



Third Coast Center for AIDS Research 2023 Symposium

Chicago Researchers Advancing HIV Science

October 16, 2023

Northwestern Medicine Prentice Women's Hospital



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Welcome

The Third Coast Center for AIDS Research is thrilled to welcome you all to the 2023 CFAR Symposium in Chicago!

Research led by Chicago-based investigators has contributed to critical advancements across all disciplines of HIV science. These major advancements in HIV research requires collaboration across all disciplines, as well as with health departments and community partners. To that end, the symposium will be an opportunity—the first since the COVID-19 pandemic began—for local faculty to present and discuss progress in their collaborative HIV research and to identify opportunities for increased synergy between our institutions in the coming years.

The agenda and other information about this meeting are available at: thirdcoastcfar.org/third-coast-cfar-2023-symposium.

We invite users of X, formally known as Twitter, to share your experiences at the symposium with your local institutions and broader professional networks. Please tag or follow [@ThirdCoastCFAR](https://twitter.com/ThirdCoastCFAR).

Thank you for your participation. We look forward to an excellent symposium!

Sincerely,

The 2023 CFAR Symposium Planning Committee

Lena Al-Harathi, PhD
RUSH University

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Northwestern University

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Acknowledgements

Support for this symposium was provided by the Third Coast Center for AIDS Research (P30 AI117943). The national network of Centers for AIDS Research (CFAR) is co-funded by NIAID, NCI, NICHD, NHLBI, NIDA, NIA, NIDDK, NIGMS, NIMH, NIMHD, NINR, and NIDCR, with scientific management from the NIH Office of AIDS Research and the Fogarty International Center. The Symposium Planning Committee would like to thank the Office of the Dean of Northwestern University Feinberg School of Medicine and the Office of the Dean of the Biological Sciences Division at the University of Chicago for their generous institutional support for this symposium and the Third Coast CFAR.

About the Third Coast CFAR

“Make no little plans; they have no magic to stir men’s blood and probably themselves will not be realized. Make big plans; aim high in hope and work.”

Daniel Hudson Burnham (1846-1912)

Background

Like the transformational Chicago architect, Daniel Burnham, the Third Coast Center for AIDS Research (CFAR) has a grand vision – to end the HIV epidemic, with Chicago as a national model for high-impact research collaborations. Third Coast CFAR partners include Northwestern University and the University of Chicago, the Chicago and Illinois Departments of Public Health, and key community organizations, including Howard Brown Health, AIDS Foundation of Chicago, Center on Halsted, AllianceChicago, and many others.

Our Mission

To catalyze cross-institutional and cross-disciplinary HIV research that will end the HIV epidemic.



Third Coast CFAR Core Services

The Third Coast CFAR's Scientific Cores provide services to enhance ongoing HIV research and to support the development of new grant applications. Initial consultation is offered free of charge. A research navigator will help CFAR users identify funding for core services, when applicable.

Behavioral, Social, and Implementation Sciences (BSIS) Core

- Biostatistical consultation and analysis
- Data analysis
- Implementation science training and consultation
- Custom maps with Geographic Information Systems (GIS)
- Participant recruitment services
- Selection or development of social, behavioral, and person-reported outcomes measures

Viral Pathogenesis Core

- Custom assays for pro-inflammatory biomarkers
- Access to laboratory infrastructure, including BSL2+ facility and OMX microscopic imaging
- Development of study-specific experimentation methods
- HIV technician services
- Consultation in referral to specialized facilities for -omics research
- p24 Assays

Clinical Sciences Core

- Consultation for clinical research operations and project development
- IRB and regulatory consultation and navigation
- Clinic and provider-based study participant recruitment
- Procurement and processing of biological specimens, including mucosal cells and tissue, and access to banked plasma and cryopreserved cells
- Electronic Medical Record (EMR) data customized for HIV research
- Biostatistical consultation and analysis
- Data analysis

For more information about our core services, please visit [Find a CFAR Service](#) on the CFAR website or contact cfar@northwestern.edu.

Third Coast CFAR Awards

The Third Coast Center for AIDS Research [Development Core](#) aims to advance a robust HIV research agenda by investing in CFAR members and institutions. The Core provides funding to early career investigators, established investigators new to HIV research, and community partners.

Pilot Awards

[Pilot awards](#) are intended for key preliminary studies that will enable new NIH grant submissions. Third Coast CFAR faculty members who have not yet led an RO1 or equivalent NIH grant for HIV research are eligible. The Developmental Core has funded [47 high-impact pilot projects](#) between 2015 and 2023.

CFAR Administrative Supplements

Periodically, NIH releases a limited call for [short-term projects that are funded via supplement](#) to the NIH P30 center grant that supports the Third Coast CFAR. Topics are chosen to address emerging issues or areas of research and are administratively reviewed at NIH.

Ending the HIV Epidemic Supplements

To support the federal Ending the HIV Epidemic (EHE) initiative, NIH offers supplemental funds through the CFAR P30 grant for implementation research led by faculty and community- or health department-based partners. [Projects](#) are typically one to two years.

Community Mini-Awards

The Third Coast CFAR supports dissemination of HIV research and engagement between community members and investigators through [Community Mini-Awards](#). Applicants often propose integrating opportunities for engagement through CFAR participation in events that include space for co-sponsors.

Community Collaborative Awards

The Third Coast CFAR's [Community Collaborative Awards](#) are intended to support the exploration or development of new partnerships between community organizations and CFAR faculty members. Proposals focus on the development of academic-community partnerships that can lead to high priority HIV research projects in the future.

Third Coast CFAR Awards

K12 Career Development Program

The Third Coast CFAR's HIV-related Cardiovascular and Sleep Disorders [K12 Career Development Program](#) is a collaboration between the University of Chicago and Northwestern University (K12 HL143959; MPIs Schneider and Ardehali). Between 2018 and 2023, the program provided an interdisciplinary pathway to academic productivity to five early stage investigators. Scholars pursued training through the CFAR and local Clinical and Translational Science Awards and developed research projects that address HIV comorbidities.

Ending the HIV Epidemic Planning Awards

Between 2019 and 2021, the Developmental Core selected teams of EHE SWG members to develop science-practice partnerships that were supported by short-term EHE Planning Awards. The goal of this program was to pre-position EHE SWG members for future EHE funding opportunities. Seven teams successfully competed for NIH or CFAR EHE funding within two years of their planning award.

Basic Science Collaborative Innovation Awards

Following the 2021 CFAR symposium, the Developmental Core issued awards to new teams of basic scientists exploring high risk, high reward HIV research. Two teams have already successfully competed for longer-term NIH or CFAR funding to further pursue their work.

To learn more about CFAR funding, please visit: thirdcoastcfar.org/developmental-core.

Symposium Logistics

Location

We are excited to host the symposium at the [Northwestern Medicine Prentice Women's Hospital](#), 3rd floor conference center, located at 250 East Superior Street, Chicago, IL 60611.

Transportation

The closest bus stop to Prentice Women's Hospital is [Fairbanks and Superior, route 157](#). The closest train station is the Chicago station red line, located at [800 N State St](#). Please see the [CTA website](#) for transit routes and instructions to purchase a fare card if you don't have one already.

Registration

Attendees will pick up their name badge and program book at the CFAR registration table near the Prentice Harris Family Atrium on the 3rd floor conference center.

Sessions and Lunch

All symposium sessions will take place at Prentice Women's Hospital, 3rd floor conference center in Room L and the Prentice Harris Family Atrium. Please enter the building at 250 East Superior Street and take the elevators to the 3rd floor conference center. Lunch will be available at 12:30 p.m. in the Atrium.

Poster Session and Reception

The symposium will include a poster session and reception at 4:10 p.m. The poster session and reception with wine, beer, and hors d'oeuvres will be held in the Prentice Harris Family Atrium at 250 East Superior Street.

Parking

For symposium attendees, parking will be validated for Northwestern University's [Huron-Superior Garage at 222 East Huron Street](#). Request a parking validation ticket at the CFAR registration table. The parking validation ticket will not work for validation in other lots.

2023 CFAR Symposium Agenda

9:45 AM **Registration**

10:00 AM **Poster Set-up Completed**

10:30 AM **Welcome**

Brian Mustanski, PhD, Northwestern University

10:40 AM **Opening Session: Cross-disciplinary Updates on Recent Advancements in HIV Research**

Chair: Michael Newcomb, PhD, Northwestern University

Basic Science

Lena Al-Harhi, PhD, RUSH University

Clinical Sciences and Biomedical Interventions

Jessica Ridgway, MD, University of Chicago

Behavioral Science

Amy Johnson, PhD, Lurie Children's/Northwestern University

Public Health Priorities and Opportunities for Research

Dave Kern, Chicago Department of Public Health

11:25 AM **Session 1: Understanding and Addressing HIV Comorbidities**

Chair: Richard Novak, MD, University of Illinois at Chicago

Skeletal Responses to HIV and Antiretrovirals

Ryan Ross, PhD, RUSH University

Biological Basis of HIV-Associated Cardiovascular Diseases

Matthew Feinstein, MD, Northwestern University

HIV-Associated Cardiometabolic Comorbidities: Getting to the Heart of the Matter

Jennifer Jao, MD, MPH, Lurie Children's/Northwestern University

The Role of the Brain's Central Executive Network in Comorbidities of HIV

Joshua Schrock, PhD, Northwestern University

2023 CFAR Symposium Agenda

12:30 PM

Lunch

1:15 PM

Session 2: Accelerating the HIV Prevention and Care Continuums

Chair: Sybil Hosek, PhD, University of Illinois at Chicago

Development and Dissemination of PrEP4Teens: A Social Marketing Campaign to Raise PrEP Awareness and Knowledge Among Chicago Area Adolescents

Kathryn Macapagal, PhD, Northwestern University

Considering Structural Factors in HIV: Perspectives on the Legal Context of Employment for Black Sexual Minority Men

Darnell Motley, PhD, University of Chicago

Persistent HIV Viral Suppression During Treatment Interruption in the CDC HIV Outpatient Study

Richard Novak, MD, University of Illinois at Chicago

2:15 PM

Break

2:30 PM

Session 3: From Development to Application – Innovations in Methods and Models

Chair: Elena Martinelli, PhD, Northwestern University

Using Humanized Mice to Study the Dynamics of HIV Infection and Antiretroviral Therapy

Jennilee Wallace, PhD, RUSH University

Generation of Microglia-Containing Organoids and Cyclic Multiplex Immunofluorescence for HIV Infection Studies

João Mamede, PhD, RUSH University

Glycoengineering Anti-HIV Antibodies to Increase Delivery to the Brain: Implications for Targeting the CNS HIV Reservoir

Jeffrey Schneider, PhD, RUSH University

Characterization of the Transcriptional Microenvironment of the SIV Tissue Reservoirs at the Single Focus Level During ART and Post ATI

Ramon Lorenzo Redondo, PhD, Northwestern University

2023 CFAR Symposium Agenda

- 3:20 PM** **Session 3: From Development to Application – Innovations in Method and Models**
Chair: Héctor Torres, PsyD, Colibrí Counseling
- Understanding Status Neutral Approaches for Same Day Initiation of Antiretroviral Therapy in Community Health Settings
Moira McNulty, MD, University of Chicago
- Capacity building and status neutral approaches to Ending the HIV Epidemic
Russell Brewer, DrPH, University of Chicago
- Moving from Community Engagement to Empowerment: Strategies from the PrEPárate Campaign
Harita Shah, MD, University of Chicago
- 4:00 PM** **Invitation to Poster Session**
John Schneider, MD, MPH, University of Chicago
- 4:05 PM** **Closing Remarks**
Richard D'Aquila, MD, Northwestern University
- 4:10 PM** **Poster Session and Reception**
- 6:00 PM** **Symposium Concludes**

Research Posters

Viral Pathogenesis

Posters 1 – 18

Clinical Research

Posters 19 – 27

Behavioral, Social, and Implementation Sciences

Posters 28 - 40

Poster 1: Effects of in utero and lactational Exposure to Dolutegravir-based cART In Sprague Dawley Rats

Abhaya Sridhar¹, Jean Harry¹, Helen C. Cunny¹, Ryan D. Ross¹

¹Department of Anatomy & Cell Biology, RUSH Medical College, Chicago, IL

Poster 2: Wnt/ β -catenin Signaling in HIV-Associated Gut Leakiness

Amber K. Viridi¹, Srinivasa D. Narasipura¹, Leannie Olivares¹, Jennillee Wallace¹, Sang Ho¹, Hannah Barbian², Arnold Olali³, Arivarasu Anbazhagan⁴, Lena Al-Harhi¹

¹Department of Microbial Pathogens and Immunity, RUSH Medical College, Chicago, IL

²Department of Internal Medicine, RUSH Medical College, Chicago, IL ³Center for Mitochondrial and Epigenomic Medicine, Children's Hospital of Philadelphia

⁴Division of Gastroenterology and Hepatology, Department of Medicine, University of Illinois Chicago

Poster 3: HIV and methamphetamine mediate functional impairment of human iPSC- derived astrocytes compromising brain homeostasis.

Arundhati Jana¹, Srinivas D. Narasipura², Jennillee Wallace², Amber K. Viridi², Lena Al-Harhi²

¹Division of Cardiology, Department of Medicine, University of Illinois Chicago

²Department of Microbial Pathogens and Immunity, RUSH Medical College, Chicago, IL

Poster 4: TRIM21 Plays a Critical Role in Regulation of A3G: Implications for Potential HIV Therapeutic Targets

Aubrey M. Sawyer¹, Isabelle Clerc¹, Hannah E. Hudson¹, Cristina C. Vaca¹, Chisu Song¹, Richard T. D'Aquila¹

¹Division of Infectious Diseases, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 5: Tenofovir alafenamide promotes weight gain and signaling pathways in visceral fat tissue

Bryan Dulion¹, Niyati Patel¹, Arnold Olali², Ankur Naqib¹, Ryan D. Ross¹

¹Department of Anatomy & Cell Biology, RUSH Medical College, Chicago, IL

²Children's Hospital of Philadelphia

Poster 6: PQBP1/cGAS Innate Sensing Complexes Form During the Early Steps of Reverse Transcription

Charia McKee¹, João Mamede¹

¹Department of Microbial Pathogens and Immunology, RUSH Medical College, Chicago, IL

Poster 7: Inhibiting Neddylation as a Potential HIV-1 Functional Cure Strategy

Cristina C. Vaca¹, Isabelle Clerc¹, Hannah E. Hudson¹, Aubrey M. Sawyer¹, Chisu Song¹, Richard T. D'Aquila¹

¹Division of Infectious Diseases, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 8: CPSF6 Regulates the Antiviral Response to HIV-1 Infection

Daphne Cornish^{1,2}, Kathryn A. Jackson-Jones^{1,2}, Lacy M. Simons^{1,2}, William J. Cisneros^{1,2}, Judd F. Hultquist¹

¹Division of Infectious Diseases, Northwestern University Feinberg School of Medicine, Chicago, IL ²Center for Pathogen Genomics and Microbial Evolution, Northwestern University Institute for Global Health, Chicago, IL

Poster 9: Reduction of ACE2 receptor levels in the brain in the context of neuroHIV modeled in HIV-1 transgenic rats.

Durim Imeri¹, Stefanie Cassoday¹, Lihua Chen¹, Anita Donner¹, Lena Al-Harathi¹, Xiu-Ti Hu¹

¹Department of Microbial Pathogens and Immunology, RUSH Medical College, Chicago, IL

Poster 10: Does HIV Hijack the Innate Immune System through HUWE1 and Vif?

Kathryn Jackson-Jones¹, Anjelo Evans¹, Daphne Cornish¹, Lacy M. Simons^{1,2}, William J. Cisneros¹, Judd F. Hultquist^{1,2}

¹Division of Infectious Diseases, Northwestern University Feinberg School of Medicine, Chicago, IL ²Center for Pathogen Genomics and Microbial Evolution, Havey Institute for Global Health, Northwestern University, Chicago, IL

Poster 11: Functional study of N6-methyladenosine (m6A) machinery in HIV infection of primary CD4+ T cells

Lacy M. Simons^{1,2}, Kathryn A Jackson-Jones¹, Abolfazl Arab³, Albertas Navickas³, Aubrey Sawyer¹, Hani Goodarzi³, Judd F Hultquist^{1,2}

¹Division of Infectious Diseases, Northwestern University Feinberg School of Medicine, Chicago, IL ²Center for Pathogen Genomics and Microbial Evolution, Northwestern University Institute for Global Health, Chicago, IL ³Department of Biochemistry and Biophysics, University of California San Francisco

Poster 12: Methamphetamine exacerbates neurohiv-induced k+ channel dysfunction in prefrontal cortical astrocytes through taar-1 signaling pathway

Lihua Chen¹, Stefanie L. Cassoday¹, Anita Donner¹, Lena Al-Harathi¹, Xiu-Ti Hu¹

¹Department of Microbial Pathogens and Immunology, RUSH Medical College, Chicago

Poster 13: In-Depth Characterization of the SIV Reservoir Dynamics

Maryam A. Shaaban^{1,2}, Muhammad S. Arif³, Sadia Samer³, Yanique Thomas³, Muhammad R. Haque³, Christopher Thomas Thuruthiyil³, Flora Anna Engelmann³, Sean S. Pascoe³, Michael D. McRaven³, Mariluz Araínga⁴, Francois Villinger⁴, Lacy M. Simons^{1,2}, Elena Martinelli³, Judd F. Hultquist^{1,2}, Thomas J. Hope³, Ramon Lorenzo-Redondo^{1,2}

¹Division of Infectious Diseases, Northwestern University Feinberg School of Medicine, Chicago, IL ²Center for Pathogen Genomics and Microbial Evolution, Northwestern University Institute for Global Health, Chicago, IL ³Department of Cell and Developmental Biology, Northwestern University Feinberg School of Medicine, Chicago, IL ⁴New Iberia Research Center, University of Louisiana at Lafayette, New Iberia, LA

Poster 14: Viral dynamics of SIV rebound in the CNS following cART cessation

Michelle Ash¹, Anjelica Reyes¹, Lena Al-Harhi¹, Ron Veazey², **Jeffrey Schneider**¹

¹Department of Microbial Pathogens and Immunology, RUSH Medical College, Chicago, IL ² Tulane National Primate Research Center, Tulane University, New Orleans, LA

Poster 15: Characterization of the SIV tissue reservoir transcriptional environment at the single focus level during ART and post ATI.

Muhammad Shoaib Arif¹, Sadia Samer¹, Yanique Thomas¹, Christopher Thomas Thuruthiyil¹, Flora Anna Engelmann¹, Michael D. Mcraven¹, Francois Villinger², Elena Martinelli¹, Ramon Lorenzo-Redondo^{3,4}, Thomas J. Hope¹

¹Department of Cell and Developmental Biology, Northwestern University Feinberg School of Medicine, Chicago, IL ²New Iberia Research Center, University of Louisiana at Lafayette, New Iberia, LA ³Division of Infectious Diseases, Northwestern University Feinberg School of Medicine, Chicago, IL ⁴Center for Pathogen Genomics and Microbial Evolution, Havey Institute for Global Health, Northwestern University, Chicago, IL

Poster 16: 4-1BB costimulation following mRNA-HIV vaccination improves CD8 T cell responses

Sarah Sanchez¹, Tanushree Dangi¹, Bakare Awakoaiye¹, Pablo Penaloza-MacMaster¹

¹Department of Microbiology-Immunology, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 17: SARS-CoV-2 enhances hyperactivity of medial prefrontal cortex pyramidal neurons in the context of combined neuroHIV and cocaine abuse

Stefanie L. Cassoday¹, Lihua Chen¹, Anita Donner¹, Durim Imeri¹, Samantha Welninski¹, Jeffrey Schneider¹, Lena Al-Harhi¹, Xiu-Ti Hu¹

¹Department of Microbial Pathogens and Immunology, RUSH Medical College, Chicago, IL

Poster 18: Differential usage of transcriptional elongation complexes during HIV-1 infection in the presence or absence of Tat

William J. Cisneros^{1,2}, Daphne Cornish^{1,2}, Shimaa Soliman³, Ali Shilatifard³, Judd F. Hultquist^{1,2}

¹Division of Infectious Diseases, Northwestern University Feinberg School of Medicine, Chicago, IL ²Center for Pathogen Genomics and Microbial Evolution, Havey Institute for Global Health, Northwestern University Feinberg School of Medicine, Chicago, IL ³Simpson Querrey Institute for Epigenetics, Department of Biochemistry and Molecular Genetics, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 19: Patient and clinician preferences for diabetes management among older adults with co-morbid HIV: A qualitative exploration

Allison P. Pack¹, Mary Clare Masters², Rachel O’Conor¹, Kenya Alcantara¹, Sophia Svoboda¹, Reneaki Smith¹, Fangyu Yeh¹, Guisselle Wismer¹; Amisha Wallia^{2,3}, Stacy C. Bailey¹

¹Division of General Internal Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL ²Department of Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL ³Institute for Public Health and Medicine, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 20: Perceived medication adherence determinants among older adults with HIV and type 2 diabetes mellitus: A qualitative study

Allison P. Pack¹, Mary Clare Masters², Rachel O’Conor¹, Kenya Alcantara¹, Sophia Svoboda¹, Reneaki Smith¹, Fangyu Yeh¹, Guisselle Wismer¹, Amisha Wallia^{2,3}, Stacy C. Bailey¹

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Poster 21: Introduction of an educational intervention for resident physicians, to increase HIV screening in and pediatric emergency room.

Alton Dueks¹, Jessica Schmitt¹, Rachel Danzig¹

¹Chicago Center for HIV Elimination, Department of Medicine, University of Chicago

Poster 22: Use of long-acting injectable PrEP in primary care: A pre-implementation study

En-Ling Wu¹, Rosa Malave², Lauren E. Harriet², Ruchi M. Fitzgerald^{2,3}, Kathleen E. McDonough², Takara Wallace², Meghan McDonough², Maria N. Pyra⁴

¹Section of Infectious Diseases and Global Health, Department of Medicine, University of Chicago ²PCC Community Wellness Center, Chicago, IL ³Section of Addiction Medicine, Department of Psychiatry and Behavioral Sciences, RUSH Medical College, Chicago, IL ⁴Institute for Sexual and Gender Minority Health and Wellbeing, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 23: Incidence and Factors Associated with Renal Impairment in a Large Cohort of On-Demand and Daily TDF/FTC PrEP Users

Geoffroy Liegeon¹, Alexandre Brun², Gwenn Hamet², Jeremy Zeggagh³, Claire Pintado³, Bénédicte Loze³, Diane Ponscarne³, Willy Rozenbaum^{2,3}, Jean Michel Molina^{3,4,5}

¹Section of Infectious Diseases and Global Health, Department of Medicine, University of Chicago ²COREVIH Ile de France Est, Saint Louis Hospital, Paris, France ³Assistance publique-Hôpitaux de Paris (AP-HP), Saint Louis and Lariboisière Hospitals, Department of Infectious Diseases, Paris, France ⁴Paris Cité University, Paris, France ⁵INSERM UMR 944, Paris, France

Poster 24: Undercarboxylated Osteocalcin Predicts Fat Accumulation in cART Initiating People Living with HIV

Niyati Patel¹, Bryan A. Dulion¹, **Itzel Lazcano**¹, Ryan D. Ross¹

¹Department of Anatomy & Cell Biology, RUSH Medical College, Chicago, IL

Poster 25: Development of a Machine Learning Classifier to Identify HIV Acquisition and Transmission Risk Among Hospitalized Patients with Substance Misuse

Mennefer Blue¹, Brihat Sharma¹, Uddyalok Banerjee¹, Connor McCluskey¹, Ketzal Feasley¹, Philip Held¹, Hale Thompson²

¹RUSH University Medical Center, Chicago, IL ²Howard Brown Health, Chicago, IL

Poster 26: Designing a Pre-Exposure Prophylaxis (PrEP) Training for Providers to Increase PrEP Awareness and Prescription for Black Cisgender Women

Nikki Kasal¹, Samantha Devlin², Amy K. Johnson³, Alicia Dawdani², Ososese E. Enaholo³, Geoffroy Liegeon², Maria Pyra⁴, Lisa R. Hirschhorn⁴, Sadia Haider⁵, Kelly Ducheny⁶, Jodi Simon⁷, Jessica Ridgway²

¹Pritzker School of Medicine, University of Chicago ²Section of Infectious Diseases and Global Health, Department of Medicine, University of Chicago ³The Potocsnak Family Division of Adolescent and Young Adult Medicine, Ann & Robert H. Lurie Children's Hospital of Chicago ⁴Department of Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL ⁵Division of Family Planning, RUSH University, Chicago, IL ⁶Howard Brown Health, Chicago, IL ⁷AllianceChicago

Poster 27: Analysis of Brain Symmetry Index in Early HIV Infection

Uchechukwu Onyenemezu¹, Rachel Horwitz¹, Yufen Chen¹, Todd Parrish¹, Ann Ragin¹

¹Department of Radiology, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 28: Transgender women of color's preferences for long-acting pre-exposure prophylaxis (LA-PrEP) for HIV prevention

Alex Ingraham¹, Elena Gonzalez Molina¹, Juan Rivera¹, Hale Thompson¹

¹Howard Brown Health, Chicago, IL

Poster 29: Assessing implementation strategies for the uptake of a behavioral health screener for individuals living with HIV

Andrea Dakin¹, Nora Bouacha¹, Kristen Ethier², Katrin Bovbjerg³, Case Xavier Hall⁴, Devan Derricotte¹, Lisa Hirschhorn³, Angela Freeman³, Fayzeh Abujado¹, Judith Moskowitz³, Alida Bouris²

¹AIDS Foundation of Chicago ²School of Social Service Administration, University of Chicago ³Department of Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL ⁴College of Nursing, Florida State University, Tallahassee, FL

Poster 30: Racism and the Health of Black People living with HIV/AIDS in the United States: A Systematic Review of the Literature

Angela Freeman¹, Alida Bouris², Andrea Dakin³, Judith Moskowitz¹

¹Department of Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL ²School of Social Service Administration, University of Chicago

³AIDS Foundation of Chicago

Poster 31: Factors Associated with HIV Pre-exposure Prophylaxis Use among Transmasculine People who Have Sex with Cisgender Men, at a Federally Qualified Health Center in Chicago, Illinois

Ash Davis¹, Tommy Schafer¹

¹Howard Brown Health, Chicago, IL

Poster 32: Implementing Depression and Anxiety Screening in an Urban HIV Clinic

Daniela Zimmer¹, Erin M. Staab¹, Jessica P. Ridgway¹, Jessica Schmitt¹, Melissa Franco¹, Scott Hunter^{2,3}, Darnell Motley^{1,3}, Neda Laiteerapong¹

¹Department of Medicine, University of Chicago ²Chicago Center for HIV Elimination, Department of Medicine, University of Chicago ³WCG Clinical Endpoint Solutions, Hamilton, NJ

Poster 33: Clinic Staff and Patients Perspectives on Portal-Based Anxiety and Depression Screening in HIV Care: A Qualitative Study Using the Consolidated Framework for Implementation Research

Daniela Zimmer¹, Erin M. Staab¹, Jacob Walker², Jessica P. Ridgway^{1,3}, Jessica Schmitt^{1,3}, Melissa Franco¹, Scott Hunter^{3,4}, Darnell Motley^{1,4}, Neda Laiteerapong^{1,5}

¹Department of Medicine, University of Chicago ²University of Colorado School of Medicine, Aurora, CO ³Chicago Center for HIV Elimination, Department of Medicine, University of Chicago ⁴WCG Clinical Endpoint Solutions, Hamilton, NJ ⁵Department of Psychiatry and Behavioral Neuroscience, University of Chicago

Poster 34: A Community-Engaged Approach to Promote the Selection, Adaptation, and Adoption of Low-Barrier HIV Care

Dennis H. Li¹, Lori DeLorenzo,² Meredith Ablao,¹ Kendall Lucero,¹ Jorge Cestou,³ David Kern,³ Nanette Benbow¹

¹Institute for Sexual and Gender Minority Health and Wellbeing, Northwestern University Feinberg School of Medicine, Chicago, IL ²Organizational Ideas, Blacksburg, VA ³Syndemic Infectious Diseases Bureau, Chicago Department of Public Health

Poster 35: Role of HIV Organizational Networks in Achieving Ending the HIV Epidemic Goals in Chicago

Jiayi Xu¹, Gregory Phillips II¹, Erik Elías Glenn¹, Nanette Dior Benbow¹, Dennis H. Li¹

¹Department of Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 36: Examining differences in PrEP (non)adherence, use patterns, and HIV risk across race/ethnicity among urban young sexual minority men.

Kyle Jozsa¹, James Foran¹, Michael Newcomb¹

¹Institute for Sexual and Gender Minority Health and Wellbeing, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 37: Sociostructural Supports to Improve HIV Care and Prevention: An Exploratory Analysis of a Practice-Based Intervention

Lily Fahrenwald¹, Tommy Schafer¹, Juan Rivera¹, Katt Ross¹, **Maria Pyra**^{2,3}

¹Howard Brown Health, Chicago IL ²Department of Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL ³Institute for Sexual and Gender Minority Health and Well Being, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 38: Application of ADAPT-ITT: adapting an evidence-based group care model for sex workers taking PrEP.

Randi Singer¹

¹College of Nursing, University of Illinois Chicago

Poster 39: PrEPárate: Evaluation of a Community-Driven PrEP Social Marketing Campaign Tailored to Latino/a/x Individuals

Esbeidy Torres Hondal¹, Priya Mathur¹, Pedro Serrano², Gregory Phillips II², Harita Shah¹

¹Chicago Center for HIV Elimination, Department of Medicine, University of Chicago
²Department of Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL

Poster 40: Collaborations to address opportunities for HIV research among LGBTQ+ populations in rural central and southern Illinois

Wiley Jenkins¹, Miller K, Cooley J, Fletcher S, Sylvester B, Vine C, Thompson T, Elgee M, Bolinski R, Gregory Phillips II²

¹Southern Illinois University School of Medicine, Carbondale, IL ²Department of Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL