

CURRICULUM VITAE

Emily Anne Barr, PhD, CPNP-PC, CNM, RN  
Department of Research Cizik School of Nursing  
University of Texas Health Science Center Houston  
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**EDUCATION**

<b>Degree</b>	<b>Institution and Program</b>	<b>Date</b>
PhD	University of Colorado, College of Nursing Aurora, CO	2021
Certificate	Nursing Education	2019
Certificate	Caritas Coach Educational Program	2017
Post-Masters Certificate	SUNY Stony Brook Stony Brook, NY Post-Masters Certificate in Nurse Midwifery	1999
MSN	Yale University School of Nursing New Haven, CT PNP-Chronic Illness Track with Honors	1997
BS	Cornell University Ithaca, NY Communication Arts (Scientific Writing) African American Studies (minor concentration) Dean's List	1990

**LICENSURE AND CERTIFICATIONS**

Texas registered Nurse License # 1096830	Active through November 2024
Colorado Registered Nurse License # RN.0130662	Active through September 2023
Pediatric Nurse Practitioner License # APN.0003999-NP (#97211)	Active through September 2023
Nurse Midwife License # APN.003998-CNM (#9831)	Active through September 2023
RX Authority License # RXN.0004031-NP	Active through September 2023
Basic Life Support	Current

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**PROFESSIONAL ACADEMIC EXPERIENCE**

Cizik School of Nursing Department of Research UTHealth Houston Houston, TX	Assistant Professor	2022-present
University of Colorado School of Medicine Pediatric Infectious Disease Children's Hospital Colorado Children's Hospital Immunodeficiency Program Aurora, CO	Assistant Professor	2020-2022
University of Colorado College of Nursing Aurora, CO	Senior Faculty Fellow	2020-2021
University of Colorado School of Medicine Pediatric Infectious Disease Children's Hospital Colorado Children's Hospital Immunodeficiency Program Aurora, CO	Senior Instructor with Distinction	2009-2020
University of Colorado College of Nursing Aurora, CO	Faculty Fellow	2019-2020
University of Colorado College of Nursing Aurora, CO	Adjunct Faculty	2017-Present
University of Colorado School of Medicine Pediatric Infectious Disease Children's Hospital Colorado Children's Hospital Immunodeficiency Program Aurora, CO	Senior Instructor	2008-2009
Syracuse University School of Social Work Syracuse, NY	Adjunct Faculty	1997-2001

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**Professional Clinical Experience**

University of Colorado School of Medicine Pediatric Infectious Disease Children’s Hospital Children’s Hospital Immunodeficiency Program Aurora, CO	Nurse Practitioner and Midwife (same position with an institution-wide shift of all APPs to School of Medicine)	2009-2022
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Children’s Hospital Colorado Pediatric Infectious Disease Children’s Hospital Immunodeficiency Program Aurora, CO	Nurse Practitioner and Midwife	2001-2008
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SUNY Upstate Medical University Pediatric Infectious Disease and Immunology Syracuse, NY	Nurse Practitioner and Midwife	1997-2001
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Yale-New Haven Hospital Maternity New Haven, CT	RN Lactation Consultant	1996-1997
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Yale-New Haven Hospital Level II NICU New Haven, CT	Graduate Nurse Assistant II	1995-1996
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**Research Experience**

University of Colorado College of Nursing		2021
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Dissertation: “Trust Telehealth, and Transition: Factors Affecting Patient-Provider Trust in Telehealth, and Health Care Transition in Young Adults with HIV During COVID-19 Pandemic”

Yale University School of Nursing		1997
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Thesis: “A Qualitative and Quantitative Analysis of Factors Affecting Coping tyles of HIV Positive Mothers Caring for their HIV Infected Children”

<b>Organization</b>	<b>Research Role</b>	<b>Date</b>
University Colorado College of Medicine Pediatric Infectious Disease Children’s Hospital Colorado Aurora, CO	Clinical Research Program Manager, HIV Treatment and Prevention, Childhood Immunizations, COVID Studies, managed research staff and all related activities	2007-2022

Multi-Center Clinical Trials: IMPAACT, PHACS, ATN, HPTN MTN, COVPN, Industry, and	Lead Study Coordinator Project Manager Supervisor	2007-2022
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 Local PI Initiated Studies

Pediatric HIV/AIDS Cohort Study	Protocol Team Member:	
PHACS Studies	HOPE Protocol	2019-Present
	Women's Cohort Study	2017-2022
	AMP UP Lite:	2016-2022
	Adolescent Master Protocol for Young Adults Living with HIV	
IMPAACT Studies:	Protocol Team Member:	Phase:
2026 Pharmacokinetic Properties of Antiretroviral Drugs During Pregnancy		Enrolling
P1026 Pharmacokinetic Properties of ARVs During Pregnancy		Analysis
2021 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Enrolling
2018 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Analysis
2013 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Manuscript
2012 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Manuscript
2011 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Manuscript
2000 Phase I RSV RCT Placebo Controlled Vaccine Study in Infants		Completed
P1084S Maternal and Infant Monitoring for Evidence of Toxicity Related to Tenofovir Exposure: The Bone and Kidney Health Substudy of the IMPAACT 1077 PROMISE Protocol		Completed
Maternal and Infant Monitoring for Toxicity Related to Tenofovir Exposure: The Bone and Kidney Health Substudy of SMARTT		Completed
P1025 Perinatal Core Protocol		Manuscript
P1060 Phase II, Parallel, Randomized, Clinical Trials Comparing the Responses to Initiation of NNRTI-Based vs PI-Based Antiretroviral Therapy in HIV-Infected Infants Who Have and Have Not Previously Received Single Dose Nevirapine for Prevention of Mother-To-Child Transmission at multiple sites in Africa		Manuscript
PACTG1041 A Randomized, Double Blind, Placebo Controlled Trial to Determine The Efficacy of INH in Preventing TB Disease and Latent TB Infection Among South African Infants with Perinatal Exposure to HIV		Completed
P1010 Effects of ARVs on Body Composition in HIV-Infected Children Issues Affecting Adherence in HIV Positive Adolescents		Completed

**Written Clinical Practice Guidelines**
**Specific to the Children's Hospital Colorado Immunodeficiency Program and University of Colorado**

Care of the Pregnant Woman with HIV – co-author	2008, 2012, 2019
Care of the Pediatric Patient with HIV – co-author	2007, 2011, 2018
Care of the High-Risk Newborn Exposed to HIV – co-author	2008, 2012, 2019
Care of the Pediatric International Adoptee, Immigrant or Refugee with HIV – lead author	2010, 2014, 2020
Breastfeeding with HIV – co-author	2017, 2019, 2020
Transition from Adolescent to Adult HIV Care - grant funded to develop/implement protocol over 5 years – lead author	2017-2022

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**International Experience**

2026 International Educator for New Site Start-up	Virtual	2021
P1026 International Educator for New Site Start-up	Washington, D.C.	2005-2019
Consultant to multiple orphanages and clinics providing HIV care to women and children	Addis Ababa Soddo, Ethiopia	2011 2011
P1060 IMPAACT Protocol Start-Up Training Centers For Infectious Disease Research	Lusaka, Zambia	2007
P1060 IMPAACT Protocol Start-Up Training	Kampala, Uganda Makerere University Johns Hopkins University	2007
Introduction to PACTG, Research and PACTG 1041	Durban, South Africa	2005
Nursing and CAB Workshop on Caring for Families Affected by HIV	Cape Town, South Africa	2005
Botswana-Baylor Children’s Clinical Center of Excellence Adherence Counselor	Gaborone, Botswana	2005
Management of Paediatric and Perinatal HIV Infection in the Age of Antiretroviral Therapy	Cape Town, South Africa	2004
Liceul Teologic Baptist Nursing School HIV Treatment, Adherence, and PMTCT	Arad, Romania	2003

**Awards and Honors**

International Honors Program – School for International Training	1989
Dean’s List- Cornell University	1989-1990
Leopold Schepp Foundation Scholarship Yale School of Nursing	1995-1997
Hunter-Grubb Foundation Scholarship Yale School of Nursing	1995-1997
Student Marshall Yale School of Nursing – graduation speaker	1995-1997
Virginia Henderson Scholarship	1997
Sigma Theta Tau Honors Society	1997
National Anemia Case Study Scholarship Award	2004
Association of Nurses in AIDS Care	
Children’s Hospital Colorado DAISY Award for Excellence in Nursing (Inaugural recipient)	2006
Barbara Anne Quarantillo Senior Instructor with Distinction Award (Inaugural recipient)	2009
PHACS National Award – Best Performing Site -Retention on Longitudinal Study	2011
Lagniappe National Award	2011
“Outstanding service as a lead study coordinator and the generous contribution of expertise to the overall success of the Pediatric HIV/AIDS Cohort Study”	
Children’s Hospital Colorado Pillar Award for Outstanding Achievement	2014
PHACS National Outstanding Site Award	2014
“Best performing PHACS Site” – University of Colorado	

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Camp Round Up River Ranch Award for Excellence in Volunteerism	2015
University of Colorado College of Nursing Alumni Scholarship Award	2017
University of Colorado College of Nursing Dean’s Early Scholar Award	2017
IMPAACT International Award	2018
“Innovation in regulatory organization and tracking – CREST”	
University of Colorado College of Nursing Alumni Scholarship	2018
IMPAACT National Award for Highest Enrolling Domestic Site	2017
	2018
	2019
ANA: Statewide Colorado Council on Nursing Education Nurse Educator Award	2019
PHACS National Annual Award: Excellence in Study Coordination	2019
“For going above and beyond in supporting PHACS research and site staff”	
University of Colorado Pediatric Research Scholarship	2020
University of Colorado Alumni Teaching Award	2020
ANA: Statewide Colorado Council on Nursing Education Nurse Educator Award	2020
National Award for Excellence in Service to the Pediatric HIV/AIDS Cohort	2022
Study “Outstanding Contributions to the Study, Participants, and Research Community”	
McGovern Writing Fellow – inaugural class	2022-2023
Research Impact Award – <i>Researcher of the Year</i> ANAC 2022 International Award	2022
Association of Nurses in AIDS Care	

### **Professional Affiliations**

Colorado Nurses Association/ANA (Past Member)  
 American Nurses Association / ANA  
 Watson Caring Science Institute Member  
 National Association of Pediatric Nurse Associates & Practitioners  
 National Association of Nurses in AIDS Care  
 Sigma Theta Tau International  
 American College of Nurse Midwives  
 Society for Adolescent Health and Medicine

### **Committees and Leadership**

<b>Organization</b>	<b>Date</b>
<i>Pediatric AIDS Clinical Trials Group (PACTG)</i>	
PACTG International Adherence Subcommittee	2002-2003
PACTG International Adherence Working Group	2003-2013
PACTG International Field Representative Working Group	2002-2006
Department of Education Committee-The Children’s Hospital Colorado	2003-2009
PACTG International Immunology and Vaccine Subcommittee	2004-2006
PACTG International Behavioral and CNS Committee	2004-2006
Association of Nurses in AIDS Care: Rocky Mountain Chapter	
President	2004-2005
President-Elect	2003-2004

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Secretary	2002-2003
Risk Reduction, Counseling and Testing Working Group- HANC	2007-2009
Safety and EAE Working Group- HANC	2007-2009
IMPAACT International Field Representative Subcommittee	2006-2013
IMPAACT International Training and Education Committee	2007-2013
IMPAACT International Protocol Development/Monitoring Committee	2007-2014
PHACS National Cardiology/Pulmonology Working Group	2007-2012
IMPAACT International Field Representative Committee Chair (Funded 15%FTE)	2013-2014
Childrens Hospital Colorado Cross Cultural Health Care Committee	2009-2015
PHACS National Study Coordinators Committee Co-Chair	2013-2019
PHACS National Complications Working Group	2012-2022
PHACS National Site Evaluation Committee	2007-2022
CHCO Caritas Council Steering Committee	2017-2022
CHCO Health Literacy Steering Committee	2015-2022
CHCO Transition to Adult Care Committee	2019-2022
PHACS Study Coordinators Committee National Chair	2019-2021
CHCO Wellness Peer Mentor Program- section lead	2019-2022
HANC International Study Coordinators Working Group	2009-Present
PHACS National Women's Health Cohort Committee	2017-Present
PHACS National COVID Task Force Working Group	2020-Present
UTHealth Houston – MD Anderson Population Health Initiative	2022-Present

### **Teaching Experience**

UTHealth Cizik School of Nursing

Co-instructor

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|---|------------------------|
| 1. Writing for Publication (2223NURS6854-100)         | Fall 2022              |
| 2. Research Planning and Implement (2223NURS7552B180) | Spring 2023, Fall 2022 |

University of Colorado College of Nursing

Senior Faculty Fellow

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| 1. Evidence Based Practice and Nursing Research - Graduate Level  | 2020 & 2021 |
| 2. Evidence Based Practice and Nursing Research - BSN Accelerated | 2020 & 2021 |

Preceptor and Adjunct Faculty University of Colorado College of Nursing

2005 - 2007,  
2012, 2015,  
2017 - 2020

Guest Lecturer

University of Colorado College of Nursing

2001-Present

- Well Child: Primary Care, Well Adolescent Care, Immunizations, STIs, Viruses, Child Development
- Chronic Illness: HIV, HIV and Viral Illness in Pregnancy, Stigma, Disclosure, International Adoption, International Health Care and

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Research in Limited Settings		
IMPAACT International P1026 Training	Virtual-International	May 2021
National PHACS Study Coordinator Annual Retreat		
<i>Organizer and lead educator for study coordinators for annual all-day research retreat</i>		
	Bethesda, MD	2013-2019
HIV+ Childbirth Educator	Aurora, CO	2002-2022
IMPAACT International P1026 Training	Washington, D.C.	2017
IMPAACT International 2017 and 2018 RSV Study Training		
	Washington, D.C.	2017
RSV Vaccine Study Training	Johns Hopkins University	2016, 2017
HIV Research in International Settings	University of Colorado School of Epidemiology	2008
IMPAACT Biometric Training	International training: Developed and led the seminar	2007-2008
Guest Lecturer	Syracuse University	1997-2001
HIV and Chronic Illness Care	School of Social Work	
<b><u>Volunteer and Community Service</u></b>		
<b>Organization</b>	<b>Position</b>	<b>Date</b>
Round Up River Ranch – Camp Hole in the Woods	Medical Board of Advisors	2008-Present
Colorado Ethiopian Adoption Group	Founder and Moderator	2005-2022
Ethiopian Orphan Relief	HIV Specialist	2008-2015
HIV to Home Adoption Organization	Board Member	2008-2012
Global Hope- HIV Center -Arad, Romania	Medical Consultant	2002-2007
AIDSWALK	Annual Volunteer	2001-2006
Camp Hole in the Woods	Medical Volunteer	1998-2001
CHILD Coalition, Syracuse, NY	Member and RN	1997-2001
Childcare Co-op, New Haven, CT	RN	1996-1997
Yale School of Nursing Newsletter	Editor	1995-1997
Yale School of Nursing Student Government	Secretary	1995-1997
Special Olympics World Games	Medical Volunteer	1995
AIDSWORK of Ithaca	Volunteer Buddy to HIV+ Women	1992-1996
The Names Project	Volunteer	1991, 1992
Starcross Community	Fulltime Volunteer Childcare Provider to HIV+ Children	1990-1991
The Cornell Countryman Cornell University	Editor	1990
Cornell University Yearbook	Copy writer	1989-1990
Racial Awareness Pilot Project Cornell University	Selected member	1989-1990

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## **Publications, Posters and Abstracts**

### **Books**

1. Swanson, B. ANAC's Core Curriculum for HIV/AIDS Nursing 3rd Edition. Association of Nurses in AIDS Care Pediatric Case Study. **Emily Barr**. Jones & Bartlett Learning; 3 edition (July 20, 2009)
2. Watson, J., & Watson, J. (2019). *Miracles and Mysteries: Witnessed by Nurses* (J. Watson Ed.). Boulder, Colorado: Lotus Library. (Contributing Author)
3. Rosa, W., S. Horton-Deutsch and J. Watson (2019). A handbook for caring science : Expanding the paradigm. New York, NY, Springer Publishing Company, 1 online resource. (Contributing author)
4. Watson, J. (2020). *Caring: a Passage to Heart: An Anthology of Caritas Processes Experienced* (Clayton, M. Ed.). Boulder, Colorado: Lotus Library. (Contributing author)

### **Journal Publications**

1. **Hoffman, E. A.** (1990). Introducing Southern Africa. *Cornell Countryman*, 87(5), 9-10.
2. **Hoffman, E. A.** (1990). The science of teaching. *Cornell Countryman*, 87(6), 10-11.
3. **Hoffman, E. A.** (1990). Evaluating Cornell. *Cornell Countryman*, 88(1), 22-23.
4. Weinberg, A., Forster-Harwood, J., McFarland, E. J., Pappas, J., Davies, J. K., Kinzie, K., **Barr, E. A.**, Paul, S. M., Salbenblatt, C. R., Soda, E., Vazquez, A., & Levin, M. J. (2009). Resistance to antiretrovirals in HIV-infected pregnant women. *Journal of Clinical Virology*, 45(1), 39-42. <https://doi.org/10.1016/j.jcv.2009.02.009>
5. Weinberg, A., Harwood, J. E., McFarland, E. J., Pappas, J., Davies, J., Kinzie, K., **Barr, E.**, Paul, S., Salbenblatt, C., Soda, E., Vazquez, A., Peloquin, C. A., & Levin, M. J. (2009). Kinetics and determining factors of the virologic response to antiretrovirals during pregnancy. *Infectious Diseases in Obstetrics and Gynecology*, 2009, 621780. <https://doi.org/10.1155/2009/621780>
6. Weinberg, A., Forster-Harwood, J., Davies, J., McFarland, E. J., Pappas, J., Kinzie, K., **Barr, E.**, Paul, S., Salbenblatt, C., Soda, E., Vazquez, A., & Levin, M. J. (2011). Safety and tolerability of antiretrovirals during pregnancy. *Infectious Diseases in Obstetrics and Gynecology*, 2011, 867674. <https://doi.org/10.1155/2011/867674>
7. Stek, A. M., Best, B. M., Luo, W., Capparelli, E., Burchett, S., Hu, C., Li, H., Read, J. S., Jennings, A., **Barr, E.**, Smith, E., Rossi, S. S., & Mirochnick, M. (2012). Effect of pregnancy on emtricitabine pharmacokinetics. *HIV Medicine*, 13(4), 226-235. <https://doi.org/10.1111/j.1468-1293.2011.00965.x>
8. Gardenier, D., Koslap-Petraco, M., & **Barr, E.** (2015). Should Vaccination be Mandatory for Preschool Attendance? *The Journal for Nurse Practitioners*, 11(8), 764-765.
9. Siberry, G. K., Jacobson, D. L., Kalkwarf, H. J., Wu, J. W., DiMeglio, L. A., Yogev, R., Knapp, K. M., Wheeler, J. J., Butler, L., Hazra, R., Miller, T. L., Seage, G. R., 3rd, Van Dyke, R. B., **Barr, E.**, Davtyan, M., Mofenson, L. M., Rich, K. C., & Pediatric, H. I. V. A. C. S. (2015). Lower Newborn Bone Mineral Content Associated With Maternal Use of Tenofovir Disoproxil Fumarate During Pregnancy. *Clin Infect Dis*, 61(6), 996-1003. <https://doi.org/10.1093/cid/civ437>
10. Smith, C., Forster, J. E., Levin, M. J., Davies, J., Pappas, J., Kinzie, K., **Barr, E.**, Paul, S., McFarland, E. J., & Weinberg, A. (2015). Serious adverse events are uncommon with combination neonatal antiretroviral prophylaxis: a retrospective case review. *PLoS One*, 10(5), e0127062. <https://doi.org/10.1371/journal.pone.0127062>
11. Olson, D., Moen, A., **Barr, E.**, Mirsky, D., Schreiner, T., & Abzug, M. J. (2015). An 8-Year-Old Boy With Ascending Paralysis. *J Pediatric Infect Dis Soc*, 4(4), 385-388. <https://doi.org/10.1093/jpids/piv034>

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12. Wolf, E. R., Beste, S., **Barr, E.**, Wallace, J., McFarland, E. J., Abzug, M. J., Darrow, J., & Melvin, A. (2016). Health Outcomes of International HIV-infected Adoptees in the US. *Pediatr Infect Dis J*, 35(4), 422-427. <https://doi.org/10.1097/INF.0000000000001020>
  13. Smith, C., Weinberg, A., Forster, J. E., Levin, M. J., Davies, J., Pappas, J., Kinzie, K., **Barr, E.**, Paul, S., & McFarland, E. J. (2016). Maternal Lopinavir/Ritonavir Is Associated with Fewer Adverse Events in Infants than Nelfinavir or Atazanavir. *Infectious Diseases in Obstetrics and Gynecology*, 2016, 9848041. <https://doi.org/10.1155/2016/9848041>
  14. Tassiopoulos, K., Patel, K., Alperen, J., Kacanek, D., Ellis, A., Berman, C., Allison, S. M., Hazra, R., **Barr, E.**, Cantos, K., Siminski, S., Massagli, M., Bauermeister, J., Siddiqui, D. Q., Puga, A., Van Dyke, R., & Seage, G. R., 3rd. (2016). Following young people with perinatal HIV infection from adolescence into adulthood: the protocol for PHACS AMP Up, a prospective cohort study. *British Medical Journal Open*, 6(6), e011396. <https://doi.org/10.1136/bmjopen-2016-011396>
  15. Barlow-Mosha, L., Angelidou, K., Lindsey, J., Archary, M., Cotton, M., Dittmer, S., Fairlie, L., Kabugho, E., Kamthunzi, P., Kinikar, A., Mbengeranwa, T., Msuya, L., Sambo, P., Patel, K., **Barr, E.**, Jean-Phillipe, P., Violari, A., Mofenson, L., Palumbo, P., & Chi, B. H. (2016). Nevirapine- Versus Lopinavir/Ritonavir-Based Antiretroviral Therapy in HIV-Infected Infants and Young Children: Long-term Follow-up of the IMPAACT P1060 Randomized Trial. *Clin Infect Dis*, 63(8), 1113-1121. <https://doi.org/10.1093/cid/ciw488>
  16. Buchholz, U. J., Cunningham, C. K., Muresan, P., Gnanashanmugam, D., Sato, P., Siberry, G. K., Rexroad, V., Valentine, M., Perlowski, C., Schappell, E., Thumar, B., Luongo, C., **Barr, E.**, Aziz, M., Yogev, R., Spector, S. A., Collins, P. L., McFarland, E. J., Karron, R. A., & International Maternal Pediatric Adolescent, A. C. T. P. S. T. (2018). Live Respiratory Syncytial Virus (RSV) Vaccine Candidate Containing Stabilized Temperature-Sensitivity Mutations Is Highly Attenuated in RSV-Seronegative Infants and Children. *Journal of Infectious Diseases*, 217(9), 1338-1346. <https://doi.org/10.1093/infdis/jiy066>
  17. McFarland, E. J., Karron, R. A., Muresan, P., Cunningham, C. K., Valentine, M. E., Perlowski, C., Thumar, B., Gnanashanmugam, D., Siberry, G. K., Schappell, E., **Barr, E.**, Rexroad, V., Yogev, R., Spector, S. A., Aziz, M., Patel, N., Cielo, M., Luongo, C., Collins, P. L., Buchholz, U. J., & International Maternal Pediatric Adolescent, A. C. T. S. T. (2018). Live-Attenuated Respiratory Syncytial Virus Vaccine Candidate With Deletion of RNA Synthesis Regulatory Protein M2-2 is Highly Immunogenic in Children. *Journal of Infectious Diseases*, 217(9), 1347-1355. <https://doi.org/10.1093/infdis/jiy040>
  18. Momper, J. D., Best, B. M., Wang, J., Capparelli, E. V., Stek, A., **Barr, E.**, Badell, M. L., Acosta, E. P., Purswani, M., Smith, E., Chakhtoura, N., Park, K., Burchett, S., Shapiro, D. E., Mirochnick, M., & Team, I. P. P. (2018). Elvitegravir/cobicistat pharmacokinetics in pregnant and postpartum women with HIV. *AIDS*, 32(17), 2507-2516. <https://doi.org/10.1097/QAD.0000000000001992>
  19. Mulligan, N., Best, B. M., Wang, J., Capparelli, E. V., Stek, A., **Barr, E.**, Buschur, S. L., Acosta, E. P., Smith, E., Chakhtoura, N., Burchett, S., Mirochnick, M., & Team, I. P. P. (2018). Dolutegravir pharmacokinetics in pregnant and postpartum women living with HIV. *AIDS*, 32(6), 729-737. <https://doi.org/10.1097/QAD.0000000000001755>
  20. Rough, K., Seage, G. R., 3rd, Williams, P. L., Hernandez-Diaz, S., Huo, Y., Chadwick, E. G., Currier, J. S., Hoffman, R. M., **Barr, E.**, Shapiro, D. E., Patel, K., Phacs, & the, I. P. S. T. (2018). Birth Outcomes for Pregnant Women with HIV Using Tenofovir-Emtricitabine. *New England Journal of Medicine*, 378(17), 1593-1603. <https://doi.org/10.1056/NEJMoa1701666>
  21. Cunningham, C. K., Karron, R., Muresan, P., McFarland, E. J., Perlowski, C., Libous, J., Thumar, B., Gnanashanmugam, D., Moye, J., Jr., Schappell, E., **Barr, E.**, Rexroad, V., Aziz, M., Deville, J., Rutstein, R., Yang, L., Luongo, C., Collins, P., Buchholz, U., & International Maternal Pediatric Adolescent, A. C. T. S. T. (2019). Live-Attenuated Respiratory Syncytial Virus Vaccine With Deletion of RNA Synthesis Regulatory Protein M2-2 and Cold Passage Mutations Is Overattenuated. *Open Forum Infect Dis*, 6(6), ofz212. <https://doi.org/10.1093/ofid/ofz212>
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22. McFarland, E. J., Karron, R. A., Muresan, P., Cunningham, C. K., Perlowski, C., Libous, J., Oliva, J., Jean-Philippe, P., Moye, J., Schappell, E., **Barr, E.**, Rexroad, V., Fearn, L., Cielo, M., Wiznia, A., Deville, J. G., Yang, L., Luongo, C., Collins, P. L., Buchholz, U. J., & International Maternal Pediatric Adolescent, A. C. T. S. T. (2020). Live-attenuated respiratory syncytial virus vaccine with M2-2 deletion and with SH non-coding region is highly immunogenic in children. *Journal of Infectious Diseases*. <https://doi.org/10.1093/infdis/jiaa049>
23. McFarland, E. J., Karron, R. A., Muresan, P., Cunningham, C. K., Libous, J., Perlowski, C., Thumar, B., Gnanashanmugam, D., Moye, J., Schappell, E., **Barr, E.**, Rexroad, V., Fearn, L., Spector, S. A., Aziz, M., Cielo, M., Beneri, C., Wiznia, A., Luongo, C., Collins, P., & Buchholz, U. J. (2020). Live Respiratory Syncytial Virus Attenuated by M2-2 Deletion and Stabilized Temperature Sensitivity Mutation 1030s Is a Promising Vaccine Candidate in Children. *Journal of Infectious Diseases*, 221(4), 534-543. <https://doi.org/10.1093/infdis/jiz603>
24. McFarland, E. J., Karron, R. A., Muresan, P., Cunningham, C. K., Perlowski, C., Libous, J., Oliva, J., Jean-Philippe, P., Moye, J., Schappell, E., **Barr, E.**, Rexroad, V., Fearn, L., Cielo, M., Wiznia, A., Deville, J. G., Yang, L., Luongo, C., Collins, P. L., & Buchholz, U. J. (2020). Live-Attenuated Respiratory Syncytial Virus Vaccine With M2-2 Deletion and With Small Hydrophobic Noncoding Region Is Highly Immunogenic in Children. *Journal of Infectious Diseases*, 221(12), 2050-2059. <https://doi.org/10.1093/infdis/jiaa049>
25. Raybin, J. L., **Barr, E.**, Krajicek, M., & Jones, J. (2020). How Does Creative Arts Therapy Reduce Distress for Children With Cancer? A Metasynthesis of Extant Qualitative Literature [Formula: see text]. *Journal of Pediatric Oncology Nursing*, 37(2), 91-104. <https://doi.org/10.1177/1043454219888807>
26. Brooks, K. M., Momper, J. D., Pinilla, M., Stek, A. M., **Barr, E.**, Weinberg, A., Deville, J. G., Febo, I. L., Cielo, M., George, K., Denson, K., Rungruengthanakit, K., Shapiro, D. E., Smith, E., Chakhtoura, N., Rooney, J. F., Haubrich, R., Espina, R., Capparelli, E. V., Mirochnick, M., Best, B. M., & Team, I. P. P. (2021). Pharmacokinetics of tenofovir alafenamide with and without cobicistat in pregnant and postpartum women living with HIV. *AIDS*, 35(3), 407-417. <https://doi.org/10.1097/QAD.0000000000002767>
27. **Barr, E. A.**, Raybin, J. L., Dunlevy, H., Abuogi, L., & Jones, J. (2021). Transition From Pediatric and Adolescent HIV Care to Adult HIV Care and the Patient-Provider Relationship: A Qualitative Metasynthesis. *Journal of the Association of Nurses in AIDS Care*. <https://doi.org/10.1097/JNC.000000000000239> (published online ahead of print)
28. Yee, L. M., Kacanek, D., Brightwell, C., Haddad, L. B., Jao, J., Powis, K., Yao, T. J., **Barr, E.**, Broadwell, C., Siminski, S., Seage iii, G. R., & Chadwick, E. G. (2021). Marijuana, opioid, and alcohol use among pregnant and postpartum individuals living with HIV in the United States. *JAMA Network Open*. 2021;4(12):e2137162. doi:10.1001/jamanetworkopen.2021.37162
29. Yee, L. M., Kacanek, D., Brightwell, C., Haddad, L. B., Jao, J., Powis, K. M., Yao, T.-J., **Barr, E.**, Siminski, S. M., Seage, G. R., & Chadwick, E. G. (2021). 216 Substance use during pregnancy and postpartum among women with perinatally-acquired HIV. *American journal of obstetrics and gynecology*, 224(2), S144-S144. <https://doi.org/10.1016/j.ajog.2020.12.238>
30. Brooks, K. M., Pinilla, M., Stek, A. M., Shapiro, D. E., **Barr, E.**, Febo, I. L., Paul, M. E., Deville, J. G., George, K., Knowles, K., Rungruengthanakit, K., Browning, R., Chakhtoura, N., Capparelli, E. V., Mirochnick, M., & Best, B. M. (2022). Pharmacokinetics of tenofovir alafenamide with boosted protease inhibitors in pregnant and postpartum women living with HIV: Results from IMPAACT P1026s. *Journal of Acquired Immune Deficiency Syndromes*. <https://doi.org/10.1097/QAI.0000000000002944>
31. **Barr, E.**, Raybin, J., Dunlevy, H., Abuogi, L., & Jones, J. (2022). Transition From Pediatric and Adolescent HIV Care to Adult HIV Care and the Patient-Provider Relationship: A Qualitative Metasynthesis. *Journal of the Association of Nurses in AIDS Care*, 33 (2), 132-154. doi: 10.1097/JNC.000000000000239.
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32. Cunningham, C. K., Karron, R. A., Muresan, P., Kelly, M. S., McFarland, E. J., Perlowski, C., Libous, J., Oliva, J., Jean-Philippe, P., Moye, J., Schappell, E., **Barr, E.**, Rexroad, V., Johnston, B., Chadwick, E. G., Cielo, M., Paul, M., Deville, J. G., Aziz, M., . . . International Maternal Pediatric Adolescent, IMPAACT (2022). Evaluation of Recombinant Live-Attenuated Respiratory Syncytial Virus Vaccines RSV/DeltaNS2/Delta1313/11314L and RSV/276 in RSV Seronegative Children. *J Infect Dis*. <https://doi.org/10.1093/infdis/jiac253>

### Posters and Abstracts

1. Childbirth Class for HIV Positive Pregnant Women and Their Partners
    - a. Abstract – Association of Nurses in AIDS Care – New Orleans, LA – November 2004
    - b. Poster Presentation – Social Work Conference – Toronto, Canada – March 2004
    - c. Poster Presentation – PACTG Meeting – Washington, D.C. – August 2003
  2. Kiser, J., Mawhinney, S., Kinzie, K., **Barr, E.**, Simon, A., Paul, S., Hoody, D., Fletcher, C., Allshouse, A., Weinberg, A., Total and Unbound Lopinavir/Ritonavir (LVP/RTV) Pharmacokinetics (PK) in a Concentration-Guided Study of HIV Infected Women Throughout Pregnancy and Post-Partum (PP). 16<sup>th</sup> Conference on Retroviruses and Opportunistic Infections; February 8-11, 2009, Montreal, Canada [Poster #946].
  3. Smith, C., McFarland, E., Forster-Harwood, J., Weinberg, A., Levin, M., Davies, J., Pappas, J., Kinzie, K., **Barr, E.**, Paul, S., Salbenblatt, C., and Vazquez, A. Infant Hematologic and Hepatic Toxicity Associated with Exposure to Different Maternal HAART. Poster session at the 49<sup>th</sup> Annual Meeting of Infectious Disease Society of America and the HIV Medicine Association; October 20-23, 2011, Boston, MA
  4. Zeldow, B., Kim, S., McSherry, G., **Barr, E.**, Coetzee, J., Cotton, M., Smuts, M., Violari, A., Bobat, R., Mitchell, C. Early Non-Adherence to Study Drug Associated with Increased Risk of Tuberculosis in Both INH and Placebo Groups of P1041. Presented at 4<sup>th</sup> International Workshop on HIV Pediatrics; July 21-22, 2012, Washington, D.C. [Poster #P\_104].
  5. Wolf, E., Beste, S., **Barr, E.**, Wallace, J., McFarland, E., Abzug, M., Darrow, J., Melvin, A. (2014) Health of HIV-Infected International Adoptees in the U.S. Abstract presented at 20<sup>th</sup> International AIDS Conference (AIDS 2014); July 20-25, 2014, Melbourne, Australia
  6. Olson, D., Moen, A., **Barr, E.**, Schreiner, T., Abzug, M. (2014) Case Presentation: 9 Year Old Boy with Acute Paralysis. Infectious Disease Society of America ID Week; October 8-12, 2014, Philadelphia, PA
  7. McFarland, E., Buchholz, U., Muresan, P., Cunningham, C., Luongo, C., Thumar, B., Collins, P., Perlowski, C., Schappell, E., Gnanashanmugam, M., Siberry, G., Rexroad, V., **Barr, E.**, Harding, P., Karron, R. and the IMPAACT Team 2000. High Infectivity of Recombinant Live-Attenuated Respiratory Syncytial Virus Vaccine (RSV LID ΔM2-2) in Infants and Children. *Open Forum Infect Dis* (Fall 2015) 2 (suppl 1)
  8. Wolf, E.R., Beste, S., **Barr, E.**, Wallace, J., McFarland, E. J., Abzug, M.J., Darrow, J., Melvin, A. (2015) Mental Health Behavior Issues, and Educational Needs of HIV-Infected International Adoptees. Poster presented at Annual Pediatric Academic Societies meeting; April 25-28, 2015, San Diego, CA
  9. Mulligan, N., Brookie, M., Best, B., Capparelli, E., Stek, A., **Barr, E.**, Smith, E., Chakhtoura, N., Wang, J., Burchet, S., Mirochnick, M. (2016) Dolutegravir Pharmacokinetics in HIV-Infected Pregnant and Postpartum Women. Poster presented at the 23<sup>rd</sup> Annual Conference on Retroviruses and Opportunistic Infections; February 22-25, 2016, Boston, MA
  10. Tassiopoulos, K., Patel, K., Alperen, J., Kacanek, D., Ellis, A., Berman, C., Allison, S.M., Hazra, R., **Barr, E.**, Cantos, K., Siminski, S., Massagli, M., Bauermeister, J., Siddiqui, D.Q., Puga, A., Van Dyke, R., Seage, G.R. (2016) Following Young People with Perinatal HIV Infection Through the Transition from Adolescence into Adulthood. Oral Abstract, International Workshop on HIV and Hepatitis Observational Databases; March 2016, Budapest, Hungary
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11. Paul, S., **Barr, E.**, Dunn, J., Kinzie, K., Ziniel, E., Trevis, L., McFarland, E. (2016) Implementing Telemedicine into the Children's Hospital Immunodeficiency Program (CHIP). Poster presentation at QI Conference Children's Hospital Colorado; July 11, 2016
  12. Boivin, M., Chernoff, M., Zimmer, B., Laughton, B., Joyce, C., McCarthy, K., Brouwers, P., Jean-Philippe, P., Lee, S., Coetzee, J., Violari, A., Cotton, M., Palumbo, P., and the **P1104s Study Team.** (2016) Neuropsychological Performance in African Children with HIV Enrolled in a Multi-Site Anti-Retroviral Clinical Trial is Poorer than Non-Infected Children at those Study Sites. 8<sup>th</sup> International Workshop on HIV Pediatrics; July 15-16, 2016, Durban, South Africa
  13. Rough, K., Seage, G.R., Williams, P., Hernandez-Diaz, S., Hou, Y., Chadwick, E., Hoffman, R., **Barr, E.**, Shapiro, D., Patel, K. (2017) TDF/FTC in Pregnancy Shows No Increase in Adverse Infant Birth Outcomes in US Cohorts. Poster presented at the 24<sup>th</sup> Annual Conference on Retroviruses and Opportunistic Infections; February 13-16, 2017, Seattle, WA
  14. Paul, S., **Barr, E.**, Dunn, J., Kinzie, K., Ziniel, E., Trevis, L., McFarland, E. (2017) Implementing Telemedicine into the Children's Hospital Immunodeficiency Program (CHIP). Poster presented at the 38<sup>th</sup> National Conference of the National Association of Pediatric Nurse Practitioners; March 16-19, 2017, Denver, CO
  15. **Barr, E.**, Jones, J., Raybin, J. (2018) Transition from Adolescent to Adult Focused HIV Care: A Qualitative Metasynthesis. **Late-breaking abstract** presentation at The Association of Nurses in AIDS Care 31<sup>st</sup> Annual Meeting; 2018, Denver, CO. Podium presentation.
  16. **Barr, E.**, Raybin, J., Dunlevy, H., Abougi, L., Jones, J. (2020) The Patient-Provider Relationship and Transition from Adolescent to Adult Focused HIV Care: An International Qualitative Metasynthesis (PEB0338). Poster presented at the 23<sup>rd</sup> Annual International AIDS Conference; July 6-10, 2020, Virtual poster presentation. [https://www.aids2020.org/wp-content/uploads/2020/09/AIDS2020\\_Abstracts.pdf](https://www.aids2020.org/wp-content/uploads/2020/09/AIDS2020_Abstracts.pdf)
  17. **Barr, E.**, Bunch, A., Glenny, C. (2020) Adapting a Mindfulness Program to Promote Staff Resiliency during the COVID-19 Pandemic. Abstract presentation at the 26<sup>th</sup> International Caritas Consortium; October 22-23, 2020, Virtual podium presentation.
  18. **Barr, E.**, Cook, P., Kacanek, D., Glenny, C., Kwon, C., Petrovich, N., Levin, M., and Dunlevy, H. (2021). Telehealth and transition: Factors affecting telehealth and engagement in care during health care transition of adolescents and young adults with HIV during the COVID-19 pandemic. Paper #114. Poster presentation at the 13th International Workshop on HIV Pediatrics: Virtual July 16-17<sup>th</sup>. [Abstracts Book - International Workshop on HIV Pediatrics 2021](#) .
  19. **Barr, E.**, Kacanek, D., Glenny, C., Silveira, L., Snyder, M., Reed, SM, Oman, K., and Cook, P. (2021) HIV stigma and silver linings: Factors affecting telehealth and engagement in care during health care transition of young adults with HIV during the COVID-19 pandemic. Poster #17. **Late breaking poster** presentation at the Association of Nurses in AIDS Care 34<sup>th</sup> Annual Meeting; Washington, D.C. November 10<sup>th</sup>-13<sup>th</sup>.
  20. Yee LM, Broadwell C, Jao J, Powis KM, **Barr E**, Haddad LB, Siminski S, Chadwick E, and Kacanek D. Postpartum initiation of marijuana or alcohol use among United States people living with HIV (S166). In: Supplement to January 2022. Society for Maternal Fetal Medicine 42nd Annual Pregnancy Meeting; 2022 January 31; Virtual. American Journal of Obstetrics and Gynecology. Vol. 226(1) SUPPLEMENT S166-S167; c2022.
  21. **Barr, E.**, Kacanek, D., Glenny, C., Snyder, M., Kwon, C., Reed, S. M., Oman, K. and Cook, P. (2022). HIV stigma and silver linings: Factors affecting telehealth and engagement in care during health care transition of young adults with HIV during the COVID-19 pandemic. Abstract presentation at the 1<sup>st</sup> Annual Texas Developmental Center for AIDS Research (CFAR) Confernece: Virtual March 30-31<sup>st</sup>.
  22. **Barr, E.**, Kacanek, D., Glenny, C., Snyder, M., Cook, P., Kwon, C., Reed, S. M., and Oman, K. (April 27-29, 2022). *HIV stigma and silver linings: Factors affecting telehealth and engagement in care during health*
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*care transition of young adults with HIV during the COVID-19 pandemic* 4th International Integrative Nursing Symposium 2022, Virtual.

23. **Barr, E.**, Dunlevy, H., Kacanek, D., Glenny, C., Snyder, M., Reed, S.M., Silveira, J. and Cook, P. (2022). Transition, telehealth, and trust: Factors affecting telehealth and engagement in care during health care transition of young adults with HIV during the COVID-19 pandemic. Poster presentation for Centers for AIDS Research (CFAR) Social and Behavioral Sciences Research Network (SBSRN) 14th National Scientific Meeting; May 26th, Philadelphia, PA.
24. Bergam, L., Baltrusaitis, K., Kennard, B., Emslie, G., Krotje, C., Knowles, K., Buisson, S., Deville, J., **Barr, E.**, Gillespie, S., Shikora, M., Levy, L., Townley, E., Shapiro, D., and Brown, L. Participant acceptability and clinician satisfaction of cognitive behavioral therapy and a medication management algorithm compared with enhanced standard care for treatment of depression among youth living with HIV. (EPB222) 24<sup>th</sup> Annual International AIDS Conference; July 29 - August 2, 2022, Montreal, Canada.
25. **Barr, E.**, Dunlevy, H., Kacanek, D., Glenny, C., Snyder, M., Reed, S.M., Silveira, J. and Cook, P. (2022). Trust, telehealth, and transition: Factors affecting telehealth and engagement in care during health care transition of young adults with HIV during the COVID-19 pandemic. (EPB224) 24<sup>th</sup> Annual International AIDS Society Conference; July 29 - August 2, 2022, Montreal, Canada.
26. **Barr, E.**, Glenny, C., Dinnebeil, M., Moor, J., Snyder, M., Kinzie, K. (2022) Childbirth education classes designed for pregnant people living with HIV: A reproducible model designed to support families living with HIV through the birth process. Poster presentation at the Association of Nurses in AIDS Care 35<sup>th</sup> Annual Meeting; Tampa, FL, November 17<sup>th</sup>-19<sup>th</sup>.

**Journal Articles Submitted and Under Review:**

1. Smith, C., Fought, A.J., Sung, J.F., McKinney, J.R., Metz, T.D., Fetters, K.B., Lazarus, S., Hegemann, S., **Barr, E.**, Glenny, C., Buehler, J., and Weinberg, A. Congenital Malformations and Preeclampsia Associated with Integrase Inhibitor Use in Pregnancy. Preprint: <https://medrxiv.org/cgi/content/short/2022.10.10.22280923v1>. (in revision, PLoS One)
2. Smith, C.<sup>^</sup>, Abuogi, L.<sup>^</sup>, Kinzie, K., **Barr, E.**, Bonham, A., Freeman-Johnson, R., Dinnebeil, M., McFarland, E., Weinberg, A (<sup>^</sup> indicates co-first-authors). Development and Implementation of an Interdisciplinary Model for the Management of Breastfeeding in Women Living with HIV in the United States: Experience from the Children’s Hospital Colorado Immunodeficiency Program. (submitted, JAIDS)

**Presentations and Invited Lectures**

1. Liceul Teologic Baptist Nursing School - Guest Lecturer HIV infection, perinatal transmission, HIV in pediatrics and adolescents Arad, Romania - February 2003
2. Management of Paediatric and Perinatal HIV Infection in the Age of Antiretroviral Therapy Faculty Member -Cape Town, South Africa - March 2004
3. Nursing and CAB Workshop on Caring for Families Affected by HIV - Faculty Member Cape Town, South Africa - March 2005
4. Introduction to PACTG, Research and PACTG 1041 Training -Faculty Member Durban, South Africa - July 2005
5. P1060 IMPAACT Protocol Start-up Training Centers for Infectious Disease Research Lusaka, Zambia – November 2007 Makerere University-Johns Hopkins University Research Collaboration Kampala, Uganda – November 2007
6. International Pediatric HIV Care – Association of Nurses in AIDS Care Chapter Meeting, Denver CO, October 2009
7. Prevention of Mother to Child Transmission National Midwifery Conference, Denver, CO, May 2010

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8. Infectious Diseases in Children: Focus on vaccine preventable illnesses, TB and HIV - National Nurse Practitioner Symposium, Vail CO, July 2010
  9. HIV Research in International Settings – Global Health Symposium, University of Colorado, October 2010
  10. HIV Care of Women and Children – lectures at multiple care sites Addis Ababa and Soddo, Ethiopia - March 2011
  11. Data Management and Study Coordination – Frontier Science Amherst, NY, July 2014
  12. HIV and International Adoption – Mountain Plains AIDS Education Training Faculty Development Conference Denver, CO, August 2015
  13. Child Development and Infant Massage classes (biannually)– CHCO, 2004 - present
  14. Birthing class for HIV + pregnant women (Developed the curriculum and teach the class 3 times a year) – CHCO, 2002 – present
  15. Camp Round Up River Ranch Medical Training on HIV and International Adoption Colorado, June 2013, 2014 and 2015
  16. Children’s Hospital Colorado Ongoing Research Education (Developed the curriculum and teach the class: SAE, Consenting, Source Documentation, Compliance, General Study Practices), University of Colorado 2001- Present
  17. Ongoing training and seminars on consenting, serious adverse event reporting, prevention of maternal to child transmission, lab drawing and processing, study screening and enrollment, HIV 101, adherence, disclosure and protocol specific trainings
  18. Speaker at Annual National IMPAACT Meetings - Washington D.C., 2004 to 2021  
Field Representative Training, Consent Training, Adherence to HIV Medications, Anthropometrics Training, Protocol Review Training, Protocol Specific Training (1060, 1026s, 1025, and 1041)
  19. Caritas Coach National Meeting – Abstract presentation – April 2017
  20. Research Recruitment and Enrollment using Innovative Technology – St Jude Pediatric Infectious Disease Program (3 sites: Tennessee, USA, Miami, USA and Mumbai, India), Invited Speaker, October 2018
  21. ANCC National Magnet Conference, International Caritas Consortium – Promoting Team Resiliency in a Maternal, Child and Adolescent HIV Clinical Program – Invited Speaker -Denver, Colorado, October 2018
  22. Invited speaker: Pediatric HIV/AIDS Cohort Study National Meeting “Trust, Telehealth and Transition: A tale of two pandemics exploring youth with HIV during the COVID-19 Pandemic”- October 2021 Virtual
  23. Biobehavioral Intensives University of Colorado College of Nursing – How to Pivot your Research Project During a Pandemic – Invited lecturer - Online - February 2022
  24. Facilitating Mentorship on International Research Projects – Children’s Hospital Colorado, University of Colorado School of Medicine - Invited Speaker – February 2022
  25. Transition, trust, and telehealth: A tale of two pandemics in invited speaker as the “Researcher of the Year” Award. Association of Nurses in AIDS Care 35<sup>th</sup> Annual Meeting; Tampa, FL, November 17<sup>th</sup>-19<sup>th</sup>.
  26. Developmental Center For AIDS Research Texas Annual Meeting 2023 invited speaker – HIV and telehealth in Youth with HIV in Houston. April 2024 (future)

**Collaborator on Multicenter Studies**

**(PACTG, IMPAACT and PHACS protocol team member or high enrolling site, acknowledged)**

1. Levin, M.J., et al., *Immunization of HIV-infected children with varicella vaccine*. J Pediatr, 2001. 139(2): p. 305-10.
2. Luzuriaga, K., et al., *A trial of three antiretroviral regimens in HIV-1-infected children*. N Engl J Med, 2004. 350(24): p. 2471-80.
3. Palumbo, P., et al., *Virologic response to potent antiretroviral therapy and modeling of HIV dynamics in early pediatric infection*. J Infect Dis, 2007. 196(1): p. 23-9.

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4. Persaud, D., et al., *Early archiving and predominance of nonnucleoside reverse transcriptase inhibitor-resistant HIV-1 among recently infected infants born in the United States*. *J Infect Dis*, 2007. 195(10): p. 1402-10.
  5. Shearer, W.T., et al., *CD4/CD8 T-cell ratio predicts HIV infection in infants: the National Heart, Lung, and Blood Institute P2C2 Study*. *J Allergy Clin Immunol*, 2007. 120(6): p. 1449-56.
  6. Griner R, Williams PL, Read JS, et al. In utero and postnatal exposure to antiretrovirals among HIV-exposed but uninfected children in the United States. *AIDS Patient Care STDS*. 2011;25(7):385-394.
  7. Chadwick, E.G., et al., *Long-term outcomes for HIV-infected infants less than 6 months of age at initiation of lopinavir/ritonavir combination antiretroviral therapy*. *AIDS*, 2011. 25(5): p. 643-9.
  8. Violari, A., et al., *Nevirapine versus ritonavir-boosted lopinavir for HIV-infected children*. *N Engl J Med*, 2012. 366(25): p. 2380-9.
  9. Smith R, Chernoff M, Williams PL, et al. Impact of HIV severity on cognitive and adaptive functioning during childhood and adolescence. *Pediatr Infect Dis J*. 2012;31(6):592-598.
  10. Siberry GK, Williams PL, Mendez H, et al. Safety of tenofovir use during pregnancy: early growth outcomes in HIV-exposed uninfected infants. *AIDS*. 2012;26(9):1151-1159.
  11. Miller TI, Borkowsky W, DiMeglio LA, et al. Metabolic abnormalities and viral replication are associated with biomarkers of vascular dysfunction in HIV-infected children. *HIV Medicine*. 2012;13(5):264-275.
  12. Wilkinson JD, Williams PL, Leister E, et al. Cardiac biomarkers in HIV-exposed uninfected children. *AIDS*. 2013;27(7):1099-1108.
  13. Williams PL, Abzug MJ, Jacobson DL, et al. Pubertal onset in children with perinatal HIV infection in the era of combination antiretroviral treatment. *AIDS*. 2013;27(12):1959-1970.
  14. Rice ML, Zeldow B, Siberry GK, et al. 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):e406-413.
  15. DiMeglio LA, Wang J, Siberry GK, et al. Bone mineral density in children and adolescents with perinatal HIV infection. *AIDS*. 2013;27(2):211-220.
  16. Lipshultz SE, Williams PL, Wilkinson JD, et al. Cardiac status of children infected with human immunodeficiency virus who are receiving long-term combination antiretroviral therapy: results from the Adolescent Master Protocol of the Multicenter Pediatric HIV/AIDS Cohort Study. *JAMA Pediatr*. 2013;167(6):520-527.
  17. Sharma TS, Jacobson DL, Anderson L, et al. Short communication: The relationship between mitochondrial dysfunction and insulin resistance in HIV-infected children receiving antiretroviral therapy. *AIDS Research and Human Retroviruses*. 2013;29(9):1211-1217.
  18. Garvie PA, Zeldow B, Malee K, et al. Discordance of cognitive and academic achievement outcomes in youth with perinatal HIV exposure. *Pediatr Infect Dis J*. 2014;33(9):e232-238.
  19. Lindsey, J.C., et al., *Predictors of virologic and clinical response to nevirapine versus lopinavir/ritonavir-based antiretroviral therapy in young children with and without prior nevirapine exposure for the prevention of mother-to-child HIV transmission*. *Pediatr Infect Dis J*, 2014. 33(8): p. 846-54.
  20. Himes SK, Wu JW, Jacobson DL, et al. Meconium Tenofovir Concentrations and Growth and Bone Outcomes in Prenatally Tenofovir Exposed HIV-Uninfected Children. *Pediatr Infect Dis J*. 2015;34(8):851-857.
  21. Lipshultz SE, Williams PL, Zeldow B, et al. Cardiac effects of in-utero exposure to antiretroviral therapy in HIV-uninfected children born to HIV-infected mothers. *AIDS*. 2015;29(1):91-100.
  22. Torre P, 3rd, Yao TJ, Zeldow B, et al. Distortion product otoacoustic emission data in perinatally HIV-infected and HIV-exposed but uninfected children and adolescents in the Pediatric HIV/AIDS Cohort Study. *Pediatr Infect Dis J*. 2015;34(3):276-278.



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23. Lewis-de Los Angeles CP, Williams PL, Huo Y, et al. 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, Behavior, and Immunity*. 2017;62:100-109.
  24. Uprety P, Patel K, Karalius B, et al. Human Immunodeficiency Virus Type 1 DNA Decay Dynamics With Early, Long-term Virologic Control of Perinatal Infection. *Clin Infect Dis*. 2017;64(11):1471-1478.
  25. Jao J, Kacanek D, Williams PL, et al. Birth Weight and Preterm Delivery Outcomes of Perinatally vs Nonperinatally Human Immunodeficiency Virus-Infected Pregnant Women in the United States: Results From the PHACS SMARTT Study and IMPAACT P1025 Protocol. *Clin Infect Dis*. 2017;65(6):982-989.
  26. Palumbo, P.J., et al., *Association of HIV diversity and virologic outcomes in early antiretroviral treatment: HPTN 052*. PLoS One, 2017. 12(5): p. e0177281.
  27. Ryder MI, Yao TJ, Russell JS, Moscicki AB, Shiboski CH, Pediatric HIVACS. Prevalence of periodontal diseases in a multicenter cohort of perinatally HIV-infected and HIV-exposed and uninfected youth. *Journal of Clinical Periodontology*. 2017;44(1):2-12.
  28. Jao J, Yu W, Patel K, et al. 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*. 2018;19(3):175-183.
  29. Smith R, Huo Y, Tassiopoulos K, et al. Mental Health Diagnoses, Symptoms, and Service Utilization in US Youth with Perinatal HIV Infection or HIV Exposure. *AIDS Patient Care STDS*. 2019;33(1):1-13.
  30. Schulte F, King OD, Paster BJ, et al. Salivary metabolite levels in perinatally HIV-infected youth with periodontal disease. *Metabolomics*. 2020;16(9):98.
  31. Tassiopoulos K, Huo Y, Patel K, et al. Healthcare Transition Outcomes Among Young Adults With Perinatally Acquired Human Immunodeficiency Virus Infection in the United States. *Clin Infect Dis*. 2020;71(1):133-141.

**Grant Funding**

D-CFAR Pilot **Barr (PI)** 7/1/2022 – 6/30/2023

Texas Developmental Center for AIDS Research (TX D-CFAR)

Title: TEC-HIV: Telehealth and engagement in care in young adults living with HIV

**Role: Principal Investigator**

Co-investigators: Mary Paul, MD, Robin Hardwicke, PhD, and Thomas Giordano, MD

\$50,000

HRSA H1224784 Levin (PI) 8/1/01 – 1/15/2022

Ryan White HIV/AIDS Program Part D Grants for Coordinated HIV Services and Access to Research for Women, Infants, Children and Youth (WICY)

Goal: Provide comprehensive care and outreach to HIV-infected women, infants, children, and youth

**Role: Co-Investigator and Research Team Manager**

6579-S12 (renewed) Levin (PI) 12/16/07- 1/15/2022

NICHD, NIH, Westat Contract No. HHSN275201800001I

NICHD Domestic and International Pediatric and Perinatal HIV Studies Network IMPAACT

Goal: Participate in multi-center HIV and vaccine trials sponsored by IMPAACT.

**Role: Co-Investigator and Research Team Manager**

5P01HYD103133-02 McFarland (PI) 9/1/06 - 1/15/2022



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**Role: Co-Investigator and Research Team Manager**