Chadwick E, Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Higher Rates of Hospitalization and Infection-Related Hospitalization among HIV-Exposed Uninfected Infants Compared to HIV Unexposed Uninfected Infants in the US.** ID Week Conference, October 3 - 7, 2018, San Francisco, California (Oral Presentation).
128. O'Brien B, Williams P, Kacanek D, Chadwick E, Powis K, Correia K, Haddad L, Jee L, Chaktoura N, Dola C, Van Dyke R for the Pediatric HIV/AIDS Cohort Study. **Repeat Pregnancies Among Women Living with HIV in the SMARTT Study: Evaluating temporal changes in HIV disease status and exploring the association between preterm birth and protease inhibitor use in pregnancy.** ID Week Conference, October 3 - 7, 2018, San Francisco, California (Oral Presentation).
127. Purswani M, Jacobsen D, Kopp J, Van Dyke R, DiMieglio L, Yao TJ, Miller T, Siberry G for the Pediatric HIV/AIDS Cohort Study. **Phosphaturia in HIV-exposed Uninfected Neonates Associated with Maternal Use of Tenofovir Disoproxil Fumarate in Late Pregnancy.** ID Week Conference, October 3 - 7, 2018, San Francisco, California (Poster).
126. Purswani M, Yao TJ, Russell J, Malee K, Spector S, Williams P, Frederick T, Burchett S, Dietrich M, Redmond S, Hoffman H, Torre P, Lee S, Rice M for the Pediatric HIV/AIDS Cohort Study. **Birth Prevalence of Congenital Cytomegalovirus Infection and Language, Hearing and Developmental Outcomes in a Cohort of HIV-Exposed Uninfected Preschool Children.** ID Week Conference, October 3 - 7, 2018, San Francisco, California (Oral Presentation).
125. Crowell C, Williams P, Yildirim C, Van Dyke R, Smith R, Chadwick E, Seage G III, Hazra R for the Pediatric HIV/AIDS Cohort Study. **Safety of In Utero Antiretroviral (ARV) Exposure: Neurologic Outcomes in HIV-Exposed, Uninfected Children.** ID Week Conference, October 3 - 7, 2018, San Francisco, California (Oral Presentation).
124. Tassiopoulos K, Huo Y, Patel K, Nichols S, Kacanek D, Allison S, Paul M, Siminski S, Mellins C for the Pediatric HIV/AIDS Cohort Study. **Ability to manage health after transition to adult care is associated with retention in care among young adults with perinatal HIV infection.** International AIDS Conference, July 23 - 27, 2018, Amsterdam, Netherlands (Poster).
123. Berman C, Kacanek D, Nichamin M, Wilson D, Allison S, Davtyan M, Patel K, Reznick M, Tassiopoulos K, Lee S, Bauermeister J, Paul M, Aldape T, Siddiqui D, and Seage G III for the Pediatric HIV/AIDS Cohort Study. **Social media and technology use for HIV research among young adults in the**

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**Pediatric HIV/AIDS Cohort Study (PHACS).** International AIDS Conference, July 23 - 27, 2018, Amsterdam, Netherlands (Poster).

122. Berman C, Kacanek D, Nichamin M, Reznick M, Sanders K, McCann S, and Chadwick E for the Pediatric HIV/AIDS Cohort Study. **Maternal disclosure to perinatally HIV-exposed but uninfected (HEU) young adults in the Pediatric HIV/AIDS Cohort Study (PHACS).** International AIDS Conference, July 23 - 27, 2018, Amsterdam, Netherlands (Poster).
121. Berman C & Reznick M for the Pediatric HIV/AIDS Cohort Study. **Faces of PHACS: A Youth Documentary.** Vail Film Festival, April 5 - 8, 2018, Vail, CO (Short Documentary Screening and Q&A).
120. Wilkinson JW, Williams PL, Yu Wendy, Colan SD, Mendez A, Zachariah JPV, Van Dyke RB, Shearer WT, Margossian RE and Lipshultz SE for the Pediatric HIV/AIDS Cohort Study. **Cardiac and Inflammatory Biomarkers in Perinatally HIV-Infected and HIV-Exposed Uninfected Children.** Pediatric Academic Societies meeting, May 5-8, 2018, Toronto, Ontario, Canada (Poster Presentation Board #55).
119. Williams PL, Correia K, Karalius B, Wilkinson JD, Van Dyke RB, Hazra R, Shearer WE, Colan SD, Lipshultz SE for the Pediatric HIV/AIDS Cohort Study. **Assessing Complex Combination Antiretroviral Regimens in HIV Observational Studies: Applications to Cardiac Status of Perinatally HIV-Infected Children.** 22nd International Workshop on HIV and Hepatitis Observational Databases (IWHOD). March 22-24, 2018, Fuengirola, Spain. (Poster, Abstract #87).
118. Brummel SS, Van Dyke RB, Patel K, Purswani M, Seage III GR, Yao TJ, Hazra R, Karalius B, and Williams PL for the Pediatric HIV/AIDS Cohort Study. **Cumulative measures of viral load burden in pediatric HIV research.** International Workshop on HIV and Hepatitis Observational Databases, March 22-24, 2018, Fuengirola, Spain (Poster, Abstract #68).
117. Patel K, Smith C, Collins IJ, Goodall R, Abrams E, Mohamed TJ, Van Dyke R, Rojo P, Wools-Kaloustian K, Pinto J, Edmonds A, Paul M, Davies MA, Leroy V, and Vreeman R, on behalf of the Collaborative Initiative for Paediatric HIV Education and Research (CIPHER) Cohort Collaboration Duration of Second-line Project Team. **Outcomes of second-line antiretroviral therapy (ART) in HIV-infected children: a CIPHER cohort collaboration global analysis.** 22nd International Workshop on HIV and Hepatitis Observational Databases (IWHOD). March 22-24, 2018, Fuengirola, Spain. (Poster, Abstract #91).
116. Patel K, Karalius B, Powis K, Berman C, Kacanek D, Moscicki AB, Paul M, and Tassiopoulos K, for the Pediatric HIV/AIDS Cohort Study. **Pregnancy rates and postpartum virologic control among perinatally HIV-infected young women in the US.** 22nd International Workshop on HIV and Hepatitis Observational Databases (IWHOD). March 22-24, 2018, Fuengirola, Spain. (Oral presentation, Abstract #20).
115. Smith R, Huo Y, Tassiopoulos, K, Rutstein R, Kapetanovic S, Mellins C, Kacanek D, & Malee K for the Pediatric HIV/AIDS Cohort Study. **Mental health diagnoses, symptoms, and service uptake in U.S.**

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**youth with PHIV exposure.** Conference on Retroviruses and Opportunistic Infections (CROI), March 4-7, 2018, Boston, Massachusetts (Poster Presentation #2795).

114. Jao J, Jacobson D, Yu W, McKenna M, Borkowsky W, Geffner ME, Hazra R, Karalius B, McFarland B, Patel K, Williams P, Miller T, for the Pediatric HIV/AIDS Cohort Study. **Metabolic outcomes in obese HIV-exposed uninfected children: comparison with NHANES.** Conference on Retroviruses and Opportunistic Infections (CROI 2018) March 5-7, 2018. Boston, MA. (Poster, Abstract #888)

**2017 (n=7)**

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.** 21st International Workshop on HIV and Hepatitis Observational Databases, March 22-24, 2017, Lisbon, Portugal, (Oral presentation, Abstract #13).
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).
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).
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).
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).
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).
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).

**2016 (n=17)**

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).
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).
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).
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 11th International Conference on HIV Treatment and Prevention Adherence, May 9-11, 2016, Fort Lauderdale, FL (Oral Presentation)
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).
101. Tassiopoulos K, Patel K, Alperen J, Kacanek 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 7-9, 2016 (Abstract 0095)
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 7-9, 2016 (Abstract 48)
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 7-9, 2016 (Abstract 51)

98. Neilan AM, Karalius B, Patel K, Van Dyke RB, Burchett S, Wiznia A, Purswani MU, Agwu A, Kacanek 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).
97. Neilan AM, Karalius B, Patel K, Van Dyke RB, Burchett S, Wiznia A, Purswani MU, Agwu A, Kacanek 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.** 2nd Workshop on Adolescent Transition, Collaborative Initiative for Pediatric HIV Education and Research, Budapest, Hungary, April 6, 2016 (Oral presentation)
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).
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.** 23rd Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 825).
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.** 23rd Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 823).
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.** 23rd Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 813).
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.** 23rd Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 822).
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.** 23rd Conference on Retroviruses and Opportunistic Infections (CROI 2016), February 22 -25, 2016. Boston, MA (Poster presentation, Abstract 814).



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)

**2015 (n=16)**

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).

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).** 30th International Papillomavirus Conference & Clinical and Public Health Workshops (IPV 2015) Lisbon, Portugal, September 17-21, 2015. (Poster, Abstract 540)

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)

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).

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).

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).

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**

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**disclosure in the Pediatric HIV/AIDS Cohort Study.** IHA Health Literacy Conference, May 6 - 8th, 2015 Irvine, CA (Poster).

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).
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.** 19th International Workshop on HIV observational Databases, Catania, Sicily, March 26-28, 2015 (Abstract 0087).
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).
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).
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.** 22nd Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 933)
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.** 22nd Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 882)
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.** 22nd Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 801)
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.** 22nd Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 936)

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.** 22nd Conference on Retroviruses and Opportunistic Infections (CROI 2015). Seattle, Washington, February 23-26, 2015 (Poster, Abstract 931)

**2014 (n=19)**

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 12-15th, 2014 (Oral Presentation)

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).

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.** 6th International Workshop on HIV Pediatrics, Melbourne, Australia July 18 – 19, 2014. (Oral Presentation, Abstract O\_10).

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)

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.** 9th Annual International Conference on HIV Treatment and Prevention Adherence, Miami, FL, Jun 8-10, 2014. (Oral Presentation)

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)

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)

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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 27-29th, 2014 (Poster)
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 27-29th, 2014 (Poster)
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).
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.** 21st Conference on Retroviruses and Opportunistic Infections (CROI 2014), March 3-6, 2014, Boston, MA (Oral presentation, Abstract 72).
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.** 21st Conference on Retroviruses and Opportunistic Infections (CROI 2014), March 3-6, 2014, Boston, MA (Poster, Abstract 863LB).
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.** 21st Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, March 3-6, 2014. (Poster, Abstract 583)
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.** 21st Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, March 3-6, 2014. (Poster, Abstract 897)
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.** 21st Conference on Retroviruses and Opportunistic Infections, Boston (CROI 2014), MA, March 3-6, 2014 (Poster, Abstract 845)
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**

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**pregnant women in the US.** 21st Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, March 3-6, 2014. (Poster, Abstract 838)

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.** 21st Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, Massachusetts. March 3-6, 2014 (Poster, Abstract 376)
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.** 21st Conference on Retroviruses and Opportunistic Infections (CROI 2014), Boston, March 3-6, 2014 (Poster, Abstract 851)
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.** 21st Conference on Retroviruses and Opportunistic Infections (CROI 2014), March 3-6, 2014, Boston, MA (Oral presentation, Abstract 71).

### 2013 (n=17)

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)
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).
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).
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)



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)
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)
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)
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).
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 (NCPP), New Orleans, Louisiana, April 11-13, 2013 (Abstract 277).
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)
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).
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.**

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Eastern Society for Pediatric Research, Philadelphia, Pennsylvania, March 22-23, 2013 (Abstract 752447)

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.** 20th Conference on Retroviruses and Opportunistic Infections (CROI 2013), Atlanta, Georgia, March 3-6, 2013 (Abstract V-168)
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.** 20th Conference on Retroviruses and Opportunistic Infections (CROI 2013), Atlanta, Georgia, March 3-6, 2013 (Abstract V-162)
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.** 20th Conference on Retroviruses and Opportunistic Infections (CROI 2013), Atlanta, Georgia, March 3-6, 2013 (Abstract V-150)
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.** 20th Conference on Retroviruses and Opportunistic Infections (CROI 2013), Atlanta, Georgia, March 3-6, 2013 (Abstract V-110)
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.** 3rd International Workshop on HIV & Women, January 14, 2013, Toronto. (Abstract O-06)

## 2012 (n=8)

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.** 4th International Workshop On HIV Pediatrics Washington, DC July 20-21th, 2012 (Abstract 09).
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.** 4th International Workshop On HIV Pediatrics Washington, DC July 20-21th, 2012 (Abstract O\_19).
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**

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**quality among HIV-infected women in the 3rd trimester of pregnancy.** 19th International AIDS Conference Washington DC, 2012 (Oral presentation, Abstract MOAB0203).

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).
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).
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)
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.** 16TH International Workshop on HIV Observational Databases, Athens, Greece, March 29-31, 2012. (Abstract 46)
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.** 16TH International Workshop on HIV Observational Databases, Athens, Greece, March 29-31, 2012. (Abstract 48)

#### **2011 (n=7)**

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.** 6th IAS Conference on HIV Pathogenesis, Treatment and Prevention, Rome, Italy July 17-20, 2011 (Abstract MOLBPE036).
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.** 3rd International Workshop on HIV Pediatrics, Rome, Italy, July 14-16, 2011 (Abstract O\_1).

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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).
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).
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 15th International Workshop on Observational Databases, Prague, Czech Republic, March 24, 2011(Abstract 19).
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).
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).

#### **2010 (n=10)**

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).
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).
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**

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**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).

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: Comorbidity 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).
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).
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.** 14th International Workshop on Observational Databases in Sitges, Spain, March 25 – 27, 2010. (Abstract 6).
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).
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).
14. Griner RG, Williams PL, Read JS, Seage GR III, Crain M, Yogev 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).
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



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

**2009 (n=11)**

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).
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).
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).
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