

CURRICULUM VITAE

Emily Anne Barr, PhD, RN, CPNP-PC, CNM, FAAN
Department of Research Cizik School of Nursing
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EDUCATION

Degree	Institution and Program	Date
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 2025
Pediatric Nurse Practitioner License # APN.0003999-NP (#97211)	Active through September 2025
Nurse Midwife License # APN.003998-CNM (#9831)	Active through September 2025
RX Authority License # RXN.0004031-NP	Active through September 2025
Basic Life Support	Current

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

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
Children's Hospital Colorado Pediatric Infectious Disease Children's Hospital Immunodeficiency Program Aurora, CO	Nurse Practitioner and Midwife	2001-2008
SUNY Upstate Medical University Pediatric Infectious Disease and Immunology Syracuse, NY	Nurse Practitioner and Midwife	1997-2001
Yale-New Haven Hospital Maternity New Haven, CT	RN Lactation Consultant	1996-1997
Yale-New Haven Hospital Level II NICU New Haven, CT	Graduate Nurse Assistant II	1995-1996

Research Experience

University of Colorado College of Nursing		2021
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
Thesis: "A Qualitative and Quantitative Analysis of Factors Affecting Coping styles of HIV Positive Mothers Caring for their HIV Infected Children"		

Organization	Research Role	Date
University Colorado College of Medicine Pediatric Infectious Disease Children's Hospital Colorado Aurora, CO	Clinical Research Program Director HIV treatment and prevention, childhood immunizations, COVID-19 studies, supervised research staff and all related activities	2007-2022
Multi-Center Clinical Trials: IMPAACT, PHACS, ATN, HPTN MTN, COVPN, Industry, and Local PI Initiated Studies	Lead Study Coordinator Project manager Supervisor	2007-2022

Pediatric HIV/AIDS Cohort Study PHACS Studies	Protocol Team Member:	
	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 Lead investigator – Breastmilk PK arm		Enrolling
P1026 Pharmacokinetic Properties of ARVs During Pregnancy		Analysis
2021 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Analysis
2018 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Analysis
2013 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Completed
2012 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Completed
2011 Phase I RSV RCT Placebo-Controlled Vaccine Study in Infants		Completed
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		Completed
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		Completed
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

Service

Written Clinical Practice Guidelines

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

UTHealth Houston

Breastfeeding/Chestfeeding and HIV – Lead author 2023

Peer reviewer

Policy, Politics, & Nursing Practice	2023
Journal of the Association of Nurses in AIDS Care	2017-present
Journal of Child and Family Studies	2016-2020

Reviewer of Conference Proceedings

1. National Academies of Sciences, Engineering, and Medicine. 2023. The Roles of Trust and Health Literacy in Achieving Health Equity: Community Settings: Proceedings of a Workshop-in Brief. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26889>. (Invited expert reviewer)

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 Makerere University, Johns Hopkins University	Kampala, Uganda	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	
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, 2020
PHACS National Annual Award: Excellence in Study Management and Leadership	2019
University of Colorado Pediatric Research Scholarship	2020
University of Colorado Alumni Teaching Award	2020
National Award for Excellence in Service to the Pediatric HIV/AIDS Cohort Study	2022
“Outstanding Contributions to the Study, Participants, and Research Community”	
McGovern Writing Fellow – Inaugural class	2022-2023
Association of Nurses in AIDS Care - Research Impact Award	2022
<i>Researcher of the Year ANAC 2022 - International Award</i>	
Fellow of the American Academy of Nursing - FAAN	2023

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 and Member Houston Gulf Coast Chapter
Sigma Theta Tau International
American College of Nurse Midwives
Society for Adolescent Health and Medicine
American Academy of Nursing
American Academy of HIV Medicine
American College of Nurse Midwives

Committees and Leadership

Organization	Date
<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
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	2009-2022
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
PNP Taskforce – National taskforce – member	2022-Present
UTHealth Houston Cizik SON HIV Think Tank – member	2022-Present
Association of Nurses in AIDS Care Houston Chapter Research co-chair	2023-Present

Teaching Experience

UTHealth Cizik School of Nursing

Co-instructor

1. Writing for Publication (2223NURS6854-100) Fall 2022, Fall 2023

2. Research Planning and Implement (2223NURS7552B180)		Summer 2023, Spring 2023, Fall 2022
HIV Hot Topics Education	Houston, Texas – Conference planner/presenter	Summer 2023
University of Colorado College of Nursing - Senior Faculty Fellow		2019-2021
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 - 2022
1. Well Child: Primary Care, Well Adolescent Care, Immunizations, STIs, Viruses, Child Development		
2. Chronic Illness: HIV, HIV and Viral Illness in Pregnancy, Stigma, Disclosure, International Adoption, International Health Care and 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	

Volunteer and Community Service

Organization	Position	Date
Round Up River Ranch Camp	Medical Advisory Board	2008-Present
Round Up River Ranch Camp	Medical Volunteer Texas	2023
	Medical Volunteer Colorado	2011-2020
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, 2023
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	Medical volunteer	1992-1996
The Names Project	Volunteer	1991, 1992
Starcross Community	Fulltime Volunteer	1990-1991
	Childcare Provider	
The Cornell Countryman Cornell University	Editor	1990
Cornell University Yearbook	Copy writer	1989-1990
Racial Awareness Pilot Project	Selected member	1989-1990
	Cornell University	

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. (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)

Non-Peer Reviewed 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. Gardenier, D., Koslap-Petraco, M., & **Barr, E.** (2015). Should Vaccination be Mandatory for Preschool Attendance? *The Journal for Nurse Practitioners*, 11(8), 764-765.

Medical Humanities Publications

1. **Barr, E.A.** (2023) *Paparazzi*. The Perch: Yale School of Medicine (in press)

Peer Reviewed Publications

1. 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>
2. 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

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- factors of the virologic response to antiretrovirals during pregnancy. *Infectious Diseases in Obstetrics and Gynecology*, 2009, 621780. <https://doi.org/10.1155/2009/621780>
3. 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>
 4. 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>
 5. 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>
 6. 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>
 7. 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>
 8. 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>
 9. 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>
 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., 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>
 11. Barlow-Mosha, L., Angelidou, K., Lindsey, J., Archary, M., Cotton, M., Dittmer, S., Fairlie, L., Kabughu, 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>
 12. 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>
 13. 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
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- 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>
14. 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>
 15. 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>
 16. 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>
 17. Cunningham, C. K., Karron, R., Muresan, P., McFarland, E. J., Perlowski, C., Libous, J., Thumar, B., Gnanashanmugam, D., Moyer, 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>
 18. McFarland, E. J., Karron, R. A., Muresan, P., Cunningham, C. K., Perlowski, C., Libous, J., Oliva, J., Jean-Philippe, P., Moyer, 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>
 19. McFarland, E. J., Karron, R. A., Muresan, P., Cunningham, C. K., Libous, J., Perlowski, C., Thumar, B., Gnanashanmugam, D., Moyer, 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>
 20. McFarland, E. J., Karron, R. A., Muresan, P., Cunningham, C. K., Perlowski, C., Libous, J., Oliva, J., Jean-Philippe, P., Moyer, 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>
 21. 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>
 22. 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>
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23. **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)
 24. 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](https://doi.org/10.1001/jamanetworkopen.2021.37162)
 25. 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>
 26. 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>
 27. **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. <https://doi.org/10.1097/JNC.000000000000239>
 28. 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/I1314L and RSV/276 in RSV Seronegative Children. *J Infect Dis*. <https://doi.org/10.1093/infdis/jiac253>
 29. Abuogi, L., Smith, C., Kinzie, K., **Barr, E.**, Bonham, A., Johnson, R. L., Dinnebeil, M., McFarland, E., & Weinberg, A. (2023). Development and implementation of an interdisciplinary model for the management of breastfeeding in women with HIV in the United States: Experience from the Children’s Hospital Colorado Immunodeficiency Program. *Journal of Acquired Immune Deficiency Syndromes* <https://doi.org/10.1097/QAI.0000000000003213>
 30. Smith, C., Fought, A. J., Sung, J. F., McKinney, J. R., Metz, T. D., Fetters, K. B., Lazarus, S., Capraro, S., **Barr, E.**, Glenny, C., Buehler, J., & Weinberg, A. (2023). Congenital malformations and preeclampsia associated with integrase inhibitor use in pregnancy: A single-center analysis. *PloS One*, 18(6), e0276473–e0276473. <https://doi.org/10.1371/journal.pone.0276473>
 31. Courtwright, S.E. & **Barr, E.A.** (2023). Pediatric nurse practitioner workforce shortage threatens child health equity: Key contributors and recommendations. *Journal of the American Association of Nurse Practitioners* 35(11):p 661-665. <https://doi.org/10.1097/JXX.0000000000000954>
 32. **Barr, E.A.**, Abuogi, L., and Smith, C. (2024) A review of updated guidelines on breastfeeding with HIV using relational decision-making and intellectual humility to support infant feeding choices. *Nursing Clinics of North America*. (in press).
 33. Courtwright, S.E., Eleanor Turi, E., **Barr, E.A.**, Jade C. Burns, J.C., Gigli, K.H., Bennett, C.R., Sonney J., Francis L., and Poghosyan, L., (2024) Factors impacting pediatric nurse practitioner practice, and workforce potential to eliminate child health inequities in the United States: A systematic review and critical interpretive synthesis. *Journal of Pediatric Healthcare* (in press).
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Submitted (*Denotes student)

1. Malone-Thomas, S., Brady, V., and **Barr, E.A.**, (Submitted 2023) Perfect candidates for HIV pre-exposure prophylaxis. *American Nurse Journal*.
2. **Barr, E.A.**, Baltrusaitis, K., Kennard, B.D., Shapiro, D.E., and Brown, L.K. (2024) Participant acceptability and clinician satisfaction of cognitive behavioral therapy and medication management algorithm compared with enhanced standard care for treatment of depression among youth with HIV. *Journal of Child and Adolescent Mental Health* (Submitted 2023)
3. *Wright, C.E., *Savidge, K., Armitage, H., **Barr, E.A.**, Factors associated with postpartum depression in people living with HIV: An integrative review. *Journal of Psychiatric Nursing and Social Support*. (Submitted 2023)

Posters and Abstracts

1. **Barr, E.**, Moor, J., Kinzie, K., Paul, S., and Salbenblatt, C. *Childbirth Class for HIV Positive Pregnant Women and their Partner*. Poster 17th Annual Association of Nurses in AIDS Care; November 15th-18th, 2004, New Orleans Louisiana.
2. **Barr, E.**, Moor, J., Kinzie, K., Paul, S., Salbenblatt, C., and Weinberg, A. *Childbirth preparation class highlighting perinatal HIV research*. Poster for Pediatric HIV/AIDS Clinical Trials Group Annual Meeting, August 2003, Washington D.C.
3. 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)*. 16th Conference on Retroviruses and Opportunistic Infections; February 8-11, 2009, Montreal, Canada [Poster #946].
4. 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 49th Annual Meeting of Infectious Disease Society of America and the HIV Medicine Association; October 20-23, 2011, Boston, MA
5. 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 4th International Workshop on HIV Pediatrics; July 21-22, 2012, Washington, D.C. [Poster #P_104].
6. 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 20th International AIDS Conference (AIDS 2014); July 20-25, 2014, Melbourne, Australia
7. 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
8. 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)
9. 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
10. 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*

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- Postpartum Women*. Poster presented at the 23rd Annual Conference on Retroviruses and Opportunistic Infections; February 22-25, 2016, Boston, MA
11. 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
 12. 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
 13. Boivin, M., Chernoff, M., Zimmer, B., Loughton, 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*. 8th International Workshop on HIV Pediatrics; July 15-16, 2016, Durban, South Africa
 14. 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 24th Annual Conference on Retroviruses and Opportunistic Infections; February 13-16, 2017, Seattle, WA
 15. 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 38th National Conference of the National Association of Pediatric Nurse Practitioners; March 16-19, 2017, Denver, CO
 16. **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 31st Annual Meeting; 2018, Denver, CO. Podium presentation.
 17. **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 23rd Annual International AIDS Conference; July 6-10, 2020, Virtual poster presentation. https://www.aids2020.org/wp-content/uploads/2020/09/AIDS2020_Abstracts.pdf
 18. **Barr, E.**, Bunch, A., Glenny, C. (2020) *Adapting a Mindfulness Program to Promote Staff Resiliency during the COVID-19 Pandemic*. Abstract presentation at the 26th International Caritas Consortium; October 22-23, 2020, Virtual podium presentation.
 19. **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 16-17th. [Abstracts Book - International Workshop on HIV Pediatrics 2021](#) .
 20. **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 34th Annual Meeting; Washington, D.C. November 10th-13th.
 21. 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
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Meeting; 2022 January 31; Virtual. American Journal of Obstetrics and Gynecology. Vol. 226(1) SUPPLEMENT S166-S167; c2022.

22. **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 1st Annual Texas Developmental Center for AIDS Research (CFAR) Confernece: Virtual March 30-31st.
23. **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 care transition of young adults with HIV during the COVID-19 pandemic*. 4th International Integrative Nursing Symposium 2022, Virtual.
24. **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.
25. 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) 24th Annual International AIDS Conference; July 29 - August 2, 2022, Montreal, Canada.
26. **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) 24th Annual International AIDS Society Conference; July 29 - August 2, 2022, Montreal, Canada.
27. **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 35th Annual Meeting; Tampa, FL, November 17th-19th.
28. Courtwright S.E., Turi E., **Barr E.A.**, Burns J.C., Gigli K.H., Bennett C.R., Sonney J., Francis L., Poghosyan L. (2023). *Facilitators and barriers to pediatric nurse practitioner practice in the United States: A systematic review*. Poster presentation at Academy Health Interdisciplinary Research Group on Nursing Issues (IRGNI); Seattle, WA, June 24, 2023.
29. **Barr, E.**, Abuogi, L., Dinnebeil, Weinberg, A., Hardwicke, R., Kinzie, K., Smith, C. (2023) *HIV and lactation: An interdisciplinary clinical protocol designed to support people with HIV choosing to chestfeed/breastfeed their infants*. Oral abstract presentation at the Association of Nurses in AIDS Care 36th Annual Meeting; New Orleans, LA, October 25th-28th.

Presentations and Invited Lectures (International and National)

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

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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
 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 35th Annual Meeting; Tampa, FL, November 17th-19th.
 26. Texas Developmental Center for AIDS Research Annual Meeting 2023 invited speaker – HIV and telehealth in Youth with HIV in Houston. April 2023
 27. Invited Presentation to read a personal essay: *Encyclopedia Brown*, McGovern Writing Fellowship, McGovern Medical School – June 2023

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28. Association of Nurses in AIDS Care and Cizik School of Nursing Day of HIV Education 2023. Hot Topics in HIV Education. – invited speaker – *Clinical Update on HIV and Breastfeeding*. Houston, Texas, July 2023
 29. ePATHS: eHealth, patient activation, telehealth, HIV, and stigma in young people with HIV. Invited presentation. D-CFAR Texas. August 2023
 30. Texas Developmental Center for AIDS Research and Houston Health Department Annual HIV Symposium 2023 – Telehealth and Engagement in Care in Youth with HIV in Houston. December 2023

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.
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.

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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.
 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.

Selected Grant Funding

NIH grant P30AI161943

Barr (PI)

7/1/2023 – 6/30/2024

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

Title: ePaths: Patient activation through home STI testing

Role: Principal Investigator

Co-investigators: Mary Paul, MD, and Thomas Giordano, MD
\$50,000

NIH grant P30AI161943 **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. HHSN275201800001
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
NICHD via Harvard School of Public Health Contract
Pediatric HIV/AIDS Cohort Study (PHACS) Network Unit SMARTT and Women's Supplement
Goal: Participate in multi-center studies of Pregnant women with HIV and infants exposed to HIV.
Role: Co-Investigator and Research Team Manager

5P01HD103133-02 McFarland (PI) 9/1/06 - 1/15/2022
NICHD via Harvard School of Public Health Contract
Pediatric HIV/AIDS Cohort Study (PHACS) Network Unit AMP UP
Goal: Participate in multi-center studies of young adults with perinatally acquired HIV.
Role: Co-Investigator and Research Team Manager

U01HD 068063 McFarland (PI) 3/1/11 - 2/28/17
NIH/NICHD University of Colorado Adolescent Trials Network Unit
Goal: Participate as clinical research unit for the Adolescent Trials Network (ATN).
Role: Co-Investigator and Research Team Manager

UM1 AI068619/PO17001905 (renewed) Reirden (PI) 5/1/2016 - 11/30/2021
HPTN 083: A Phase 2b/3 Double Blind Safety and Efficacy Study of Injectable Cabotegravir Compared to Daily Oral Tenofovir Disoproxil Fumarate/Emtricitabine (TDF/FTC), For Pre-Exposure Prophylaxis in HIV Uninfected Cisgender Men and Transgender Women who have Sex with Men
Goal: Participate as clinical research unit for HPTN 083
Role: Co-Investigator and Research Team Manager

UPL 550001	Levin (PI)	9/1/2019 - 1/15/2022
Title XIX of the Social Security Act Medical Assistance Program/Supplemental Payments Improving Transitions for Youth and Post-Partum Women Between HIV Care Sites		
Goal: Develop a comprehensive, evidence-based program to successfully <u>transition PLWH from a maternal/adolescent care site to an adult focused HIV care site.</u>		
Role: Co-Investigator, Project Lead, Program Development and Research Team Manager		
UM1 AI068619/PO20002909	Reirden (PI)	8/1/2020-11/30/2021
COVPN 5002: SARS-COV-2 Prevalence Study (COMPASS)		
Goal: Participate as clinical research unit for the COVPN in COMPASS		
Role: Co-Investigator and Research Team Manager		
UM1 AI068619/PO20003046	Levin (PI)	8/15/2020 - 1/15/2022
COVPN 3003: COVID-19 Vaccine study Ensemble		
Phase 3 Study to Assess the Efficacy and Safety of Ad26.COVS.2 for the Prevention of SARS-CoV-2-mediated COVID-19 in Adults		
Goal: Participate as clinical research unit for the COVPN in Ensemble		
Role: Co-Investigator and Research Team Manager		
1560 B YB243	Levin (PI)	5/5/2021 - 1/15/2022
CoVPN 3004: COVID-19 Vaccine study Novavax		
A Phase 3, study of a SARS-CoV-2 Recombinant Spike Protein Nanoparticle Vaccine (SARS-CoV-2 rS) with Matrix-M1™ Adjuvant Pediatric Expansion in Adolescents (12 to 17 Years)		
Goal: Participate as clinical research unit for the COVPN in Novavax pediatric study		
Role: Co-Investigator and Research Team Manager		