Publications and Abstracts

Publications

1. Kapetanovic, S., Leister, E., Nichols, S., Miller, T., Tassiopoulos, K., Hazra, R., Gelbard, H., Malee, K., Kammerer, B., Mendez, A., & Williams, P., for the Pediatric HIV AIDS Cohort Study Team. (2010). Relationships between markers of vascular dysfunction and neurodevelopmental outcomes in perinatally HIV-infected youth. *AIDS*, *24*(10), 1481-1491.
   PMCID: 2885052. http: //www.ncbi.nlm.nih.gov/pmc/articles/PMC2885052/?tool=pmcentrez

2. Tassiopoulos, K., Read, J., Brogly, S., Rich, K., Lester, B., Spector, S., Yogev, R., & Seage III, G. (2010). Substance use in HIV-infected women during pregnancy: self-report versus meconium analysis. *AIDS and Behavior*, *14*(6), 1269-1278.
   PMCID: 3098043. http: //www.ncbi.nlm.nih.gov/pmc/articles/PMC3098043/?tool=pmcentrez

3. Van Dyke, R. B., Patel, K., Siberry, G. K., Burchett, S. K., Spector, S. A., Chernoff, M. C., Read, J. S., Mofenson, L. M., & Seage III, G. R., for the Pediatric AIDS Cohort Study. (2011). 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, *Journal of Acquired Immune Deficiency Syndromes*, *57*(2), 165-173.
   PMCID: 3125481. http: //www.ncbi.nlm.nih.gov/pubmed/21407086

4. Siberry, G. K., Patel, K., Van Dyke, R. B., Hazra, R., Burchett, S. K., Spector, S. A., Paul, M. E., Read, J. S., Wiznia, A., & Seage III, G. R., for the Pediatric AIDS Cohort Study. (2011). CD4+ lymphocyte-based immunologic outcomes of perinatally HIV-infected children during antiretroviral therapy interruption, *Journal of Acquired Immune Deficiency Syndromes*, *57*(3), 223-229.
   PMCID: 3156860. http: //www.ncbi.nlm.nih.gov/pubmed/21423022

5. Malee, K. M., Tassiopoulos, K., Huo, Y., Siberry, G., Williams, P. L., Hazra, R., Smith, R. A., Allison, S. M., Garvie, P. A., Kammerer, B., Kapetanovic, S., Nichols, S., Van Dyke, R., Seage III, G. R., Mellins, C. A., for the Pediatric HIV/AIDS Cohort Study Team. (2011). Mental health functioning among children and adolescents with perinatal HIV infection and perinatal HIV exposure, A*IDS Care*, *23*(12), 1533-1544.
   PMID: 21702707. http: //www.ncbi.nlm.nih.gov/pubmed/21702707

6. Mellins, C. A., Tassiopoulos, K., Malee, K., Moscicki, A. B., Patton, D., Smith, R., Usitalo, A., Allison, S. M., Van Dyke, R., & Seage III, G. R., for the Pediatric HIV/AIDS Cohort Study. (2011). 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 and STDs*, *25*(7), 413-422.
   PMID: 21992620. http: //www.ncbi.nlm.nih.gov/pubmed/21992620

7. Griner, R., Williams, P. L., Read, J. S., Seage III, G. R., Crain, M., Yogev, R., & Hazra, R., for the Pediatric HIV/AIDS Cohort Study. (2011). In utero and postnatal exposure to antiretrovirals among HIV-exposed but uninfected children in the United States, *AIDS Patient Care and STDs*, *25*(7), 385-394.
   PMID: 21992592. http: //www.ncbi.nlm.nih.gov/pubmed/21992592

8. Crain, M. J., Williams, P. L., Griner, R., Tassiopoulos, K., Read, J. S., Mofenson, L. M., & Rich, K. C., for the Pediatric HIV-AIDS Cohort Study. (2011). Point-of-care capillary blood lactate

measurements in human immunodeficiency virus-uninfected children with in utero exposure to human immunodeficiency virus and antiretroviral medications, *Pediatric Infectious Disease Journal, 30*(12), 1069-1074.
PMID: 22051859. http: //www.ncbi.nlm.nih.gov/pubmed/22051859

9. Geffner, M. E., Patel, K., Miller, T. L., Hazra, R., Silio, M., Van Dyke, R. B., Borkowsky, W., Worrell, C., Dimeglio, L. A., & Jacobson, D. L., for the Pediatric HIV/AIDS Cohort Study. (2011). Factors associated with insulin resistance among children and adolescents perinatally infected with HIV-1 in the pediatric HIV/AIDS cohort study, *Hormone Research in Paediatrics, 76*(6), 386-391.
PMID: 22042056. http: //www.ncbi.nlm.nih.gov/pubmed/22042056

10. Jacobson, D. L., Patel, K., Siberry, G. K., Van Dyke, R. B., DiMeglio, L. A., Geffner, M. E., Chen, J. S., McFarland, E. J., Borkowsky, W., Silio, M., Fielding, R. A., Siminski, S., & Miller, T. L. (2011). 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, *American Journal of Clinical Nutrition*, 94(6), 1485-1495.
PMID: 22049166. http: //www.ncbi.nlm.nih.gov/pubmed/22049166

11. 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., & Jacobson, D., for the Pediatric HIV/AIDS Cohort Study (PHACS). (2011). Metabolic abnormalities and viral replication are associated with biomarkers of vascular dysfunction in HIV-infected children, *HIV Medicine, 13*(5), 264-275.
PMID: 22136114. http: //www.ncbi.nlm.nih.gov/pubmed/22136114

12. Rice, M. L., Buchanan, A. L., Siberry, G. K., Malee, K. M., Zeldow, B., Frederick, T., Purswani, M. U., Hoffman, H. J., Sirois, P. A., Smith, R., Torre III, P., Allison, S. M., & Williams, P.L. (2012). Language impairment in children perinatally infected with HIV compared to children who were HIV-exposed and uninfected, *Journal of Developmental and Behavioral Pediatrics, 33*(2), 112-123.
PMID: 22179050. http: //pag.aids2010.org/Abstracts.aspx?AID=11111

13. Siberry, G. K., Leister, E., Jacobson, D. L., Foster, S. B., Seage III, G. R., Lipshultz, S. E., Paul, M. E., Purswani, M., Colin, A. A., Scott, G., & Shearer, W. T. (2012), Increased risk of asthma and atopic dermatitis in perinatally HIV-infected children and adolescents, *Clinical Immunology, 142*(2), 201-208.
PMID: 22094294. http: //www.ncbi.nlm.nih.gov/pubmed/22094294

14. Siberry, G. K., Williams, P. L., Mendez, H., Seage III, G. R., Jacobson, D. L., Hazra, R., Rich, K. C., Griner, R., Tassiopoulos, K., Kacanek, D., Mofenson, L. M., Miller, T., Dimeglio, L. A., & Watts, D. H., for the Pediatric HIVAIDS Cohort Study (PHACS). (2012). Safety of tenofovir use during pregnancy: early growth outcomes in HIV-exposed uninfected infants, *AIDS*, epublished ahead of print.
PMID: 22382151. http: //www.ncbi.nlm.nih.gov/pubmed/22382151?dopt=abstract

Abstracts

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. (2008, October). *Behavioral and emotional risks among children and adolescents with perinatal HIV exposure and HIV infection* (abstract). NIMH Annual International Research Conference on the Role of Families in Preventing and Adapting to HIV/AIDS, Providence, RI (abstract #34).

2. Jacobson, D. L., DiMeglio, L. A., Hazra, R., Geffner, M., Van Dyke, R., Borkowsky, W., Patel, K., McFarland, E., Chen, J., Miller, T. L., & Pediatric HIV/AIDS Cohort Study. (2009, February). *Clinical determinants of bone mineral density (BMD) in perinatally HIV-infected children*. Poster session presented at the 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009), Montreal, Canada (poster #911).

3. Miller, T., Jacobson, D., Mendez, A., Hazra, R., Geffner, M., Siberry, G., Borkowsky, W., Patel, K., McFarland, E., Van Dyke, R., & Pediatric HIV/AIDS Cohort Study. (2009, February). *Biomarkers of vascular dysfunction in HIV-infected children with and without hyperlipidemia*. Poster session presented at the 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009), Montreal, Canada (poster #917).

4. Rice, M., Williams, P., Malee, K., Gravel, J., Hoffman, H., Siberry, G., Buchanan, A., Purswani, M., Smith, R., Sirois, P., & Pediatric HIV/AIDS Cohort Study. (2009, February). *Language impairment in 7- to 16-year-old perinatally HIV-infected children*. Poster session presented at the 16th Conference on Retroviruses and Opportunistic Infections (CROI), Montreal, Canada (poster #919).

5. Siberry, G., Patel, K., Burchett, S., Bacon, M., Hazra, R., Read, J., Seage, G., Mofenson, L., Chernoff, M., & Van Dyke, R., for the Pediatric HIV/AIDS Cohort Study. (2009, February). *Discontinuation of antiretroviral therapy among children with perinatally-acquired HIV infection*. Poster session presented at the 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009), Montreal, Canada (poster #900).

6. Van Dyke, R. B., Patel, K., Read, J. S., Chernoff, M., Mofenson, L., Siberry, G., Burchett, S., Mendez, H., Rodriguez, Z., & Seage III, G. R., for the Pediatric HIV/AIDS Cohort Study. (2009, February). *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 (PHACS) Adolescent Master Protocol (AMP)*. Poster session presented at the 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009), Montreal, Canada (poster #901).

7. Geffner, M., Jacobson, D., Miller, T., DiMeglio, L., Hazra, R., Siberry, G., Borkowsky, W., Patel, K., McFarland, E., Chen, J., Worrell, C., & Van Dyke, R. (2009, May). *Insulin resistance in adolescents with perinatally-acquired HIV infection*. Paper presented at the Pediatric Academic Societies Annual Meeting, Baltimore, MD (abstract #751886).

8. Crain, M. J., Brogly, S. B., Williams, P. L., Read, J. S., Mofenson, L. M., & Rich, K. C. (2009, May). *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*. Paper presented at the 2009 Pediatric Academic Societies Annual Meeting, Baltimore, MD (abstract #4351373).

9. Tassiopoulos, K., Seage, G., Mellins, C., Hazra, R., Malee, K., & Moscicki, B. (2009, May). *Sexually active perinatally HIV-infected children and adolescents in the PHACS AMP Cohort*. Paper

presented at the 2009 Pediatric Academic Societies Annual Meeting, Baltimore, MD (abstract #752737).

10. Tassiopoulos, K., Borek, N., Brogly, S., Brouwers, P., Lester, B., Read, J. S., Rich, K., Spector, S., Yogev, R., & Seage III, G. R. (2009, May). *Disclosure of maternal substance use during pregnancy by HIV-infected women.* Paper presented at the 2009 Pediatric Academic Societies Annual Meeting, Baltimore, MD (abstract #753478).

11. Williams, P. L., Van Dyke, R., Seage III, G. R., Griner, R., Jacobson, D. L., Brogly, S., Tassiopoulos, K., Huo, Y., Hazra, R., Siberry, G., Read, J. S., Mofenson, L., & Rich, K., for the PHACS Team. (2009, March). *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 (abstract #66).

12. Lipshultz, S., Williams, P., Shearer, W. T., Rich, K., Leister, E., Hazra, R., Kaltman, J., Jacobson, D., Dooley, L., Wilkinson, J. D., Scott, G., & Colan, S., for the PHACS Study Team. (2009). Increased left ventricular and aortic dimensions in long-term multiagent antiretroviral therapy (ART)-treated HIV-infected children (abstract). *Circulation, 120*, S909 (abstract #4037).

13. Kapetanovic, S., Leister, E., Nichols, S., Miller, T., Tassiopoulos, K., Hazra, R., Mendez, A., Brouwers, P., Malee, K., & Williams, P., for the Pediatric HIV/AIDS Cohort Study (PHACS). (2010, February). *Association of vascular biomarkers with neurodevelopmental outcomes in children with perinatally acquired HIV infection*. Poster session presented at the 17th Conference on Retroviruses and Opportunistic Infections (CROI 2010), San Francisco, CA (poster #862).

14. Griner, R., Williams, P., Read, J., Seage, G., Crain, M., Yogev, R., Hazra, R., & Rich, K., for the Pediatric HIV/AIDS Cohort Study (PHACS). (2010, February). *Prenatal exposure to antiretrovirals among HIV-exposed but uninfected children: Surveillance Monitoring for ART Toxicities (SMARTT) Study*. Poster session presented at the 17th Conference on Retroviruses and Opportunistic Infections (CROI 2010), San Francisco, CA (poster #921).

15. Smith, R., Chernoff, M., Rutstein, R., Malee, K., Garvie, P., Kammerer, B., Nichols, S., Sirois, P. A., Usitalo, A., & Wilkins, M., for the Pediatric HIV/AIDS Cohort Study (PHACS). (2010, February). *The long-term impact of HIV disease severity on cognitive and adaptive functioning during childhood and adolescence.* Poster session presented at the 17th Conference on Retroviruses and Opportunistic Infections (CROI 2010), San Francisco, CA (poster #861).

16. Jacobson, D. L., Patel, K., Van Dyke, R., Hazra, R., DiMeglio, L. A., Geffner, M., Siminski, S., McFarland, E., & Miller, T., for the Pediatric HIV/AIDS Cohort Study (PHACS). (2010, February). *Differences in body fat distribution in HIV-infected versus HIV-uninfected children*. Poster session presented at the 17th Conference on Retroviruses and Opportunistic Infections (CROI 2010), San Francisco, CA (poster #868).

17. Williams, P., Leister, E., Rich, K., Siberry, G., Colan, S., Seage, G., Jacobson, D., Dooley, L., Shearer, W., Van Dyke, R., Wilkinson, J., & Lipshultz, S., for the Pediatric HIV/AIDS Cohort Study (PHACS). (2010, March). *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*. Paper presented at the 14th International Workshop on Observational Databases, Sitges, Spain (abstract #6).

18. Usitalo, A., Allison, S., Leister, E., Malee, K., Mellins, C., Paul, M., Seage III, G., Smith, R., Tassiopoulos, K., & Van Dyke, R., for the Pediatric HIV/AIDS Cohort Study (PHACS). (2010, May). *Relationship between viral load and behavioral measures of medication adherence among children and adolescents with HIV infection*. Paper presented at the 2010 Pediatric Academic Societies Annual Meeting, Vancouver, Canada (abstract #E-PAS2010: 1145.3).

19. Mellins, C. A., Tassiopoulos, K., Malee, K. M., Moscicki, A.-B., Patton, D. E., Smith, R., Usitalo, A, Allison, S., & Seage III, G. R., for the Pediatric HIV/AIDS Cohort Study. (2010, July). *Risk behavior in perinatally HIV-infected youth: co-morbidity of mental health problems, sexual and drug use behavior, and non-adherence to antiretroviral therapy*. Paper presented at the 18th International AIDS Conference, Vienna, Austria (abstract #WEAD0303).

20. Buchanan, A., Rice, M., Siberry, G., Malee, K., Frederick, T., Purswani, M., Hoffman, H., Sirois, P., Smith, R., & Williams, P., for the Pediatric HIV/AIDS Cohort Study. (2010, July). *Language impairment in perinatally HIV-infected children and adolescents as compared to uninfected HIV-exposed children in the Pediatric HIV/AIDS Cohort Study (PHACS)*. Paper presented at the 18th International AIDS Conference, Vienna, Austria (abstract #WEPE0074).

21. Siberry, G., Williams, P., Mendez, H., Seage III, G., Jacobson, D., Hazra, R., Rich, K., Griner, R., Tassiopoulos, K., Kacanek, D., Mofenson, L., & Watts, D. H., for the Pediatric HIV/AIDS Cohort Study. (2010, July). *Safety of tenofovir use during pregnancy: associations with low birth weight and early growth in HIV-exposed uninfected infants*. Paper presented at the 18th International AIDS Conference, Vienna, Austria (abstract #WEAX0103).

22. Lipshultz, S. E., Leister, E., Shearer, W. T., Rich, K., Van Dyke, R., Colan, S. D., Siberry, G., Jacobson, D., Kaltman, J., Dooley, L., Seage, G., Spector, S., Wilkinson, J. D., Williams, P. (2010). 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 (abstract). *Circulation, 122* (abstract #16026).

23. Purswani, M., Patel, K., Kopp, J., Scott, G., Hazra, R., Siberry, G., Van Dyke, R., Chernoff, M., Mofenson, L., Seage, G. (2010, February). *Decreased prevalence of proteinuria among treatment-experienced children and adolescents with perinatal HIV-1 infection*. Paper presented at the 18th Conference on Retroviruses and Opportunistic Infections (CROI 2011), Boston, MA (abstract #698).

24. Williams, P., Buchanan, A., Frederick, T., Smith, R., Malee, K., Purswani, M., Sirois, P., Siberry, G., Hoffman, H., Rice, M., & Pediatric HIV/AIDS Cohort Study. (2011, February). *Association of in utero ARV exposure with late language emergence in HIV-uninfected children born to mothers with HIV*. Paper presented at the 18th Conference on Retroviruses and Opportunistic Infections (CROI 2011), Boston, MA (abstract #751).

25. Williams, P., Rich, K., Kacanek, D., Mendez, H., Hazra, R., Griner, R., Mofenson, L., & Watts, H., for the Pediatric HIV/AIDS Cohort Study (PHACS). (2011, March). *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.

26. Williams, P., Wilkinson, J., Zeldow, B., Shearer, W., Colan, S., Leister, E., Siberry, G., Dooley, L., Scott, G., Rich, K., & Lipshultz, S. (2011, May). *Association of cardiac biomarkers with maternal antiretroviral use in HIV-exposed but uninfected children*. Poster session prepresented at the Pediatric Academic Society Meeting, Denver, CO (abstract #206).

27. Sirois, P. A., Nozyce, M. L., Huo, Y., Malee, K., Smith, R., Garvie, P. A., Harris, L., Hunter, S., Kammerer, B., Nichols, S. L., Rich, K., Rozelman, H., Silverman, N., Van Dyke, R., & Williams, P. L., for the Pediatric HIV/AIDS Cohort Study. (2011, May). *Safety of in utero exposure to antiretroviral medications: developmental outcomes in infants*. Poster session presented at the Association for Psychological Science Annual Convention, Washington, DC (poster #V-143).

28. Tassiopoulos, K., Moscicki, A. B., Mellins, C. A., Kacanek, D., Malee, K., Allison, S., Hazra, R., Siberry, G., Smith, R., Van Dyke, R., Paul, M., Seage, G. R., for the Pediatric HIV/AIDS Cohort Study. (2011, July). *Sexual risk behavior among perinatally HIV-infected youth in the US: predictors and implications for intervention development*. Poster session presented at the 3rd International Workshop on HIV Pediatrics, Rome, Italy.

29. Tassiopoulos, K., Moscicki, B., Mellins, C., Kacanek, D., Malee, K., Allison, S., Hazra, R., Siberry, G., Smith, R., Van Dyke, R., Paul, M., Seage, G. (2011, July). *Sexual risk behavior among perinatally HIV-infected youth in the US: Predictors and implications for intervention development*. Paper presented at the 6th IAS Conference on HIV Pathogenesis, Treatment and Prevention, Rome, Italy (abstract #MOLBPE036).