

CURRICULUM VITAE

DATE: July 2022

NAME: Stephanie Shiau, PhD, MPH

PRESENT TITLE: Assistant Professor of Epidemiology

OFFICE ADDRESS: Rutgers School of Public Health
Department of Biostatistics and Epidemiology
683 Hoes Lane West, Room 221, Piscataway, NJ, 08854

TELEPHONE: 732-235-9104 (office)

E-MAIL ADDRESS: stephanie.shiau@rutgers.edu

CITIZENSHIP: United States of America

EDUCATION:

A. Undergraduate

Johns Hopkins University
Baltimore, MD
Bachelor of Arts (Public Health Studies), Minor: Music
Date Awarded: 05/2010

B. Graduate and Professional

Columbia University
New York, NY
Master of Public Health (Epidemiology)
Date Awarded: 05/2012

Columbia University
New York, NY
Master of Philosophy (Epidemiology)
Date Awarded: 05/2016

Columbia University
New York, NY
Doctor of Philosophy (Epidemiology)
Date Awarded: 05/2017

POSTGRADUATE TRAINING:

A. Research Fellowships

University of California - San Diego, San Diego, CA
Sustained Training in Aging & HIV Research (STAGR) Scholar (R25 MH108389)
Dates: 07/2019 – 07/2021

B. Postdoctoral Appointments

Gertrude H. Sergievsky Center
Columbia University, New York, NY
Mervyn W. Susser Postdoctoral Research Scientist
Dates: 05/2017 – 08/2019

ACADEMIC APPOINTMENTS:

Department of Biostatistics and Epidemiology
Rutgers University, School of Public Health, Piscataway, NJ
Assistant Professor of Epidemiology
Dates: 07/2021 - Present

Department of Biostatistics and Epidemiology
Rutgers University, School of Public Health, Piscataway, NJ
Instructor of Epidemiology
Dates: 08/2019 – 06/2021

Department of Community Health and Social Medicine,
The City College of New York, CUNY School of Medicine, New York, NY
Adjunct Assistant Professor
Dates: 08/2017 – 06/2019

Department of Community Health and Social Medicine,
The City College of New York, CUNY School of Medicine, New York, NY
Adjunct Lecturer
Dates: 09/2015 – 08/2017

OTHER EMPLOYMENT OR MAJOR VISITING APPOINTMENTS

Department of Pediatrics and Child Health, Faculty of Health Sciences
University of the Witwatersrand, Johannesburg, South Africa
Honorary Lecturer
Dates: 09/2016 – 08/2019
**Conducted fieldwork in Johannesburg, South Africa from 06/2014 – 08/2014*

Gertrude H. Sergievsky Center
Columbia University, New York, NY
Project Coordinator (full-time)
Dates: 07/2012 – 04/2017

CERTIFICATIONS:

Certified in Public Health (CPH)
The National Board of Public Health Examiners, NBPHE # 7925
Date Awarded: 05/2012
Status: Active

MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

- National Postdoctoral Association, Member, 2017 – 2019
- New York Academy of Sciences, Member, 2016 – Present
- International Epidemiological Association, Member, 2016 – Present
- Society for Epidemiologic Research, Media Chair, Student and Post-Doctoral Committee, 2015-2016; Member, 2012 – Present
- International AIDS Society, Member, 2011 – Present

HONORS AND AWARDS:

- Excellence in Research Award, New Jersey Health Foundation (NJHF), 2021
- Delta Omega Honorary Society in Public Health, Alpha Eta Chapter, Faculty Inductee, 2021
- NIDA Diversity Scholars Network, 2020

- NIH Loan Repayment Award (NIAID) – Renewal, *Host epigenomics and viral control after early treatment in infants: towards HIV remission*, 2019 – 2021
- New Investigator Scholarship, Conference on Retroviruses and Opportunistic Infections, 2019, 2016, 2014
- NIH Loan Repayment Award (NIAID) – New, *Premature biological aging in children with HIV*, 2017 – 2019
- Young Investigator Travel Scholarship, IAS HIV Cure & Cancer Forum, 2017
- Anna C. Gelman Award for Excellence in Epidemiology *for high academic distinction and the potential for significant contributions to the field of public health*, Department of Epidemiology, Columbia University, 2017 (PhD), 2012 (MPH)
- Sidney Kark Award in Epidemiology *for commitment to research in global health*, Department of Epidemiology, Columbia University, 2016
- EPIC Fund Award, Department of Epidemiology, Columbia University, 2016, 2014, 2013, 2012
- American Society for Bone and Mineral Research (ASBMR) Young Investigator Travel Grant, NIH & National Osteoporosis Foundation Workshop, 2015
- Young Investigator Award, 7th International Workshop on HIV Pediatrics, 2015
- Student Conference Travel Fund Award, Office of Student Affairs, Columbia University, 2014, 2013, 2012, 2011
- Tuition Scholarship (\$20,000), Department of Epidemiology, Columbia University, 2012
- IAS Educational Fund Scholarship, International AIDS Society Conference, 2011
- Best Poster Presentation – Infectious Disease, Department of Epidemiology, Columbia University, 2011
- First Place Presentation, Taiwan Tech Trek Academic Conference, 2010
- Christopher B. Elser Prize, Johns Hopkins University, 2010
- Dean of Student Life Achievement Award, Johns Hopkins University, 2010
- Class of 1979 Scholarship, Johns Hopkins University, 2009
- Provost Undergraduate Research Award, Johns Hopkins University, 2009
- Bloomberg Scholarship, Johns Hopkins University, 2006 – 2010

SERVICE ON MAJOR COMMITTEES:

A. International

- Ad Hoc Grant Reviewer, March of Dimes Research Grants, 2020 – Present
- Rapporteur, Track B Clinical Science, 21st International AIDS Conference, Durban, South Africa, 2016

B. Local/National

- Co-Leader, Growth, Nutrition and Metabolism Work Group, New Jersey Kids Study (NJKS), 2022 – Present
- Member, Omics Task Force, RECOVER Investigator Consortium, 2022 – Present
- Early Career Reviewer, NIH Study Section HIV Comorbidities and Clinical Studies (HCCS), July 2021
- Member, Communications Committee, Society for Epidemiologic Research, 2020 – Present
- Member, Scientific Committee, New York City Epidemiology Forum, 2019 – Present
- Member, Steering Committee, New York City Epidemiology Forum, 2019 – 2020
- Ambassador, NIH Loan Repayment Program, 2019 – Present
- Member, Nutrition, Growth, and Metabolism Working Group, Pediatric HIV/AIDS Cohort Study, 2018 – Present
- Member, Maternal Exposures Working Group, Pediatric HIV/AIDS Cohort Study, 2018 – Present
- Media Chair, Student and Post-doctoral Committee, Society for Epidemiologic Research, 2015 – 2016

C. School/University

- Co-Chair, Curriculum Committee, Rutgers School of Public Health, 2021 – Present
 - *Oversaw design and implementation of School-Wide Diversity, Equity, and Inclusion Curriculum Assessments*
 - *Led Curriculum Committee through CEPH Re-Accreditation Self-Study*
- Member, Curriculum Committee, Rutgers School of Public Health, 2020 – 2021

- Member, Diversity Leadership Council, Johns Hopkins University, 2009 – 2010

D. Department

- Member, Teaching and Pedagogy Committee, Department of Biostatistics and Epidemiology, Rutgers School of Public Health, 2020 – Present
- Member, Junior Faculty Search Committee, Department of Biostatistics and Epidemiology, Rutgers School of Public Health, 2021-2022
- MPH Admissions Reviewer, Department of Biostatistics and Epidemiology, Rutgers School of Public Health, 2019 – Present
- Doctoral Student Representative, Doctoral Steering Committee, Department of Epidemiology, Columbia University, 2013 – 2017
- Masters' Student Liaison, Department of Epidemiology, Columbia University, 2013 – 2016

E. Hospital – NA

F. Editorial Boards

- Associate Editor, *Adolescent Reproductive Health and Well-being (specialty section of Frontiers in Reproductive Health)*, 2020 – Present
- Academic Editor, *Medicine (Section: Epidemiology)*, 2016 – Present

G. AdHoc Reviewer for Journals

- *International Journal of Gynecology and Obstetrics*, 2022 – Present
- *Journal of the International AIDS Society*, 2022 – Present
- *Obesity*, 2021 – Present
- *American Journal of Preventive Medicine*, 2021 – Present
- *Open Forum Infectious Diseases*, 2021 – Present
- *Journal of Infectious Diseases*, 2020 – Present
- *American Journal of Epidemiology*, 2020 – Present
- *Journal of NeuroVirology*, 2020 – Present
- *Scientific Reports*, 2020 – Present
- *Clinical Infectious Diseases*, 2020 – Present
- *Journal of Medical Virology*, 2020 – Present
- *The Lancet Child and Adolescent Health*, 2019 – Present
- *BMJ Open*, 2019 – Present
- *AIDS Care*, 2019 – Present
- *International Journal of STD & AIDS*, 2018 – Present
- *PLOS One*, 2017 – Present
- *JAIDS: Journal of Acquired Immune Deficiency Syndromes*, 2015 – Present
- *The Pediatric Infectious Disease Journal*, 2014 - Present
- *The Journal of School Nursing*, 2013 – Present

SERVICE TO THE COMMUNITY:

- Mentor, 1000 Girls 1000 Futures, Global STEM Alliance, New York Academy of Sciences, 2016 – Present

SPONSORSHIP/MENTORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE

A. PhD Advisor

- Fabrizio Drago, MPH, PhD Candidate (Fall 2020 – Present)

B. MPH Capstone Preceptor

- Wiktoria Staromiejska, MPH Candidate (Spring 2022): *Examining the relationship between lipid composition and blood pressure over time in HIV-Infected Children in Johannesburg, South Africa*
- Sree Sudharshan, MPH Candidate (Spring 2022): *Housing, income, and abuse among participants of the New Jersey Housing Collaborative*

- Gia Huynh, MPH Candidate (Spring 2022): *An assessment of the relationship between HIV status and pregnancy termination in Sub-Saharan Africa*
- Nadeen Moawiah (Spring 2022): *The effect of low-dose aspirin in reducing the risk of pre-eclampsia in pregnant women*
- Hersh Ranade, MPH (Fall 2021): *Opioid Use and HIV Status among adults in the United States: results from the National Survey and Drug Use and Health, 2015-2019*
- Victoria Yuan, MPH (Spring 2021): *Cognitive development among HIV-infected, HIV-exposed but uninfected, and HIV-unexposed and uninfected infants*
- Haoqing Chen, MPH (Spring 2021): *Surveillance and epidemiology of COVID-19 disease and outcomes using data from a large private health company in New Jersey and New York*
- Juhi Aggarwal, MPH (Spring 2021): *Age and vaccine confidence among people living with HIV*
- Laura Bruce, MPH (Spring 2021): *Seroprevalence of SARS-CoV-2 Antibodies in a sample of patients tested at a large private multispecialty medical practice in New Jersey: a cross-sectional study*
- Sanjana Subramhanya, MPH (Fall 2020): *Longitudinal growth of infants by HIV exposure-infection status – Mothers and Infants Cohort Study, 1986-1991*
- Priscilla Winston-Laryea, MPH (Spring 2020): *Assessing hepatotoxicity in weight-based dosing bands in treatment for tuberculosis using the TB-PACTS database*

C. MPH Applied Practice Experience (APE) Preceptor

- Nadeen Moawiah (Fall 2022)
- Haoqing Chen, MPH (Fall 2020)
- Juhi Aggarwal, MPH (Fall 2020)
- Priscilla Winston-Laryea (Fall 2019)

D. MPH Practicum Advisor

- Vidhatri Khadke, MPH Candidate (2021-)
- Coree Rheum, MPH Candidate (2021-)
- Britanie Carlozzi, MPH Candidate (2021-)
- Arthur Shustorovich, MPH Candidate (2021-)

E. MPH Academic Advisor

- Rayan Khan, MPH Candidate (2021-)
- Khadizatul Kubra, MPH Candidate (2021-)
- Prathyusha Bhuvanam, MPH Candidate (2021-)
- Luisa Gomez Bustamante, MPH Candidate (2021-)
- Sakina Jivanji, MPH Candidate (2021-)
- Issam Koleilat, MPH Candidate (2021-)
- Nadeen Moawiah, MPH Candidate (2020-)
- Dario Astacio, MPH Candidate (2020-)
- Danielle Bartsche, MPH Candidate (2020-)
- Tayah Martin, MPH Candidate (2020-)
- Christina Misiur, MPH Candidate (2020-)
- Geetanjali Meka, MPH Candidate (2020-2022)
- Sree Sudharshan, MPH Candidate (2020-2022)
- Hersh Ranade, MPH (2020-2021)
- Juhi Aggarwal, MPH (2020-2021)
- Sanjana Subramhanya, MPH (2019-2020)
- Priscilla Winston-Laryea, MPH (2019-2020)

F. Undergraduate Honors College Thesis Advisor

- Deepthi Kailas (Fall 2021 – Spring 2022): *Impact of COVID-19 on Physical and Mental Health of People Living with HIV*

TEACHING RESPONSIBILITIES:

A. Course Directorship or Teaching Assistantship

Rutgers School of Public Health, Department of Biostatistics and Epidemiology
Intermediate Epidemiologic Research Methods (EPID0656)
Instructor (37 students), Fall 2021
Instructor (41 students), Fall 2020

Columbia University Mailman School of Public Health, Department of Epidemiology
Epidemiologic Analysis Using R - Digital Based (Summer Institute)
Instructor (41 students), 20 hours – Summer 2020, Summer 2019

Columbia University Mailman School of Public Health, Department of Epidemiology
Epidemiologic Analysis Using R - Classroom Based (Summer Institute)
Instructor (8 students), 20 hours – Summer 2019; Summer 2018

Columbia University Mailman School of Public Health, Department of Epidemiology
Perinatal Epidemiology (P8422)
Co-Instructor (20 students), 42 hours – Spring 2017
Teaching Assistant (20 students), 42 hours – Spring 2015; Spring 2013

CUNY School of Medicine, The City College of New York
Clinical Decision Making and Evidence-Based Medicine (MED 53900)
Teaching Assistant (60 students), 15 hours – Fall 2015

Columbia University Mailman School of Public Health, Department of Epidemiology
Master's Essay in Epidemiology I (P9419) and II (9420)
Teaching Assistant (20 students), 42 hours – Spring 2016; Fall 2015

Columbia University Mailman School of Public Health, Department of Epidemiology
Critical Thinking in Epidemiology IV (P9400)
Teaching Assistant (15 students), 42 hours – Spring 2014

B. Workshop Leader

CUNY School of Medicine, The City College of New York
Evidence-Based Medicine (MED 43709)
Workshop Leader (15 students), 15 hours – Spring 2019; Fall 2018; Spring 2018; Fall 2017; Spring 2017;
Fall 2016

Columbia University Mailman School of Public Health, Department of Epidemiology
Principles of Epidemiology (P6400)
Workshop Leader (20 students), 21 hours – Fall 2015; Fall 2014; Fall 2013

C. Invited Guest Lecture or Guest Speaker

Rutgers School of Public Health, Doctoral Program
Doctoral Colloquium II: NIH Grantee Panel
Guest Speaker (6 students), 1 hour – Fall 2021

Rutgers School of Public Health, Department of Biostatistics and Epidemiology
Perinatal and Reproductive Epidemiology (EPID 0607)
Guest Lecturer (15 students), *Epigenetics Applied to Perinatal Epi*, 1 hour – Spring 2021
Guest Lecturer (15 students), *Epigenetics Applied to Perinatal Epi*, 2 hours – Spring 2020

Rutgers School of Public Health, Department of Biostatistics and Epidemiology
Critical Review of Epidemiologic Literature (EPID 0700)
Guest Lecturer (10 students), *Risk of Myocardial Infarction Among People With HIV*, 1 hour – Fall 2020
Guest Lecturer (3 students), *Hormonal Contraceptive Methods and HIV*, 1 hour – Spring 2020

Rutgers School of Public Health, Department of Biostatistics and Epidemiology
Social Epidemiology (EPID 0673)
Guest Lecturer (15 students), *Epigenetics Applied to Social Epidemiology*, 1 hour – Spring 2020

Columbia University Mailman School of Public Health, Department of Epidemiology
Perinatal Epidemiology (P8422)
Guest Lecturer (20 students), *Epigenetics Applied to Perinatal Epi*, 3 hours – Spring 2019
Guest Lecturer (20 students), *Causal Inference in Perinatal Epi*, 3 hours – Spring 2017

Columbia University Mailman School of Public Health, Department of Epidemiology
Presentation and Visualization of Epidemiological Data (P8485)
Guest Lecturer (15 students), *Introduction to Graphics in R and SAS*, 3 hours – Summer 2019; Summer 2018; Summer 2017

Columbia University Mailman School of Public Health, Department of Epidemiology
Epidemiology of Genetics and Aging (P8404)
Guest Lecturer (15 students), *Aging and HIV*, 3 hours – Spring 2017

CUNY School of Medicine, The City College of New York
Clinical Decision Making and Evidence-Based Medicine (MED 53900)
Guest Lecturer (60 students), *Review of Medical Literature and Statistics*, 2 hours – Spring 2016

Columbia University Mailman School of Public Health, Department of Epidemiology
Principles of Epidemiology (P6400)
Guest Lecturer (100 students), *Randomized Clinical Trials*, 1.5 hours – Fall 2016; Fall 2015

GRANT SUPPORT:

A. Principal Investigator

1. Source: Rutgers MGSA-SPH Collaborative Seed Grant Awards
Title: HIV/AIDS and Survivorship: Developing Positive Health Outcomes and Resilience through an Embodied Oral History Workshop and Performance
Dates: 09/01/21 – 08/31/22, Total costs: \$10,000
Role: **Co-Principal Investigator**
2. Source: NIH, NIDA K01DA053157
Title: Leveraging large-scale administrative claims data to evaluate prescription opioid use, risks, and outcomes among older adults living with HIV
Dates: 06/01/21 – 04/30/26, Total costs: \$979,570
Role: **Principal Investigator**
3. Source: NIH, R21HD104558
Title: Leveraging NICHD DASH biospecimens to isolate the effects of HIV infection and HIV exposure on epigenetic profiles in infants
Dates: 09/21/20 – 08/31/22, Total costs: \$430,292
Role: **Principal Investigator**
4. Source: Rutgers University Center for COVID-19 Response and Pandemic Preparedness (CCRP)
Title: COVID-19, HIV, and other health comorbidities: a syndemic in Essex County, NJ
Dates: 07/01/20 – 12/31/21, Total costs: \$22,000
Role: **Principal Investigator**
5. Source: Thrasher Research Fund, Early Career Award
Title: Signature maternal immune activation markers of growth and infectious morbidity in HEU children
Dates: 09/01/19 – 08/31/21, Total costs: \$26,750
Role: **Principal Investigator**

6. Source: NIH, NICHD, U01HD052104, PHACS Early Career Investigator Award
Title: Maternal inflammation and immune activation in pregnancy in Pediatric HIV/AIDS Cohort Study (PHACS) SMARTT
Dates: 08/01/19 – 07/31/21, Total costs: \$75,055
Role: **Principal Investigator**
7. Source: Rutgers School of Public Health, Internal Grants Program, Pilot Award
Title: Trends and patterns in opioid-related deaths among Medicare beneficiaries with HIV
Dates: 11/01/19 – 7/30/21, Total costs: \$20,000
Role: **Principal Investigator**
8. Source: National Science Foundation (NSF) Rapid Award
Title: Privacy-preserving crowdsensing of COVID-19 and its sociological and epidemiological implications
Dates: 04/15/20 – 4/30/21, Total costs: \$200,000
Role: **Co-Principal Investigator** (PI: J. Vadiya)
9. Source: Columbia University, Taub Institute MRI Pilot Study
Title: Pilot study of biological aging and MRI in HIV-infected African Americans
Dates: 01/01/18 – 12/31/18, Total costs: \$10,000
Role: **Principal Investigator**

B. Co-Investigator

1. Source: NIH, NIAID, K24AI155230
Title: Mentoring Research in Non-infectious Complications of HIV
Dates: 09/17/21-08/31/26
Role: **Co-Investigator** (PI: M. Yin)
2. Source: Merck & Co, Inc. MISP 60669
Title: COVID-19 and Vaccine Confidence
Dates: 02/16/21-02/15/22
Role: **Co-Investigator** (PI: Narayanan)
3. Source: FDA, R01FD003902
Title: Teriparatide for idiopathic osteoporosis in premenopausal women: a phase 2 study
Dates: 09/15/11 – 12/31/20, Total costs: \$2,839,929
Role: **Sub-Award Principal Investigator** and **Co-Investigator** (mPI: E. Shane, A. Cohen)
4. Source: Columbia University, CTSA, UL1TR001873, Special Populations Pilot Award
Title: Psychosocial stressors and ambulatory blood pressure in young adults with perinatal-acquired HIV
Dates: 06/01/19 – 05/31/20, Total costs: \$40,000
Role: **Co-Investigator** (PI: M. Yin)
5. Source: NIH, NIA, R21AG056175
Title: Biological aging in older HIV-infected African Americans
Dates: 09/01/17 – 05/31/20, Total costs: \$440,000
Role: **Co-Investigator** (mPI: S. Arpadi, M. Yin)
6. Source: Columbia University, CTSA, UL1TR001873, Special Populations Pilot Award
Title: Biological aging in young adults with perinatal-acquired HIV
Dates: 06/01/18 – 05/31/19, Total costs: \$40,000
Role: **Co-Investigator** (PI: S. Arpadi)
7. Source: NIH, NICHD/NIAID, U01HD080441
Title: Early neonatal treatment and immune quiescence

- Dates: 05/05/14 – 04/30/19, Total costs: \$5,067,745
Role: **Co-Investigator** (PI: L. Kuhn)
8. Source: NIH, NICHD, R01HD073952
Title: Host epigenetic and mitochondrial function in HIV-infected children
Dates: 08/01/12 – 07/31/18, Total costs: \$3,704,405
Roles: **Co-Investigator** (PI: L. Kuhn)
 9. Source: NIH, NICHD, R01HD073977
Title: Bone health in perinatally HIV-infected South African children on antiretrovirals
Dates: 07/01/12 – 06/30/18, Total costs: \$3,579,135
Roles: **Co-Investigator** (mPI: S. Arpadi, M. Yin)
 10. Source: Office of the Provost, Hybrid Learning Course Redesign
Title: Principles of epidemiology: a flipped classroom proposal
Dates: 05/01/15 – 04/30/16, Total costs: \$20,000
Role: **Co-Investigator** (mPI: S. Martins, K. Keyes)

PUBLICATIONS:

A. Refereed Original Article in Journal

1. Knox J, Kutner BA, **Shiau S**, Winterhalter FS, Wu Y, Hirsch-Moverman Y, El-Sadr WM, Colson PW, Franks J. Assessing the Information-Motivation-Behavioral Skills model to predict pre-exposure prophylaxis adherence among Black gay, bisexual and other sexual minority men and transgender women in a community setting in Harlem, New York. *AIDS and Behavior*. 2022 Jul. PMID: 35098392.
2. Shane E, **Shiau S**, Recker RR, Lappe JM, Agarwal S, Kamanda-Kosseh M, Bucovsky M, Stubby J, Cohen A. Denosumab after teriparatide in premenopausal women with idiopathic osteoporosis. *J Clin Endocrinol Metab*. 2022 Mar;107(4):e1528-e1540. PMID: 34849989.
3. Goetz TG, Nair N, **Shiau S**, Recker RR, Lappe JM, Dempster DW, Zhou H, Guo X, Shen W, Nickolas TL, Kamanda-Kosseh M, Bucovsky M, Stubby J, Shane E, Cohen A. In premenopausal women with idiopathic osteoporosis, lower bone formation rate is associated with higher body fat and higher IGF-1. *Osteoporosis International*. 2022 Mar. PMID: 34665288.
4. Wu M, **Shiau S**, Strehlau R, Liberty A, Patel F, Burke M, Murnane PM, Violari A, Yin MT, Abrams EJ, Kuhn L, Arpadi SM. Disclosure to South African children about their own HIV status over time. *AIDS Care*. 2021 Dec: 1-7. PMID: 34930060.
5. **Shiau S**, Yu W, Jacobson DL, Nichols S, McFarland EJ, Chen JS, Dirajlal-Fargo S, Surowiec K, Geffner M, Jao J for the Pediatric HIV/AIDS Cohort Study (PHACS). Components of metabolic syndrome associated with lower neurocognitive performance in youth with perinatally-acquired HIV and youth who are HIV-exposed uninfected. *J Neurovirology*. 2021 Oct;27(5):702-715. PMID: 34524627.
6. Jacob S, Bridgeman M, Kim H, Toscani M, Kohler K, **Shiau S**, Jimenez H, Barone J, Narayanan N. Pharmacists' perceptions and drivers of immunization practices for COVID-19 vaccines: results of a nationwide survey prior to COVID-19 vaccine emergency use authorization. *Pharmacy*. 2021 Jul 26;9(3):131. PMID: 34449708.
7. Braithwaite K, McPherson T, Shen Y, Arpadi SM, **Shiau S**, Sorour G, Technau KG, Yin, MT. Bone outcomes in virally suppressed youth with HIV switching to tenofovir disoproxil fumarate. *South Afr J HIV Med*. 2021 Aug 5;22(1):1243. PMID: 34522425
8. Joyce B, Liu H, Weng L, Wang J, Zheng Y, Nannini D, Drong A, **Shiau S**, Li W, Leng J, Shen Y, Gao R, Baccarelli A, Hu G, Hou L. Novel epigenetic link between gestational diabetes mellitus and macrosomia. *Epigenomics*. 2021 Aug. PMID: 34337972.
9. Kuhn L, Paximadis M, Da Costa Dias B, Shen Y, Mncube S, Strehlau R, **Shiau S**, Patel F, Burke M, Technau KG, Sherman G, Loubser S, Abrams EJ, Tiemessen CT, for the LEOPARD study team. Predictors of cell-associated HIV-1 DNA over one year in very early treated infants. *Clin Infect Dis*. 2022 Mar. PMID: 34185838.
10. **Shiau S**, Arpadi SM, Shen Y, Cantos A, Ramon cv, Shah J, Jang G, Manly JJ, Brickman AM, Baccarelli AA, Yin MT. Epigenetic aging biomarkers associated with cognitive impairment in older African American adults with HIV. *Clin Infect Dis*. 2021 Dec;73(11):1982-1991. PMID: 34143869

11. Shen Y, **Shiau S**, Strehlau R, Burke M, Patel F, Thurman C, Rizkalla B, Dymrna G, Kuhn L, Coovadia A, Yin MT, Arpadi SM. Persistently lower bone mass and bone turnover among South African children living with well-controlled HIV. *AIDS*. 2021. PMID: 34127577
12. **Shiau S**, Strehlau R, Shen Y, He Yun, Patel F, Burke M, Abrams EJ, Tiemessen C, Wang S, Kuhn L. Virologic response to very early HIV treatment in neonates. *J Clin Med*. 2021, 10(10), 2074. PMID: 34066021.
13. Shalekoff S, Loubser S, Da Costa Dias B, Strehlau R, **Shiau S**, Wang S, He Y, Abrams EJ, Kuhn L, Tiemessen CT. Normalization of B cell subsets but not T follicular helper phenotypes in infants with very early antiretroviral treatment. *Front Pediatr*. 2021 Apr 29;9:618191. PMID: 33996678.
14. Potterton J, Strehlau R, **Shiau S**, Comley-White N, Kuhn L, Arpadi S. Muscle strength in young children perinatally infected with HIV who initiated antiretroviral therapy early. *South African Journal of Child Health*. 2021;15(2):107-111.
15. Aguayo L, Li W, Joyce BT, Leng J, Zheng Y, **Shiau S**, Liu H, Wang L, Gao R, Baccarelli A, Hu G, Hou L. Risks of macrosomia associated with Catechol-O-Methyltransferase genotypes and genetic-epigenetic interactions among children with and without gestational diabetes exposure. *Child Obes*. 2021 Apr. PMID: 33826421.
16. **Shiau S**, Cantos A, Ramon CV, Shen Y, Shah J, Jang G, Baccarelli AA, Arpadi SM, Yin MT. Epigenetic age in young African American adults with perinatally-acquired HIV. *J Acquir Immune Defic Syndr*. 2021 Mar. PMID: 33765682.
17. Martino RJ, **Shiau S**, Krause KD, Halkitis P. Event-level patterns of methamphetamine and poly-drug use among millennial sexual minority men: the P18 cohort study. *Addict Behav*. 2021 Jan;117:106831. PMID: 33588290.
18. **Shiau S**, Brummel SS, Kennedy EM, Hermetz K, Hazra R, Spector SA, Williams PL, Kacenek D, Smith R, Drury S, Agwu A, Ellis A, Patel K, Seage GR, Van Dyke R, Marsit CJ. Longitudinal changes in epigenetic age in youth with perinatally-acquired HIV (YPHIV) and youth who are perinatally HIV-exposed uninfected. *AIDS*. 2021 Apr;35(5):811-819. PMID: 33587437.
19. Dalsania AK, Fastiggi MJ, Kahlam A, Shah R, Patel K, **Shiau S**, Rokicki S, Dalla Piazza M. The relationship between social determinants of health and racial disparities in COVID-19 mortality. *J Racial Ethn Health Disparities*. 2021 Jan:1-8. PMID: 33403652.
20. Bhatt PJ, **Shiau S**, Brunetti L, Xie Y, Solanki K, Khalid S, Mohayya S, Au PH, Pham C, Uprety P, Nahass R, Narayanan N. Risk factors and outcomes of hospitalized patients with severe COVID-19 and secondary bloodstream infections: a multicenter, case-control study. *Clin Infect Dis*. 2020 Nov 20:ciaa1748. PMID: 33216875.
21. Leisher S, Balalian A, Reinebrant H, **Shiau S**, Flenady V, Kuhn L, Morse S. Reporting of stillbirths and other pregnancy losses in Zika-affected pregnancies: A systematic review. *Trop Med Int Health*. 2021 Feb;26(2):133-145. PMID: 33164278.
22. Jacobson D, Zhe Liu J, Lindsey JC, **Shiau S**, Coull B, Aldrovandi G. Immune markers and their association with bone health in youth with perinatally-acquired HIV. *AIDS Res Hum Retroviruses*. 2021 Feb;37(2):122-129. PMID: 33066711.
23. Cohen A, **Shiau S**, Nair N, Recker RR, Lappe JM, Dempster DW, Nickolas TL, Zhou H, Agarwal S, Kamanda-Kosseh M, Bucovsky M, Williams JM, McMahon DJ, Stubby J, Shane E. Effect of teriparatide on bone remodeling and density in premenopausal idiopathic osteoporosis: a phase II trial. *J Clin Endocrinol Metab*. 2020 Oct 1;105(10):dgaa489. PMID: 32876328.
24. Patel F, **Shiau S**, Strehlau R, Shen Y, Burke M, Paximadis M, Shalekoff S, Schramm D, Technau KG, Sherman GG, Coovadia A, Tiemessen CT, Abrams EJ, Kuhn L. Low pretreatment viral loads in infants with HIV in an era of high-maternal antiretroviral therapy coverage. *Pediatr Infect Dis J*. 2021 Jan;40(1):55-59. PMID: 32876328.
25. **Shiau S**, Bender AA, O'Halloran JA, Sundermann E, Aggarwal J, Althoff KN, Baker JV, Deeks SG, Fried LP, Karpiak S, Karris M, Marcotte T, Nachega JB, Margolick JB, Erlandson KM, Moore DJ. The Current State of HIV and Aging: Findings Presented at the 10th International Workshop on HIV and Aging. *AIDS Res Hum Retroviruses*. 2020 Dec;36(12):973-981. PMID: 32847368.
26. Su J, **Shiau S**, Arpadi SM, Strehlau R, Burke M, Patel F, Kuhn L, Coovadia A, Yin MT, CHANGES Bone Study Team. Switch to efavirenz attenuates lipoatrophy in girls with perinatal HIV. *J Pediatr Gastroenterol Nutr*. 2021 Jan 1;72(1):e15-e20. PMID: 32804904.
27. **Shiau S**, Evans H, Strehlau R, Shen Y, Burke M, Liberty A, Coovadia A, Abrams EJ, Yin MT, Violari A, Kuhn L, Arpadi SM. Behavioral functioning and quality of life in South African children living with HIV on antiretroviral therapy. *J Pediatr*. 2020 Dec;227:308-313.e2. PMID: 32614694.

28. **Shiao S**, Wang L, Liu H, Zheng Y, Drong A, Joyce BT, Wang J, Li W, Leng J, Shen Y, Gao R, Hu G, Hou L, Baccarelli AA. Prenatal gestational diabetes mellitus exposure and accelerated offspring DNA methylation age in early childhood. *Epigenetics*. 2020 Jul;1-10. PMID: 32614694.
29. **Shiao S**, Yin MT, Strehlau R, Shen J, Abrams EJ, Coovadia A, Kuhn L, Arpadi SM. Bone turnover markers in children living with HIV remaining on ritonavir-boosted lopinavir or switching to efavirenz. *Bone*. 2020 Sep;138:115500. PMID: 32590137.
30. Morris SE, Dziobek-Garrett L, Strehlau R, Schröter J, **Shiao S**, Anelone AJN, Paximadis M, de Boer RJ, Abrams EJ, Tiemessen CT, Kuhn L, Yates AJ. Quantifying the dynamics of HIV decline in perinatally-infected neonates on antiretroviral therapy. *J Acquir Immune Defic Syndr*. 2020 Oct;85(2):209-218. PMID: 32576731.
31. **Shiao S**, Krause KD, Valera P, Swaminathan S, Halkitis PN. The burden of COVID-19 in people living with HIV: a syndemic perspective. *AIDS Behav*. 2020 Aug;24(8):2244-2249. PMID: 32303925.
32. **Shiao S**, Yin MT, Strehlau R, Burke M, Patel F, Kuhn L, Coovadia A, Norris S, Arpadi SM. Deficits in bone architecture and strength in children living with HIV on antiretroviral therapy. *J Acquir Immune Defic Syndr*. 2020 May 1;84(1):101-106. PMID: 32141960.
33. Kuhn L, Strehlau R, **Shiao S**, Patel F, Shen Y, Technau KG, Burke M, Sherman G, Coovadia A, Aldrovandi G, Hazra R, Tsai WY, Tiemessen CT, Abrams EJ, for the LEOPARD Study Team. Early antiretroviral treatment of infants to attain HIV remission. *EClinicalMedicine*. 2020 Jan;18:100241. PMID: 31993578.
34. **Shiao S**, Arpadi SM, Yin MT. Bone update: is it still an issue without tenofovir disoproxil fumarate? *Curr HIV/AIDS Rep*. 2020 Feb;17(1):1-5. PMID: 31953646.
35. Patel F, Thurman C, Liberty A, Burke M, Strehlau R, **Shiao S**, Coovadia A, Abrams EJ, Violari A, Kuhn L. Negative diagnostic PCR tests in school-aged, HIV-infected children on antiretroviral therapy since early life in Johannesburg, South Africa. *J Acquir Immune Defic Syndr*. 2020 Apr;83(4):381-389. PMID: 31913997.
36. Arpadi SM, Thurman CB, Patel F, Kaufman JJ, Strehlau R, Burke M, **Shiao S**, Coovadia A, Yin MT. Bone quality measured using calcaneal quantitative ultrasonography is reduced among children with HIV in Johannesburg, South Africa. *J Pediatr*. 2019 Dec;215:267-271.e2. PMID: 31474425.
37. **Shiao S**, Strehlau R, Wang S, Violari A, Do C, Patel F, Liberty A, Krupska I, Arpadi SM, Foca M, Coovadia A, Abrams EJ, Tycko B, Terry MB, Kuhn L. Distinct epigenetic profiles in children with perinatally-acquired HIV on antiretroviral therapy. *Sci Reports*. 2019 Jul;9(1):10495. PMID: 31324826.
38. **Shiao S**, Arpadi SM, Burke M, Thurman C, Patel F, Strehlau R, Abrams EJ, Violari A, Kuhn L. Educational delays among children living with perinatally-acquired HIV in Johannesburg, South Africa. *AIDS Care*. 2019 Jul;1-7. PMID: 31288549.
39. Shen J, Liberty A, **Shiao S**, Strehlau R, Pierson S, Patel F, Wang L, Burke M, Violari A, Abrams EJ, Arpadi SM, Foca M, Kuhn L. Mitochondrial impairment in well-suppressed perinatally HIV-infected children on antiretroviral therapy. *AIDS Res Hum Retroviruses*. 2019 Jun. PMID: 31179720.
40. Strehlau R, Paximadis M, Patel F, Burke M, Technau KG, **Shiao S**, Abrams EJ, Sherman GG, Ledwaba J, Mazanderani AH, Tiemessen CT, Kuhn L. HIV diagnostic challenges in breast-fed infants of mothers on antiretroviral therapy. *AIDS*. 2019 May. PMID: 31149944.
41. Mazanderani AH, Kufa T, Technau KG, Strehlau R, Patel F, **Shiao S**, Burke M, Kuhn L, Abrams EJ, Sherman GG. Early infant diagnosis HIV-1 PCR cycle-threshold predicts infant viral load at birth. *J Clin Virol*. 2019 Mar;114:21-25. PMID: 30903987.
42. Hsieh E, **Shiao S**, Nolan O, Gibert CL, Bedimo RJ, Rodriguez-Barradas MC, Justice AC, Womack JA, Yin MT. Increased fragility fracture rates in older men with osteomyelitis. *Clin Infect Dis*. 2019 Feb. PMID: 30715288.
43. Technau KG, Strehlau R, Patel F, **Shiao S**, Burke M, Conradie M, Sorour G, Sherman GG, Coovadia A, Murnane PM, Abrams EJ, Kuhn L. 12-month outcomes of HIV-infected infants identified at birth at one maternity site in Johannesburg, South Africa: an observational cohort study. *Lancet HIV*. 2018 Nov. pii: S2352-3018(18)30251-0. PMID: 30416043.
44. **Shiao S**, Arpadi SM, Strehlau R, Shen J, Violari A, Foca M, Patel F, Liberty A, Wang S, Terry MB, Abrams EJ, Yin M, Coovadia A, Kuhn L. Biomarkers of aging in HIV-infected children on suppressive antiretroviral therapy. *J Acquir Immune Defic Syndr*. 2018 Aug;78(5):549-556. PMID: 29771780.
45. **Shiao S**, Arpadi SM, Abrams EJ, Kuhn L. Early antiretroviral therapy in HIV-infected infants: can it lead to HIV remission? *Lancet HIV*. 2018 May;5(5):e250-e258. PMID: 29739699.

46. Ramteke S, **Shiau S**, Foca M, Strehlau R, Pinillos F, Patel F, Violari A, Liberty A, Kuhn L, Arpadi SM. Patterns of growth, body composition, and lipid profiles in a South African cohort of HIV-infected and uninfected children: a cross-sectional study. *J Pediatric Infect Dis Soc.* 2018 May;7(2):143-150. PMID: 28481997.
47. Kuhn L, Paximadis M, da Costa Dias B, Loubser S, Strehlau R, Patel F, **Shiau S**, Coovadia A, Abrams EJ, Tiemessen C. Age at antiretroviral therapy initiation and cell-associated HIV-1 DNA levels in HIV-1-infected children. *PLoS One.* 2018 Apr;13(4):e0195514. PMID: 29649264. PMCID: PMC5896970.
48. **Shiau S**, Yin MT, Strehlau R, Patel F, Mbete N, Kuhn L, Coovadia A, Arpadi SM. Decreased bone turnover in HIV-infected children on antiretroviral therapy. *Arch Osteoporos.* 2018 Apr;13(1):40. PMID: 29623447. PMCID: PMC5886991.
49. **Shiau S***, Kahn L*, Platt J, Li C, Guzman J, Kornhauser ZG, Keyes K, Martins S. Evaluation of a flipped classroom approach to learning introductory epidemiology. *BMC Med Educ.* 2018 Apr;18(1):63. PMID: 27427876. PMCID: PMC5879803. *denotes equal contribution
50. Strehlau R, **Shiau S**, Arpadi SM, Patel F, Pinillos F, Tsai WY, Coovadia A, Abrams EJ, Kuhn L. Substituting abacavir for stavudine in children who are virally-suppressed without lipodystrophy: randomised clinical trial in Johannesburg, South Africa. *J Pediatric Infect Dis Soc.* 2018 Jan. PMID: 29373687.
51. Chen SY, Griffin BM, Mancuso D, **Shiau S**, DiMattia M, Cellum I, Boyd KH, PrevotEAU C, Kohlberg GD, Spitzer JB, Lalwani AK. The development and validation of the speech quality instrument. *Laryngoscope.* 2017 Dec; PMID: 29219185.
52. Kuhn L, **Shiau S**. The pharmacological treatment of acute HIV infection in neonates. *Expert Rev Clin Pharmacol.* 2017 Dec;10(12):1353-1361. PMID: 29098898.
53. Arpadi SM, **Shiau S**, Violari A. Routine viral load monitoring in infants and children in low- and middle-income countries: challenges and opportunities. *J Int AIDS Soc.* 2017 Nov;20 Suppl 7:32-36. PMID: 29171190.
54. Murnane PM, Strehlau R, **Shiau S**, Patel F, Mbete N, Hunt G, Abrams EJ, Coovadia A, Kuhn L. Reply to Van de Wijer et al. *Clin Infect Dis.* 2017 Oct. PMID: 29088332.
55. Spitzer JB, Cellum I, Bosworth C, **Shiau S**, Lalwani AK. Multi-year longitudinal study of electrode impedance stability. *Otolaryngol Curr Trends.* 2017 Sep; JOCT-105.
56. Agarwal M, **Shiau S**, Larson E. Repeat gram-negative hospital-acquired infections and antibiotic susceptibility: a systematic review. *J Infect Public Health.* 2017 Oct. pii: S1876-0341(17)30259-9. PMID: 29066020. PMCID: PMC5910289.
57. Technau KG, Mazanderani AH, Kuhn L, Hans L, Strehlau R, Abrams EJ, Conradie M, Coovadia A, Mbete N, Murnane PM, Patel F, **Shiau S**, Tiemessen CT, Sherman GG. Prevalence and outcomes of HIV-1 diagnostic challenges in a busy birth testing programme. *J Int AIDS Soc.* 2017 Aug;20(Suppl 6):21761. PMID: 28872276.
58. Murnane PM, Strehlau R, **Shiau S**, Patel F, Mbete N, Hunt G, Abrams EJ, Coovadia A, Kuhn L. Switching to efavirenz versus remaining on ritonavir-boosted lopinavir in HIV-infected children exposed to nevirapine: long-term outcomes of a randomized trial. *Clin Infect Dis.* 2017 Aug;65(3):477-485. PMID: 28419200.
59. **Shiau S**, Webber A, Strehlau R, Patel F, Coovadia A, Kozakowski S, Brodlie S, Yin MT, Kuhn L, Arpadi SM. Dietary inadequacies in HIV-infected and uninfected school-aged children in Johannesburg, South Africa. *J Pediatr Gastroenterol Nutr.* 2017 Sep;65(3)332-337. PMID: 28333766.
60. **Shiau S**, Arpadi SM, Yin MT, Martins S. Patterns of drug use and HIV infection among adults in a nationally representative sample. *Addict Behav.* 2017 May;68:39-44. PMID: 28088742. PMCID: PMC5303613.
61. Murnane PM, Sigamoney S, Pinillos F, **Shiau S**, Strehlau R, Patel F, Liberty A, Abrams EJ, Arpadi SM, Coovadia A, Violari A, Kuhn L. Extent of disclosure: what perinatally HIV-infected children have been told about their own HIV status. *AIDS Care.* 2017 Mar;29(3):378-386. PMID: 27569657. PMCID: PMC5318188.
62. Wong M, Myer L, Zerbe A, Phillips T, Petro G, Mellins CA, Remien RH, **Shiau S**, Brittain K, Abrams EJ. Depression, alcohol use, and stigma in younger versus older HIV-infected pregnant women initiating antiretroviral therapy in Cape Town, South Africa. *Arch Womens Ment Health.* 2017 Feb;20(1):149-159. PMID: 27815628.
63. **Shiau S**, Strehlau R, Technau KG, Patel F, Arpadi SM, Coovadia A, Abrams EJ, Kuhn L. Early age at start of antiretroviral therapy associated with better virologic control after initial suppression in HIV-infected infants. *AIDS.* 2017 Jan;31(3):355-364. PMID: 27828785. PMCID: PMC5233647.

64. Ramteke S, Kaufman JJ, Arpadi SM, **Shiau S**, Strehlau R, Patel F, Mbetse N, Coovadia A, Yin MT. Unusually high calcaneal speed of sound measurements in children with small foot size. *Ultrasound Med Biol*. 2017 Jan;43(1):357-361. PMID: 27692859. PMCID: PMC5300769.
65. Arpadi SM, **Shiau S**, Strehlau R, Patel F, Kuhn L, Coovadia A, McMahon DJ, Kaufman J, Yin MT. Efavirenz is associated with higher bone mass in South African children with HIV. *AIDS*. 2016 Oct;30(16):2459-2467. PMID: 27427876. PMCID: PMC5069169.
66. Yin MT, **Shiau S**, Rimland D, Gibert C, Bedimo RJ, Rodriguez-Barradas M, Harwood K, Aschheim J, Justice AC, Womack JA. Fracture prediction with FRAX in older HIV-infected and uninfected men. *J Acquir Immune Defic Syndr*. 2016 Aug;72(5):513-20. PMID: 27003493. PMCID: PMC4942335.
67. Greenberg H, Leeder S, **Shiau S**. The lack of a non-communicable disease curriculum threatens the relevance of global public health education. *J Public Health*. 2016 Jun;38(2):e1-4. PMID: 26276549.
68. Wong M, **Shiau S**, Yin MT, Strehlau R, Patel F, Coovadia A, Micklesfield L, Kuhn L, Arpadi SM. Decreased vigorous physical activity in HIV-infected school-aged children in Johannesburg, South Africa. *J Pediatr*. 2016 May;172:103-9. PMID: 26922104. PMCID: PMC4846500.
69. Coovadia A, Abrams EJ, Strehlau R, **Shiau S**, Pinillos F, Martens L, Patel F, Hunt G, Tsai WY, Kuhn L. Efavirenz-based antiretroviral therapy among nevirapine-exposed HIV-infected children in South Africa: a randomized clinical trial. *JAMA*. 2015 Nov;314(17):1808-17. PMID: 26529159. PMCID: PMC4655876.
70. Kuhn L, Schramm DB, **Shiau S**, Strehlau R, Pinillos F, Technau KG, Coovadia A, Abrams EJ, Puren A, Tiemessen CT. Young age at start of antiretroviral therapy and negative HIV antibody results in HIV-infected children when suppressed. *AIDS*. 2015 Jun;29(9):1053-60. PMID: 25870988. PMCID: PMC4538987.
71. Lin YY, **Shiau S**, Fang CT. Risk factors for invasive *Cryptococcus neoformans* diseases: a case-control study. *PLoS One*. 2015 Mar;10(3):e0119090. PMID: 25747471. PMCID: PMC4352003.
72. Arpadi SM, **Shiau S**, Marx-Arpadi C, Yin MT. Bone health in HIV-infected children, adolescents, and young adults: a systematic review. *J AIDS Clin Res*. 2014 Nov;5:374. PMID: 26504618 PMCID: PMC4618404.
73. Greenberg H, **Shiau S**. The vulnerability of being ill informed: the Trans-Pacific Partnership Agreement and global public health. *J Public Health (Oxf)*. 2014 Sep;36(3):355-7. PMID: 25174038.
74. Dong HV, Cortés YI, **Shiau S**, Yin MT. Osteoporosis and fractures in HIV/HCV-coinfection: a systematic review and meta-analysis. *AIDS*. 2014 Sep;28(14):2119-31. PMID: 24977441. PMCID: PMC4940983.
75. **Shiau S**, Kuhn L. Antiretroviral treatment in HIV-infected infants and young children: novel issues raised by the Mississippi baby. *Expert Rev Anti Infect Ther*. 2014 Mar;12(3):307-18. PMID: 24506199.
76. **Shiau S**, Arpadi SM, Strehlau R, Martens L, Coovadia A, Abrams EJ, Kuhn L. Sex differences in responses to antiretroviral treatment in South African HIV-infected children on ritonavir-boosted lopinavir and nevirapine-based treatment. *BMC Pediatr*. 2014 Feb;14:39. PMID: 24521425. PMCID: PMC3927631.
77. **Shiau S**, Broun EC, Arpadi S, Yin MT. Incident fractures in HIV-infected individuals: a systematic review and meta-analysis. *AIDS*. 2013 Jul;27(12):1949-57. PMID: 24126140. PMCID: PMC4030545.
78. **Shiau S**, Arpadi SM, Strehlau R, Martens L, Patel F, Coovadia A, Abrams EJ, Kuhn L. Initiation of antiretroviral therapy before 6 months of age is associated with faster growth recovery in South African children perinatally infected with HIV. *J Pediatr*. 2013 Jun;162(6):1138-45. PMID: 23312691. PMCID: PMC3640753.
79. Arpadi SM, **Shiau S**, Strehlau R, Martens L, Patel F, Coovadia A, Abrams EJ, Kuhn L. Metabolic abnormalities and body composition of HIV-infected children on ritonavir-boosted lopinavir-based or nevirapine-based antiretroviral therapy. *Arch Dis Child*. 2013 Apr;98(4):258-64. PMID: 23220209. PMCID: PMC4533934.
80. Bishai D, Liu L, **Shiau S**, Wang H, Tsai C, Liao M, Prakash S, Howard T. Quantifying school officials' exposure to bacterial pathogens at graduation ceremonies using repeated observational measures. *J Sch Nurs*. 2011 Jun;27(3):219-24. PMID: 21562098.

B. Books, Monographs and Chapters

1. **Shiau S**, Reif L. Growing Up with HIV/AIDS. In *Oxford Bibliographies in Childhood Studies*. Ed. Heather Montgomery. New York: Oxford University Press, 2019.

2. **Shiau S**, Arpadi SM, Yin MT. HIV/AIDS and Bone Health. In Nutrition and Bone Health. eds. Horlick M and Nieves JW. Humana Press, 2nd Edition, 2015.
3. Greenberg H, **Shiau S**. Nutrition, Public Health and Global Trade. In Preventative Nutrition: The Comprehensive Guide for Professionals. Eds Bendich and Deckelbaum. Humana Press, 5th Edition, 2015.

C. Patents Held – *None*

D. Other Articles (Reviews, Editorials, etc.) In Journals; Chapters; Books; Other Professional Communications

1. **Shiau S**. Was a baby actually cured of HIV? The 2x2 Project. May 27, 2014.

E. Abstracts – *See Presentations*

F. Reports

PRESENTATIONS:

A. Invited Talks and Seminars

1. **Shiau S**. “Aging with HIV and Comorbidities Across the Lifespan: My Career So Far.” Columbia University T32 Substance Abuse Training Seminar. (29 Mar 2022). Virtual.
2. **Shiau S**. “Metabolic syndrome and HIV in children”. HIV Online Provider Education (HOPE) Program and Harvard University Center for AIDS Research Conference. (25 Jan 2022). Virtual.
3. **Featured Panelist**, Picture a Scientist: Women Scientists Who Lead. Rutgers Biomedical Health Sciences (8 Dec 2021). Virtual.
4. **Shiau S** and English D. “Curriculum Assessment for Diversity, Equity, and Inclusion: Our Experiences at Rutgers School of Public Health.” LSUHSC School of Public Health Curriculum Committee Meeting (15 Oct 2021). Virtual.
5. **Shiau S**. “Experiences of the COVID-19 pandemic among adults living with HIV accessing care in Essex County, New Jersey.” CCRP2 Research-In-Progress Meeting (21 Sep 2021). Virtual.
6. **Shiau S**. “Aging with HIV and Comorbidities Across the Lifespan: Clues from the Epigenome.” National CTSA/CLIC Integration Across the Lifespan Committee (24 Aug 2021). Virtual.
7. **Shiau S**. “Basic Data Visualization in R for New Users.” NJ ACTS Biostatistics and Epidemiology Workshop Series (4 Mar 2021). Virtual.
8. **Shiau S**. “Aging with HIV and Comorbidities Across the Lifespan: Clues from the Epigenome.” Columbia University Irving Institute for Clinical and Translational Research - Integrating Special Populations Seminar Series (22 Feb 2021). New York, NY.
9. **Shiau S**. “Aging with HIV and Comorbidities Across the Lifespan: Clues from the Epigenome.” Rutgers Institute for Health, Health Care Policy and Aging Research - Brown Bag Seminar (2 Dec 2020). New Brunswick, NJ.
10. **Shiau S**. “Longitudinal changes in epigenetic age in youth with perinatally-acquired HIV (YPHIV) and youth who are perinatally HIV-exposed uninfected.” Pediatric HIV/AIDS Cohort Study Spring 2020 Leadership Meeting (21 Apr 2020). Virtual.
11. **Shiau S**. “Aging with HIV: Growing Up and Growing Old.” HIV Center Grand Rounds. HIV Center for Clinical and Behavioral Studies at the New York State Psychiatric Institute and Columbia University (2 May 2019). New York, NY.
12. **Shiau S**. “Epigenetic profiles in South African children with perinatal HIV.” Pediatric HIV/AIDS Cohort Study Fall 2018 Network Meeting (18 Sep 2018). Bethesda, MD.
13. **Shiau S**. “HIV and Aging Across the Lifecourse.” HIV Rounds, Mount Sinai Institute for Advanced Medicine (13 Nov 2017). New York, NY.

B. International and National Conferences (*Lead Presenter, **Trainee)

1. **Shiau S**, Jacobson D, Huo Y, Kacanek D, Yee L, Williams D, Haddad L, Serghides L, Powis K, Williams PL, Jao J, for the Pediatric HIV/AIDS Cohort Study (PHACS). Unique profile of

- inflammation and immune activation in pregnant US women with HIV. 29th Conference on Retroviruses and Opportunistic Infections (12-16 Feb 2022). Virtual.
2. **Shiau S**, Wang Z, Strehlau R, Coovadia A, Marsit C, Wang S, Yin MT, Arpadi SM, Abrams EJ, Kuhn L. DNA methylation signatures associated with HIV suppression after treatment in infants. 29th Conference on Retroviruses and Opportunistic Infections (12-16 Feb 2022). Virtual.
 3. Kuhn L, Li F, Strehlau R, Tobin N, Patel F, **Shiau S**, Wang S, Brooker S, Abrams EJ, Tiemessen CT, Aldrovandi GM. Early antiretroviral therapy in neonates supports maturation of beneficial microbiota. 29th Conference on Retroviruses and Opportunistic Infections (12-16 Feb 2022). Virtual.
 4. **Bruce L**, **Shiau S**, Passannante M, Thomas P, Parikh A, Dardanello M. Seroprevalence of SARS-CoV-2 antibodies in patients tested at a large private multispecialty medical practice in New Jersey: A cross-sectional study. Delta Omega Poster Session. APHA 2021 Annual Meeting and Expo (24-27 Oct 2021). Hybrid.
 5. **Shiau S**, Arpadi SM, Shen Y, Cantos A, Ramon cv, Shah J, Jang G, Manly JJ, Brickman AM, Baccarelli AA, Yin MT. Epigenetic aging biomarkers associated with cognitive impairment in older African American adults with HIV. 28th Conference on Retroviruses and Opportunistic Infections (6-10 Mar 2021). Virtual.
 6. **Shiau S**, Brummel SS, Kennedy EM, Hermetz K, Hazra R, Spector SA, Williams PL, Kacenek D, Smith R, Drury S, Agwu A, Ellis A, Patel K, Seage GR, Van Dyke R, Marsit CJ. Longitudinal changes in epigenetic age in youth with perinatally-acquired HIV (YPHIV) and youth who are perinatally HIV-exposed uninfected. Poster Presentation. 23rd International AIDS Conference (6-10 Jul 2020). Virtual.
 7. **Shiau S**, Evans H, Strehlau R, Shen Y, Burke M, Liberty A, Coovadia A, Abrams EJ, Yin MT, Violari A, Kuhn L, Arpadi SM. Mental health and quality of life in children living with HIV on antiretroviral therapy. Poster Presentation. 23rd International AIDS Conference (6-10 Jul 2020). Virtual.
 8. Jacobson DL, DiMeglio LA, Borkowsky B, Brown T, Brummel S, Chen J, Kalkwarf HJ, McFarland B, Miller T, Mirza A, Patel K, **Shiau S**, Yu W. Bone accrual in children with perinatally acquired HIV compared to healthy children. Poster Presentation. International Workshop on HIV and Hepatitis Observational Databases (26-28 Mar 2020). Sitges, Spain.
 9. **Shiau S**, Yin MT, Ramon CV, Jang G, Cantos A, Shah J, Arpadi SM. Epigenetic age in young African American adults with perinatally-acquired HIV. Poster Presentation. 27th Conference on Retroviruses and Opportunistic Infections (8-11 Mar 2020). Boston, MA.
 10. Shen Y, Strehlau R, **Shiau S**, Patel F, Burke M, Kuhn L, Coovadia A, Yin MT, Arpadi SM. Bone mass remains higher among children on efavirenz vs. lopinavir/ritonavir. Poster Presentation. 27th Conference on Retroviruses and Opportunistic Infections (8-11 Mar 2020). Boston, MA.
 11. Braithwaite K, McPherson T, Arpadi SM, **Shiau S**, Sorour G, Technau K, Yin MT. Bone and renal outcomes in virologically controlled adolescents switching to TDF. Poster Presentation. 27th Conference on Retroviruses and Opportunistic Infections (8-11 Mar 2020). Boston, MA.
 12. Kuhn L, Paximadis M, da Costa Dias B, Mncube S, Strehlau R, Shen Y, **Shiau S**, Patel F, Burke M, Technau K, Loubser S, Abrams EJ, Tiemessen C. Predictors of the persisting viral reservoir in very early treated infants. Oral Presentation. 27th Conference on Retroviruses and Opportunistic Infections (8-11 Mar 2020). Boston, MA.
 13. Aguayo L, Liu H, Joyce BT, Weng L, Wang L, Wang J, Zheng Y, Nannini D, Drong A, **Shiau S**, Li W, Leng J, Gao R, Hu G, Baccarelli A, Hou L. Fighting obesity in the womb: lower risk for macrosomia among warriors. Poster Presentation. Obesity Week (3-7 Nov 2019). Las Vegas, NV.
 14. Knox J, **Shiau S**, Winterhalter FS, Wu Y, Franks J, Hirsch-Moverman Y, Ortega H, El-Sadr WM, Colson PW. Determinants of HIV pre-exposure prophylaxis (PrEP) adherence in Black men who have sex with men (MSM) and transgender women (TGW) in a community clinic in Harlem, NYC. Poster Presentation. APHA Annual Meeting and Expo (2-6 Nov 2019). Philadelphia, PA.
 15. Cohen A, **Shiau S**, Agarwal A, Kamanda-Kosch M, Bucovsky M, Williams J, Shane E, Recker RR, Lappe JM, Stubby J, Dempster DW, Zhou H. Teriparatide (TPTD) for premenopausal idiopathic osteoporosis (IOP): a randomized single switch-over trial. Poster Presentation. American Society for Bone and Mineral Research (ASBMR) Annual Meeting (20-23 Sep 2019). Orlando, FL.
 16. **Shiau S***, Wang L, Liu H, Zheng Y, Drong A, Joyce BT, Wang J, Li W, Leng J, Shen Y, Gao R, Hu G, Hou L, Baccarelli A. Gestational diabetes mellitus exposure and accelerated offspring epigenetic age in early childhood. Poster Presentation. Keystone Symposia Conference on Epigenetics and Human Disease (17-21 Mar 2019). Banff, Alberta, Canada.
 17. Joyce B, Liu H, Wang L, Wang J, Zheng Y, Nannini D, Drong A, **Shiau S**, Li W, Leng J, Shen Y, Gao R, Hu G, Baccarelli A, Hou L. A novel epigenetic link between gestational diabetes mellitus and

- macrosomia. Poster Presentation. American Heart Association EPI Lifestyle Meeting (5-8 Mar 2019). Houston, TX.
18. **Shiau S***, Yin MT, Strehlau R, Burke M, Patel F, Kuhn L, Coovadia A, Norris S, Arpadi SM. Lower bone strength by peripheral quantitative CT in children living with HIV. Poster Presentation. 26th Conference on Retroviruses and Opportunistic Infections (4-7 Mar 2019). Seattle, WA. Awarded New Investigator Scholarship Award.
 19. Cohen A, **Shiau S**, Nair N, Williams J, Recker RR, Lappe JM, Dempster DW, Zhou H, Kamanda-Kossch M, Bucovsky M, Stubby J, Shane E. In a randomized, placebo-controlled trial of teriparatide (TPTD) for premenopausal idiopathic osteoporosis (IOP), tissue-level bone formation rate at baseline and 3 months predicts bone density response. Poster Presentation. American Society for Bone and Mineral Research (ASBMR) Annual Meeting (28 Sep – 1 Oct 2018). Montreal, Canada.
 20. Cohen A, Nair N, **Shiau S**, Recker RR, Lappe JM, Dempster DW, Zhou H, Zhao B, Guo X, Kamanda-Kossch M, Bucovsky M, Stubby J, Shane E. Premenopausal women with idiopathic osteoporosis (PreMenIOP) and low bone formation have decreased responsiveness to teriparatide (TPTD) and evidence of IGF- 1 resistance in skeletal and non-skeletal tissues. Poster Presentation. American Society for Bone and Mineral Research (ASBMR) Annual Meeting (28 Sep – 1 Oct 2018). Montreal, Canada.
 21. Agarwal S, Cohen A, **Shiau S**, Kamanda-Kossch M, Bucovsky M, Guo XE, Shane E. Effects of teriparatide on bone microarchitecture and stiffness assessed by high resolution peripheral computed tomography (HR-pQCT) in premenopausal idiopathic osteoporosis (IOP). Poster Presentation. American Society for Bone and Mineral Research (ASBMR) Annual Meeting (28 Sep – 1 Oct 2018). Montreal, Canada.
 22. **Shiau S***, Burke M, Liberty A, Thurman C, Patel F, Strehlau R, Abrams EJ, Arpadi SM, Violari A, Kuhn L. Early age at ART initiation may mitigate educational delays associated with HIV. Poster Presentation. 10th International Workshop on HIV Pediatrics (20-21 Jul 2018). Amsterdam, Netherlands.
 23. Thurman C, Patel F, **Shiau S**, Strehlau R, Kuhn L, Burke M, Yin MT, Arpadi SM. Utility of calcaneal qualitative ultrasound to detect and monitor bone acquisition deficits in HIV-infected children in Johannesburg, South Africa. Poster Presentation. 10th International Workshop on HIV Pediatrics (20-21 Jul 2018). Amsterdam, Netherlands.
 24. Haeri Mazanderani A, Kufa T, Technau KG, Strehlau R, Patel F, **Shiau S**, Burke M, Kuhn L, Abrams EJ, Sherman GG. Early infant diagnosis HIV-1 PCR tests identify infants with high viral loads at birth: findings from a cohort study in Johannesburg, South Africa. Poster Presentation. 10th International Workshop on HIV Pediatrics (20-21 Jul 2018). Amsterdam, Netherlands.
 25. Strehlau R, Patel F, Burke M, Paximadis M, Technau K, **Shiau S**, Abrams EJ, Sherman GG, Tiemessen C, Kuhn L. Postnatal transmission or rebound of in utero HIV infection treated by antiretrovirals in maternal breastmilk? Poster Presentation. 10th International Workshop on HIV Pediatrics (20-21 Jul 2018). Amsterdam, Netherlands.
 26. Patel F, **Shiau S***, Strehlau R, Burke M, Paximadis M, Shalekoff S, Schramm D, Tiemessen C, Abrams EJ, Kun L. For the LEOPARD Study Team. Maternal antiretroviral therapy in pregnancy and neonate pre-treatment viral load. Poster Presentation. 24th Conference on Retroviruses and Opportunistic Infections (4-7 Mar 2018). Boston, MA.
 27. Shen J, Strehlau R, Liberty A, **Shiau S**, Patel F, Burke M, Violari A, Foca M, Arpadi SM, Kuhn L. For the CHANGES Study Team. Mitochondrial dysfunction in well-suppressed perinatally HIV-infected children on ART. Poster Presentation. 24th Conference on Retroviruses and Opportunistic Infections (4-7 Mar 2018). Boston, MA.
 28. **Shiau S***, Arpadi SM, Strehlau R, Shen J, Violari A, Foca M, Patel F, Liberty A, Wang S, Terry MB, Abrams EJ, Yin M, Coovadia A, Kuhn L. Limited evidence of biological aging in early-treated HIV-infected children. Oral Presentation. 8th International Workshop on HIV and Aging (2-3 Oct 2017). New York, NY.
 29. Strehlau R, **Shiau S**, Technau K, Patel F, Conradie M, Burke M, Sherman G, Coovadia A, Aldrovandi G, Tiemessen C, Abrams EJ, Kuhn L. Virological dynamics in HIV-infected infants following very early antiretroviral treatment. Oral Presentation. 9th International Workshop on HIV Pediatrics (21-22 Jul 2017). Paris, France.
 30. Paximadis M, **Shiau S**, Loubser S, Strehlau R, Dias B, Patel F, Coovadia A, Puren A, Abrams EJ, Kuhn L, Tiemessen C. Early initiation of antiretroviral treatment is associated with less HIV DNA in peripheral blood among HIV-infected children suppressed on treatment. Poster Presentation. 9th International Workshop on HIV Pediatrics (21-22 Jul 2017). Paris, France.

31. **Shiau S***, Strehlau R, Wang S, Violari A, Terry MB, Patel F, Abrams EJ, Liberty A, Arpadi SM, Coovadia A, Kuhn L. Epigenetic dysregulation of the major histocompatibility complex region in HIV-infected children on antiretroviral therapy. Poster Presentation. 9th International AIDS Society Conference (23-26 Jul 2017), IAS HIV Cure and Cancer Forum (22-23 Jul 2017), and 9th International Workshop on HIV Pediatrics (21-22 Jul 2017). Paris, France.
32. Agarwal M, **Shiau S**, Larson E. What is the association between repeat gram negative healthcare-associated infections and antibiotic susceptibility? A systematic review. Poster Presentation. APIC 44th Annual Educational Conference (14-16 Jun 2017). Portland, OR.
33. **Shiau S***, Yin MT, Strehlau R, Patel F, Mbete N, McMahon D, Kuhn L, Coovadia A, Arpadi SM. Decreased bone turnover in HIV-infected children on antiretroviral therapy. Poster Presentation. 8th International Conference on Children's Bone Health (10-13 Jun 2017). Würzburg, Germany.
34. Kuhn L, Technau KG, Strehlau R, **Shiau S**, Patel F, Sherman G, Tiemessen C, Aldrovandi G, Coovadia A, Abrams EJ. Treatment of acute HIV infection in neonates. Oral Presentation. 23rd Conference on Retroviruses and Opportunistic Infections (13-16 Feb 2017). Seattle, WA.
35. Arpadi SM, **Shiau S**, Strehlau R, Patel F, Mbete N, Kuhn L, Coovadia A, Yin MT. Durable gains in bone mass among South African children switching to efavirenz. Poster Presentation. 23rd Conference on Retroviruses and Opportunistic Infections (13-16 Feb 2017). Seattle, WA.
36. Arpadi SM, **Shiau S**, Strehlau R, Patel F, Mbete N, McMahon DJ, Kuhn L, Coovadia A, Yin MT. Decreased bone turnover in HIV-infected children on antiretroviral therapy. Oral Presentation. American Society for Bone and Mineral Research (ASBMR) Annual Meeting (16-19 Sep 2016). Atlanta, GA.
37. Knox J, Sandfort, TG, Dolezal, C, **Shiau S**, Lane T, Reddy, V. Pathways from Homonegativity to HIV Risk among black South African Men Who Have Sex with Men. Poster Presentation. 21st International AIDS Conference (18-22 Jul 2016). Durban, South Africa.
38. **Shiau S***, Arpadi SM, Strehlau R, Patel F, Mbete N, McMahon DJ, Kuhn L, Coovadia A, Yin MT. Decreased bone turnover in HIV-infected children on antiretroviral therapy. Oral Presentation. 8th International Workshop on HIV Pediatrics (15-16 Jul 2016). Durban, South Africa.
39. Strehlau R, Arpadi SM, **Shiau S**, Ramteke S, Patel F, Mbete N, Coovadia A, Abrams EJ, Kuhn L. Long-term lipodystrophy outcomes in stavudine-treated children randomised to remain on stavudine or switch to abacavir. Poster Presentation. 8th International Workshop on HIV Pediatrics (15-16 Jul 2016). Durban, South Africa.
40. **Shiau S***, Arpadi SM, Yin MT, Martins S. Patterns of drug use and HIV infection among adults in a nationally representative sample. Poster Presentation. Epidemiology Congress of the Americas (21-24 Jun 2016). Miami, FL.
41. **Shiau S***, Arpadi SM, Strehlau R, Violari A, Wang S, Patel F, Foca M, Coovadia A, Abrams EJ, Kuhn L. Dysregulated epigenome in perinatally HIV-infected children on ART. Poster Presentation. 22nd Conference on Retroviruses and Opportunistic Infections (22-25 Feb 2016). Boston, MA. Awarded Young Investigator Scholarship Award.
42. Murnane P, Strehlau R, **Shiau S**, Ramteke S, Patel F, Abrams EJ, Coovadia A, Kuhn L. Three year outcomes in PMTCT-exposed children switched to EFV once suppressed on LPVr. Oral Presentation. 22nd Conference on Retroviruses and Opportunistic Infections (22-25 Feb 2016). Boston, MA.
43. Arpadi SM, **Shiau S**, Strehlau R, Patel F, Kuhn L, Coovadia A, McMahon DJ, Kaufman J, Yin MT. Efavirenz is associated with higher bone mass in South African children with HIV. Oral Presentation. 22nd Conference on Retroviruses and Opportunistic Infections (22-25 Feb 2016). Boston, MA.
44. Yin MT, **Shiau S**, Strehlau R, Pinillos F, Patel F, Kuhn L, Coovadia A, McMahon DJ, Kaufman J, Arpadi SM. Decreased bone mass in perinatally HIV-infected school-aged South African children on antiretrovirals. Oral Presentation. 17th International Workshop on Co-morbidities and Adverse Drug Reactions in HIV (20-22 Oct 2015). Barcelona, Spain.
45. Nickolas T, **Shiau S**, Shane E, Rodriguez-Barradas M, Rimland D, Gibert CL, Bedimo RJ, Justice AC, Womack JA, Yin MT. FRAX underestimates hip fracture risk in older men with CKD. Oral Presentation. American Society for Bone and Mineral Research (ASBMR) Annual Meeting (9-12 Oct 2015). Seattle, WA.
46. Arpadi SM, **Shiau S**, Strehlau R, Pinillos F, Patel F, Kuhn L, Coovadia A, Ramteke S, Kaufman J. Yin MT. Decreased bone mass in perinatally HIV-infected school-aged South African children on antiretrovirals. Poster Presentation. American Society for Bone and Mineral Research (ASBMR) Annual Meeting (9-12 Oct 2015). Seattle, WA.
47. **Shiau S***, Yin MT, Strehlau R, Pinillos F, Patel F, Kuhn L, Coovadia A, Ramteke S, McMahon DJ, Kaufman J, Arpadi SM. Decreased bone mass in perinatally HIV-infected school-aged South African

- children on antiretrovirals. Oral Presentation. 7th International Workshop on HIV Pediatrics (17-18 Jul 2015). Vancouver, Canada. Awarded the Young Investigator Award.
48. Foca M, Wang L, Ramteke S, Strehlau R, **Shiau S**, Pinillos F, Yin MT, Patel F, Coovadia A, Arpadi SM, Abrams EJ, Kuhn L. Changes in mitochondrial enzyme function as a predictor of lipodystrophy. Poster Presentation. 8th International AIDS Society Conference (19-22 Jul 2015) and 7th International Workshop on HIV Pediatrics (17-18 Jul 2015). Vancouver, Canada.
 49. Wong M, **Shiau S**, Yin MT, Strehlau R, Patel F, Pinillos F, Coovadia A, Micklesfield L, Kuhn L, Arpadi SM. Decreased vigorous physical activity in South African HIV-infected school-aged children on antiretrovirals. Poster Presentation. 8th International AIDS Society Conference (19-22 Jul 2015) and 7th International Workshop on HIV Pediatrics (17-18 Jul 2015). Vancouver, Canada.
 50. Wong M, Myer L, Zerbe A, Phillips T, Petro G, Mellins CA, Remien RH, **Shiau S**, Abrams EJ. Psychosocial factors in younger versus older HIV-infected pregnant women initiating antiretroviral therapy in Cape Town, South Africa. Poster Presentation. 8th International AIDS Society Conference (19-22 Jul 2015). Vancouver, Canada.
 51. Ramteke S, **Shiau S**, Foca M, Strehlau R, Pinillos F, Patel F, Violari A, Liberty A, Arpadi SM, Kuhn L. Growth and lipid profiles in a South African cohort of HIV+ children and HIV- controls. Poster Presentation. 21st Conference on Retroviruses and Opportunistic Infections (23-26 Feb 2015). Seattle, WA.
 52. Arpadi SM, **Shiau S**, Strehlau R, Pinillos F, Patel F, Kuhn L, Coovadia A, Ramteke S, Kaufman J, Yin MT. Bone quality by ultrasonometry in South African HIV+ children and HIV- controls. Poster Presentation. 21st Conference on Retroviruses and Opportunistic Infections (23-26 Feb 2015). Seattle, WA.
 53. Yin MT, Skanderson M, **Shiau S**, Harwood K, Aschheim J, Rimland D, Gibert C, Rodriguez-Barradas M, Bedimo R, Womack J. Fracture prediction with modified-FRAX in older HIV-infected and uninfected men. Oral Presentation. 21st Conference on Retroviruses and Opportunistic Infections (23-26 Feb 2015). Seattle, WA.
 54. Strehlau R, **Shiau S**, Coovadia A, Abrams EJ, Martens L, Pinillos F, Arpadi SM, Kuhn L. Stavudine: a viable drug option for children in resource limited settings? Oral Presentation. 6th International Workshop on HIV Pediatrics (18-19 Jul 2014). Melbourne, Australia.
 55. Pinillos F, **Shiau S**, Strehlau R, Violari A, Patel F, Cassim H, Arpadi SM, Coovadia A, Abrams EJ, Kuhn L. Prevalence of pediatric HIV disclosure in a resource-limited setting. Poster Presentation. 6th International Workshop on HIV Pediatrics (18-19 Jul 2014). Melbourne, Australia.
 56. Kuhn L, Paximadis M, **Shiau S**, Strehlau R, Pinillos F, Technau KG, Schramm D, Coovadia A, Abrams EJ, Tiemessen C. HIV antibody detection in children who started antiretroviral treatment in infancy. Oral Presentation. 20th International AIDS Conference (20-25 Jul 2014) and 6th International Workshop on HIV Pediatrics (18-19 Jul 2014). Melbourne, Australia. Awarded the Prize for Excellence in HIV Research Related to Children.
 57. Dong HV, Cortés YI, **Shiau S**, Yin MT. Osteoporosis and fractures in HIV/HCV-coinfection: a systematic review and meta-analysis. Poster Presentation. 20th International AIDS Conference (20-25 Jul 2014). Melbourne, Australia.
 58. Greenberg H, Leeder S, **Shiau S**. An evaluation of global non-communicable disease in public health curricula. Poster Presentation. World Heart Federation (4-7 May 2014). Melbourne, Australia.
 59. **Shiau S***, Coovadia A, Technau KG, Strehlau R, Martens L, Pinillos F, Abrams EJ, Kuhn L. Greater virologic control in infants initiated on ART before 6 months of age. Oral Themed Discussion, Poster Presentation. 20th Conference on Retroviruses and Opportunistic Infections (3-6 Mar 2014). Boston, MA. Awarded Young Investigator Scholarship Award.
 60. Arpadi SM, **Shiau S**, Kaufman JJ, Coovadia A, Strehlau R, Pinillos F, Yin MT. Bone quality determination by ultrasonometry in young South African HIV-infected children. Poster Presentation. 20th Conference on Retroviruses and Opportunistic Infections (3-6 Mar 2014). Boston, MA.
 61. Coovadia A, Abrams EJ, Strehlau R, **Shiau S**, Martens L, Hunt G, Pinillos F, Morris L, Tsai WY, Kuhn L. Virologic efficacy of efavirenz maintenance therapy in nevirapine prophylaxis-exposed children. Oral Presentation. 20th Conference on Retroviruses and Opportunistic Infections (3-6 Mar 2014). Boston, MA.
 62. **Shiau S***, Arpadi SM, Strehlau R, Martens L, Coovadia A, Abrams EJ, Kuhn L. Sex differences in responses to antiretroviral treatment in South African HIV-infected children on ritonavir-boosted lopinavir and nevirapine-based treatment. Poster Presentation. 46th Society for Epidemiologic Research Meeting (18-21 Jun 2013). Boston, MA.

63. **Shiau S***, Arpadi SM, Strehlau R, Martens L, Patel F, Coovadia A, Abrams EJ, Kuhn L. Early initiation of ART before 6 months of age is associated with faster growth recovery in perinatally HIV-infected children in South Africa. Poster Presentation. 4th International Workshop on HIV Pediatrics (20-21 Jul 2012). Washington, DC.
64. **Shiau S***, Arpadi SM, Strehlau R, Martens L, Coovadia A, Abrams EJ, Kuhn L. Lipodystrophy syndrome in young HIV-infected children in South Africa who initiate antiretroviral treatment before 2 years of age. Poster Presentation. 19th Conference on Retroviruses and Opportunistic Infections (5-8 Mar 2012). Seattle, WA.
65. **Shiau S***, Arpadi SM, Strehlau R, Martens L, Coovadia A, Abrams EJ, Kuhn L. Body composition and metabolic abnormalities of perinatally HIV-infected children in South Africa on long-term ART. Oral Presentation and Poster Presentation. 6th International AIDS Society Conference (17-20 Jul 2011) and 3rd International Workshop on HIV Pediatrics (15-16 Jul 2011). Rome, Italy.
66. **Shiau S***, Fang CT. Epidemiology of *Cryptococcus neoformans* fungemia cases at National Taiwan University Hospital from 1980 through 2001 and implications for further studies. Oral Presentation. Taiwan Tech Trek Academic Conference (20 Aug 2010). Taipei, Taiwan.

C. Local Conferences (*Presenter)

1. **Shiau S***, Coovadia A, Technau KG, Strehlau R, Martens L, Pinillos F, Abrams EJ, Kuhn L. Greater virologic control in infants initiated on ART before 6 months of age. Poster Presentation. Columbia University Mailman School of Public Health Student Research Diversity Day (11 Apr 2014). New York, NY.
2. **Shiau S***, Leeder S, Greenberg H. Global non-communicable disease: where do public health schools stand? Poster Presentation. New York City Epidemiology Forum 1st Annual Conference (28 Feb 2014). New York, NY.
3. **Shiau S**, Arpadi SM, Strehlau R, Martens L, Coovadia A, Abrams EJ, Kuhn L. Sex differences in responses to antiretroviral treatment in South African HIV-infected children on ritonavir-boosted lopinavir and nevirapine-based treatment. Oral Presentation. Columbia University Mailman School of Public Health Student Research Diversity Day (19 Apr 2013). New York, NY.
4. **Shiau S***, Arpadi SM, Strehlau R, Martens L, Coovadia A, Abrams EJ, Kuhn L. Lipodystrophy syndrome in young HIV-infected children in South Africa who initiate antiretroviral treatment before 2 years of age. Poster Presentation. Columbia University Mailman School of Public Health Student Research Diversity Day (6 Apr 2012). New York, NY.
5. **Shiau S***, Arpadi SM, Strehlau R, Martens L, Coovadia A, Abrams EJ, Kuhn L. Body composition and metabolic abnormalities of perinatally HIV-infected children in South Africa on long-term ART. Poster Presentation. Columbia University Mailman School of Public Health Practicum Poster Day (28 Oct 2011). New York, NY. Awarded Best Poster Presentation – Infectious Disease Epidemiology Track.
6. **Shiau S***, Chang J, Limb C. Development of a program to test cochlear implant-mediated perception of Mandarin Chinese tone modulation. Poster Presentation. PURA Poster Session (20 Apr 2010). Baltimore, MD.

D. Public Media

1. Participation in Rutgers University Alumni Mini Lecture on “HIV in the Time of COVID 19.” Recording available at: <https://www.youtube.com/watch?v=Diz0vcMQmxA>