



NIH AIDS research is conducted in NIH laboratories (intramural research) and at more than 3,000 universities, medical schools, and other institutions in every state and throughout the world (extramural research). Following is a partial list of NIH staff and extramural researcher presentations at AIDS 2012 by day.

Sunday 22 July 2012

09:00 – 11:00 SUSA04 Rethinking the Role of Social Sciences in the Context of HIV/AIDS
Non-Commercial Satellite
Session Room 6

Chair: Dr Olive Shisana

11:15 – 13:15 SUSA20 HIV in Corrections and Beyond: Progress and Challenges
Non-Commercial Satellite
Session Room 4

Co-Chair: Josiah Rich, MD MPH
Co-Chair: Anne Spaulding, MD MPH
Co-Chair: David Wohl, MD
Co-Chair: Sandra Springer, MD
Co-Chair: Curt Beckwith, MD
Co-Chair: Irene Kuo, PhD MPH
Co-Chair: Frederick Altice, MD
Co-Chair: Tim Flanigan, MD
Co-Chair: Faye Taxman, PhD
Co-Chair: Kim Blankenship, PhD

11:55 – 12:05 **Shaping HIV and Correctional Health Priorities Moving Forward: A Research Perspective**
Speaker: Redonna K. Chandler, MD, PhD, Chief of the Services Research Branch at NIDA, NIH (*NIH Staff – NIDA*)

11:15 – 13:15 SUSA22 New Frontiers in NIH AIDS Research
Non-Commercial Satellite
Session Room 6

What are the biggest research challenges ahead in the effort to turn the tide against AIDS? How close are we to developing effective microbicides or vaccines? And is a cure for HIV infection really possible? This interactive satellite with leading researchers from the U.S. National Institutes of Health (NIH) will outline the most important advances and challenges in AIDS research to date, including efforts to develop: *Better methods to prevent, identify and treat HIV and its co-infections, malignancies and complications *Improved biomedical and behavioral prevention tools, including Treatment as Prevention, microbicides, pre-exposure prophylaxis (PrEP) and vaccines

*Strategies to understand the factors that affect HIV risk, treatment outcomes, and disease progression among different populations *New treatment and prevention strategies for substance users *Approaches to overcome drug resistance and treatment failure and to eradicate persistent HIV viral reservoirs, that may one day lead to a cure

Chair: Dr. Jack Whitescarver, Director, NIH Office of AIDS Research, USA

11:15 – 11:20

Welcome

Speaker: J. Whitescarver, Director, NIH Office of AIDS Research, USA *(NIH Staff)*

11:20 – 11:30

The NIH: Turning Discovery into Health

Speaker: F. Collins, Director, National Institutes of Health, USA *(NIH Staff)*

11:30 – 11:35

NIAID HIV/AIDS Research: Introduction and Overview

Speaker: A. Fauci, Director, National Institute of Allergy and Infectious Diseases (NIAID), NIH, USA *(NIH Staff)*

11:35 – 11:50

NIH AIDS Research Achievements and Challenges

Speaker: C. Dieffenbach, Director, Division of AIDS, NIAID, NIH, USA *(NIH Staff)*

11:50 – 12:05

Understanding Neuro-AIDS and Implications for the Cure

Speaker: A. Nath, Intramural Clinical Director, National Institute of Neurological Disorders and Stroke, NIH, USA *(NIH Staff)*

12:05 – 12:20

Advances in Treating and Preventing HIV in Substances Users

Speaker: N. Volkow, Director, National Institute on Drug Abuse, NIH, USA *(NIH Staff)*

12:20 – 12:35

New Challenges in HIV-Defining and Non-Defining Malignancies

Speaker: R. Yarchoan, Director, Office of HIV and AIDS Malignancy, National Cancer Institute, NIH, USA *(NIH Staff)*

12:35 – 12:55

Panel Discussion: Implications of Scientific Advances for Populations at Risk: Perspectives from Researchers, Clinicians, and the Community

Speaker: G. Brown, NIH Office of AIDS Research, NIH *(NIH Staff)*

Speaker: V. Cargill, NIH Office of AIDS Research, NIH *(NIH Staff)*

Speaker: B. Eldadah, National Institute on Aging, NIH *(NIH Staff)*

Speaker: M. Harrington, Treatment Action Group

Speaker: B. Kapogiannis, Eunice Kennedy Shriver National Institute of Child Health and Human Development, NIH *(NIH Staff)*

12:55 – 13:10

Questions and Answers

- 11:15 – 13:15 SUSA35 Health Disparities, Hurdles and Hope: Ending the HIV Epidemic in the U.S.**
 Non-Commercial Satellite
 Session Room 9
 Co-Chair: Kenneth Mayer
 Co-Chair: Wafaa El-Sadr
- 11:15 – 11:20 **Introductions**
 Speaker: Adaora Adimora
 Speaker: Sten Vermund
- 11:20 – 11:30 **Opening Remarks**
 Speaker: Sheryl Zwierski (*NIH Staff - NIAID*)
- 11:30 – 11:45 **Why the Domestic HIV Agenda Matters**
 Speaker: Wafaa El-Sadr
- 11:45 – 12:00 **HIV and US Women: Understanding the Challenges**
 Speaker: Sally Hodder
- 12:15 – 12:45 **Looking Ahead: What it Will Take to End the AIDS Epidemic in the US**
 Speaker: Kenneth Mayer
- 12:45 – 12:48 **Closing Remarks**
 Speaker: Adaora Adimora
 Speaker: Sten Vermund
- 11:15 – 13:15 SUSA27 Bridging the Worlds of Science, Community and Policy: Communicating HIV-Prevention Research with Strategies and Tools to Convey Your Message, Manage Controversy and Disseminate Results**
 Non-Commercial Satellite
 Mini Room 2
 Co-Chair: Quarraisha Abdool Karim
 Co-Chair: Ward Cates
- 11:15 – 11:25 **Welcome and Introduction**
 Speaker: Quarraisha Abdool Karim
 Speaker: Ward Cates
- 11:15 – 13:15 SUSA25 From Revolution to Reality: How Will New Science Impact the U.S. National HIV/AIDS Strategy?**
 Non-Commercial Satellite
 Mini Room 4

- 11:25 – 11:40 **Treatment Cascade**
Speaker: Carlos del Rio
- 11:15 – 13:15 SUSA30 Gender-Based Violence and HIV/AIDS: Taking Stock of Evidence and Setting an Implementation Research Agenda**
Non-Commercial Satellite
Mini Room 5
- 11:25 – 11:35 **What works for jointly addressing gender-based violence and HIV? A systematic review of effective interventions**
Speaker: Kristin Dunkle
- 11:35 – 11:45 **Addressing violence against sex workers in the context of HIV/AIDS: what works?**
Speaker: Kate Shannon
- 11:45 – 11:55 **What can be gained by reducing violence? Modelling the impact of gender-based violence against sex workers on HIV epidemics**
Speaker: Michele Decker
- 11:15 – 13:15 SUSA31 Two Steps Forward, One Step Back: The HIV Crisis Among Street Youth**
Non-Commercial Satellite
Mini Room 6
- 11:15 – 11:35 **Addressing HIV Among Homeless Youth in the United States**
Speaker: Laura Tannenbaum
- 11:15 – 13:15 SUSA34 HIV Drug-Drug Interactions**
Non-Commercial Satellite
Mini Room 9
- 12:35 – 13:05 **HIV-TB co-infection**
Speaker: Kelly Dooley
- Discussant for the cases**
Speaker: Mauro Schechter
- 11:15 – 13:15 SUSA24 Transferring U.S. Domestic and Global Innovations to Combat HIV/AIDS**
Non-Commercial Satellite
Mini Room 10
- 12:45 – 13:00 **Commentary**
Speaker: James Curran, Dean and Professor of Epidemiology, Rollins School of Public Health, Emory University

- 13:30 – 15:30 SUSA40 The Strategic Use of Antiretrovirals – Bringing HIV Prevention and Treatment Together**
Non-Commercial Satellite
Session Room 6
- 14:30 – 15:30 **Panel on Opportunities and Priorities of ARV-based Treatment and Prevention**
Speaker: Wafaa El-Sadr
- 13:30 – 15:30 SUSA41 The Great TRANSformation: Towards a Holistic Approach for Healthier and Happier Trans Communities in Latin America and the Caribbean**
Non-Commercial Satellite
Session Room 7
- 14:10 – 14:20 **Avenues for Action for the Provision of Care and the Promotion of Wellbeing**
Speaker: Walter Bockting
Speaker: Anita Radix
- 13:30 – 15:30 SUSA42 No “Getting to Zero” Without Scale-Up of Stigma Reduction**
Non-Commercial Satellite
Session Room 8
- 13:50 – 14:10 **Research gaps and moving toward implementation**
Speaker: James Blanchard
- 14:10 – 14:30 **Learning from practice-based evidence: what we have learned from programs**
Speaker: Laura Nyblade
- 13:30 – 15:30 SUSA11 The UNAIDS Investment Framework: Setting Priorities for HIV Prevention in Today’s Global Economic Climate**
Non-Commercial Satellite
GV Session Room 1

Co-Chair: Dr Olive Shisana
- 15:45 – 17:45 SUSA56 Five Years After the SMART Study, a Paradigm Shifting Trial**
Non-Commercial Satellite
Session Room 3

Co-Chair: James Neaton
- 15:45 – 16:00 **Opening Remarks**
Speaker: Anthony Fauci (NIH Staff - NIAID)

- 16:00 – 16:15 **HIV Treatment Research in 2002 and then SMART**
Speaker: Wafaa El-Sadr
- 16:27 – 16:39 **Importance of Inflammation and Coagulation for Risk of Serious Non-AIDS: Results of Biomarker Studies**
Speaker: Jason Baker
- 16:51 – 17:03 **The START Trial: On the Shoulders of SMART**
Speaker: Jens Lundgren
- 17:03 – 17:33 **Perspectives on SMART and the Current HIV Treatment Research Agenda**
Speaker: Fred Gordin
Speaker: Judith Currier
- 17:33 – 17:45 **Closing Remarks**
Speaker: James Neaton
- 15:45 – 17:45 SUSA66 HIV Prevention, Care and Treatment in the National Capital Region (DC Metropolitan Area): Moving into the Fourth Decade of the Epidemic**
Non-Commercial Satellite
Session Room 4
- 15:55 – 16:20 **HIV/AIDS Research: The Practical Accomplishments and the Needs for the Future**
Speaker: Robert Gallo
- 15:45 – 17:45 SUSA58 High-Impact Prevention: Reducing the HIV Epidemic in the United States**
Non-Commercial Satellite
Session Room 5
- 16:30 – 16:45 **Implementing high-impact prevention in South Carolina**
Speaker: Wayne Duffus
- 15:45 – 17:45 SUSA68 The Decade of Diagnostics – 2012 Update: Catalyzing Markets to Accelerate Access to Point-of-Care HIV Testing**
Non-Commercial Satellite
Session Room 7

Co-Chair: Dr James McIntyre
- 15:45 – 17:45 SUSA28 Community Scientific Literacy Workshop “Towards an HIV Cure”**
Non-Commercial Satellite
Session Room 8

Moderator: Steven G. Deeks

- 15:45 – 17:45 SUSA70 Integrating Nutrition Assessment, Counseling and Support (NACS) into HIV Services**
Non-Commercial Satellite
Mini Room 7
- 15:50 – 16:05 **The biological relationship between HIV and nutrition**
Speaker: Christine Wanke
- 15:45 – 17:45 SUSA71 Rectal Microbicides: Making HIV Prevention Gel**
Non-Commercial Satellite
Mini Room 8

Co-Chair: Ian McGowan
- 15:45 – 17:45 SUSA64 Women and Girls Turning the Tide**
Non-Commercial Satellite
Mini Room 10
- 16:01 – 16:09 **News from Microbicides Trials. What can women expect?**
Speaker: Quarraisha Abdool Karim
- 19:00 – 21:00 SUPL01 Opening Session**
Plenary Session
Session Room 1

Co-Speaker: Diane Havlir, United States

Monday 23 July 2012

- 07:00 – 08:30 MOSA03** **Nurse Models of HIV Care and Treatment: Addressing Health Workforce Shortages for Long-Term Sustainability**
Non-Commercial Satellite
Mini Room 1

Co-Chair: Jason Farley
- 07:50 – 08:00 **Preparing for the Future of HIV/AIDS Nursing: A Roadmap to Success**
Speaker: Jason Farley
- 07:00 – 08:30 MOSA05** **Using Mobile Technologies to Eliminate Pediatric HIV**
Non-Commercial Satellite
Mini Room 3
- 07:36 – 07:48 **Using mobile phone technology to improve antenatal and PMTCT service uptake in Kenya**
Speaker: Seble Kassaye
- 07:48 – 08:30 **Panel Discussion and Q&A**
Speaker: Seble Kassaye
- 07:00 – 08:30 MOSA06** **The 3rd Annual Workshop on Global HIV Clinical Pharmacology Capacity Building and Implementation Research**
Non-Commercial Satellite
Mini Room 4

Moderator: Gene D. Morse, PharmD
Moderator: Kimberly Scarsi, PharmD
- 07:00 – 07:05 **Welcome: Goals of Workshop Overview of IPERI needs assessment survey and “White Paper”**
Speaker: Kimberly Scarsi, PharmD
- 07:05 – 07:15 **Harare International Pharmacology Specialty Laboratory: Development and implementation of an HIV Clinical Pharmacology laboratory in Zimbabwe**
Speaker: Charles Maponga, PharmD
- 08:05 – 08:30 **Panel Discussion: Questions from the audience and brainstorming session to build new partnerships and facilitate regional capacity building efforts**
Speaker: Kimberly Scarsi, PharmD
Speaker: Gene D. Morse, PharmD

07:00 – 08:30	MOSA07	Showing the Impact of Food Assistance and Nutrition Support in HIV Care Non-Commercial Satellite Mini Room 5
07:24 – 07:36		Nutritional care of HIV-infected adolescents and adults, including people living with HIV Speaker: Dr. Christine Wanke
07:36 – 07:48		Food and nutrition assistance for people living with HIV in Haiti: impacts on adherence and quality of life Speaker: Dr. Louise Ivers
08:32 – 10:30	MOPL01	Ending the Epidemic: Turning the Tide Together Plenary Session Session Room 1
08:40 – 09:05	MOPL0101	Ending the HIV Epidemic: From Scientific Advances to Public Health Implementation Speaker: Anthony Fauci, United States <i>(NIH Staff - NIAID)</i>
11:00 – 12:30	MOLBA	Late Breaker Track A Oral Abstract Session Track A Session Room 2
11:00 – 11:15	21154	Unintegrated HIV-1 generates an inducible reservoir of replication competent virus in nonproliferating CD4+ T cells Speaker: David N Levy, United States
11:15 – 11:30	21132	Evaluation of treatment with the histone deacetylase inhibitor vorinostat (suberoylanilide hydroxamic acid; SAHA) in antiretroviral drug treated, SIVmac239-infected rhesus macaques Speaker: J. Lifson, United States <i>(NIH Staff – SAIC Frederick)</i>
11:30 – 11:45	21033	HIV-1 female-to-male sexual transmission: evaluation of circumcised and uncircumcised penile tissue Speaker: Minh Dinh, United States
11:45 – 12:00	21577	Comparative activity of IgA mediated antibody dependent cell-mediated cytotoxicity (ADCC) in the genital mucosa of HIV seroconverters and highly exposed seronegative women Speaker: Mariam Aziz, United States
12:00 – 12:15	20644	Stabilized exposure of conserved epitopes by structure guided insertion of disulfide bonds in HIV envelope glycoprotein Speaker: Antu Dey, United States

- 11:00 – 12:30 MOAC01 Health Disparities and the U.S. MSM HIV Epidemic**
 Oral Abstract Session
 Track C
 Session Room 3
- 12:00 – 12:15 **12753 An evolving concentrated epidemic: comparison of socioeconomic, behavioural and biological factors among newly diagnosed, previously diagnosed and HIV-negative black men who have sex with men in six US cities (HPTN 061)**
 Speaker: Kenneth Mayer, United States
- 11:00 – 12:30 MOAB01 HIV and Co-Infections: Co-Enemies**
 Oral Abstract Session
 Track B
 Session Room 4
 Co-Chair: Constance Benson, United States
 Co-Chair: Jean Pape, Haiti
- 11:00 – 11:15 **9660 Prevalence of hepatitis B co-infection and response to antiretroviral therapy among HIV-positive patients in urban Tanzania**
 Speaker: Claudia Hawkins, United States
- 11:30 – 11:45 **13564 Determinants of penicilliosis seasonality in Ho Chi Minh City, Vietnam**
 Speaker: Philip Bulterys, United States
- 12:00 – 12:15 **MOAB0105 Changing epidemiology of OIs in the HAART era**
 Speaker: Henry Masur, United States
- 11:00 – 12:30 MOAC02 Innovations in HIV Surveillance**
 Oral Abstract Session
 Track C
 Session Room 6
- 11:30 – 11:45 **5944 HIV incidence determination in clade B epidemics: a multi-assay approach**
 Speaker: Oliver Laeyendecker, United States
- 12:00 – 12:15 **7564 Social disparities and mortality in a large metropolitan HIV cohort**
 Speaker: Peter Messeri, United States
- 11:00 – 12:30 MOAE01 Building Bridges: HIV and Non-Communicable Diseases**
 Oral Abstract Session
 Track E
 Session Room 7

- 11:30 – 11:45 **10753** **Integrated community HIV testing campaigns: leveraging HIV infrastructure for non-communicable diseases**
Speaker: Gabriel Chamie, United States
- 11:00 – 12:30** **MOAC03** **Access to and Retention of Antiretroviral Treatment**
Oral Abstract Session
Track C
Session Room 8

Co-Chair: Adaora Adimora, United States
- 11:45 – 12:00 **10871** **CD4 criteria improves the sensitivity of a clinical algorithm developed to identify viral failure in HIV-positive patients on first-line antiretroviral therapy**
Speaker: Matthew Fox, United States
- 11:00 – 12:30** **MOAB02** **Complications of HIV and its Therapy in Children**
Oral Abstract Session
Track B
Session Room 9

Co-Chair: Mark Cotton, South Africa
- 11:30 – 11:45 **12215** **Mitochondrial function and metabolic abnormalities in children with perinatally-acquired HIV infection in the Pediatric HIV/AIDS Cohort Study (PHACS)**
Speaker: Mariana Gerschenson, United States
- 11:00 – 12:30** **MOWS02** **Respect, Protect, Fulfill: Guidance on Community Engagement for Men Who Have Sex with Men and HIV-related Research in Rights Constrained Settings**
Scientific Development
Track D
Mini Room 2

Co-Facilitator: Stefan Baral, United States
- 11:32 – 11:39 **MOWS0205** **Case study 2: Latin America**
Speaker: Carlos F. Caceres, Peru
- 13:00 – 14:00** **MOSS02** **Can Public-Private Partnerships Help Those who Think Globally, Act Locally?**
Special Session
Session Room 2
- 13:00 – 14:00 **MOSS0201** **Panel Discussion**
Speaker: Paul Farmer, United States

- 13:00 – 14:00 MOSS03 The Science of HIV: What Lies Ahead?**
Special Session
Session Room 5

Co-Chair: Francis Collins, United States *(NIH Staff - OD)*
- 13:00 – 14:00 **MOSS0301 Panel Discussion**
Co-Speaker: Joseph Eron, United States
Co-Speaker: Gary Nabel, United States *(NIH Staff - NIAID)*
Co-Speaker: Robert Siliciano, United States
Speaker: Philippa Musoke, Uganda
- 13:00 – 14:00 MOPDD01 Winning the Generations: Family-Centred Approaches to Prevention, Treatment and Care**
Oral Poster Discussion Session
Track D
Session Room 7
- 13:00 – 13:05 **2742 A pilot South African worksite-based parenting program: preliminary effects on parent-child communication about sex and HIV**
Speaker: Laura Bogart, United States
- 13:00 – 14:00 MOPDE01 Male Circumcision: Are We Making the Cut?**
Oral Poster Discussion Session
Track E
Session Room 8
- 13:30 – 13:35 **9255 We too are shareholders: why women must be meaningfully involved in the rollout of medical male circumcision in Africa**
Speaker: Kawango Agot, Kenya
- 13:00 – 14:00 MOPDA01 Innate Resistance and Responses to HIV**
Oral Poster Discussion Session
Track A
Mini Room 3

Chair: Jason Brenchley, United States *(NIH Staff - NIAID)*
- 13:00 – 13:05 **9965 Toll-like receptor (TLR) 9 variant is associated with mother-to-child transmission (MTCT) of HIV-1 and TLR9 and TLR8 variants are associated with peak viral load in HIV-1-positive infants**
Speaker: Kristin Beima-Sofie, United States
- 13:05 – 13:10 **19755 Polymorphisms in TLR2 and TLR7 are associated with plasma HIV-1 RNA set-point in an African heterosexual cohort**
Speaker: Romel Mackelprang, United States

- 13:10 – 13:15 **7503** **Association of polymorphisms in the regulatory region of cyclophilin A gene (PPIA) with disease progression and gene expression levels**
Speaker: Paradise Madlala, South Africa
- 13:15 – 13:20 **13081** **ZNDR1 gene affects host susceptibility to HIV-1 infection**
Speaker: Ping An, United States
- 13:20 – 13:25 **19775** **Immune and inflammatory gene expression in the periphery and CNS of cART-treated SIV-infected macaques**
Speaker: Christine M. Zink, United States
- 13:00 – 14:00** **MOPDE02** **The Patient Point of View: Costs and Benefits of ART**
Oral Poster Discussion Session
Track E
Mini Room 4
- 13:00 – 13:05 **4613** **Time and money: the costs of utilizing HIV and TB treatment and care in rural KwaZulu-Natal**
Speaker: Natsayi Zanile Chimbindi, South Africa
- 13:15 – 13:20 **11145** **Impact of antiretroviral therapy (ART) on socio-economic status and productivity of HIV-positive individuals/households in a private setting in India**
Speaker: Fehmida Visnegarwala, India
- 13:20 – 13:25 **19490** **Economic spillover effects of ART on rural South African households**
Speaker: Jacob Bor, United States
- 13:00 – 14:00** **MOPDC01** **Treatment as Prevention: A Work in Progress**
Oral Poster Discussion Session
Track C
Mini Room 6
- 13:25 – 13:30 **18347** **Sustained treatment as prevention: continued decreases in unprotected sex and increases in virological suppression after HAART initiation among participants in HPTN 052**
Speaker: Kenneth Mayer, United States
- 13:00 – 14:00** **MOPDC02** **New Epidemic Frontiers**
Oral Poster Discussion Session
Track C
Mini Room 7

Co-Chair: Peter Figueroa, Jamaica

- 13:00 – 14:00 MOPDC03 Using Strategic Information to Track Access and Retention in Care**
 Oral Poster Discussion Session
 Track C
 Mini Room 8
 Co-Chair: Peter Cherutich, Kenya
- 13:05 – 13:10 **13324 Trends in antiretroviral therapy use, HIV RNA plasma viral load and CD4 T-lymphocyte counts at death among HIV-positive persons in care in the United States, 2000-2008**
 Speaker: Keri N Althoff, United States
- 13:00 – 14:00 MOPDD03 Food Security**
 Oral Poster Discussion Session
 Track D
 Mini Room 9
 Co-Chair: Kendra Blackett-Dibinga, United States
- 13:05 – 13:10 **9245 Severe household food insecurity is highly prevalent and associated with suboptimal breastfeeding practices among HIV-positive women in rural Uganda**
 Speaker: Sera Lewis Young, United States
- 13:20 – 13:25 **12605 Impact of food assistance on clinic attendance among patients on antiretroviral therapy in Haiti**
 Speaker: Daphne Bernard, Haiti
- 13:00 – 14:00 MOPDD04 Ethics in Research**
 Oral Poster Discussion Session
 Track D
 Mini Room 10
 Co-Chair: Kathleen Macqueen, United States
- 13:05 – 13:10 **7133 Thought experiment examining the ethics of HIV testing policies**
 Speaker: Hans P Schlecht, United States
- 14:30 – 16:00 MOBS01 Prevention Today: What's the Right Mix?**
 Bridging Session
 Session Room 1
- 14:50 – 15:35 **MOBS0102 Moderated discussion**
 Co-Speaker: Peter Cherutich, Kenya
 Co-Speaker: Zunyou Wu, China
- 14:30 – 16:00 MOSY03 Social Protection: Promoting a More Effective Response**
 Symposia Session
 Session Room 2

- 14:40 – 14:55 **MOSY0301** **Rwanda’s national health insurance programme**
Speaker: Sabin Nsanzimana, Rwanda
- 14:55 – 15:10 **MOSY0302** **Successful care and treatment programmes in resource-poor settings: what makes the difference?**
Speaker: Paul Farmer, United States
- 15:10 – 15:25 **MOSY0303** **The private sector’s engagement**
Speaker: Shawn Lee, Singapore
- 14:30 – 16:00** **MOSY04** **Comprehensive HIV Prevention for People Who Use Drugs: Ways Forward for Inclusion of Needle and Syringe Exchange Programmes**
Symposia Session
Session Room 3
- 14:35 – 14:50 **MOSY0401** **The role of needle and syringe exchange programmes in comprehensive HIV prevention**
Speaker: Steffanie Strathdee, United States
- 15:00 – 15:10 **MOSY0403** **In-country support for NSEPs: what can country ownership do for NSEPs?**
Speaker: Xiaobin Cao, China
- 14:30 – 16:00** **MOAD01** **Growing Up with HIV: Transitioning from Childhood to Adolescence to Adulthood**
Oral Abstract Session
Track D
Session Room 6
- 14:45 – 15:00 **2954** **Challenges and coping mechanisms of HIV-positive school age children in Botswana**
Speaker: Gabriel M. Anabwani, Botswana
- 15:30 – 15:45 **17200** **Resiliency among urban youth newly diagnosed with HIV in Kenya: sources of social support and active coping strategies**
Speaker: Gary Harper, United States
- 14:30 – 16:00** **MOAD02** **Drug Policy, Criminal Justice and Human Rights**
Oral Abstract Session
Track D
Session Room 7
- 15:30 – 15:45 **15117** **Human right as a key component of harm reduction strategy targeting people using drugs in Morocco**
Speaker: Hakima Himmich, Morocco

- 14:30 – 16:00 MOSY06 Immunopathogenesis and its Treatment**
Symposia Session
Track A
Session Room 9

Co-Chair: Galit Alter, United States
Co-Chair: Scott Kitchen, United States
- 14:32 – 14:47 **MOSY0601 Immunopathogenesis under antiretroviral treatment**
Speaker: Steven G. Deeks, United States
- 14:47 – 15:02 **MOSY0602 Systemic inflammation**
Speaker: Netanya Sandler, United States
- 15:02 – 15:17 **MOSY0603 Fibrosis**
Speaker: Timothy Schacker, United States
- 15:32 – 15:47 **MOSY0605 Novel approaches: treatment and HIV pathogenesis**
Speaker: Lydie Trautmann, United States
- 14:30 – 18:00 MOWS11 If You Build it They Will Come: Creating the Infrastructure for Social and Behavioral Science Research on HIV and AIDS**
Scientific Development
Track D
Mini Room 5

Co-Facilitator: Susan Newcomer, United States *(NIH Staff - NICHD)*
Co-Facilitator: Willo Pequegnat, United States *(NIH Staff - NIMH)*
- 14:30 – 18:00 MOWS15 Not Big Children, Not Little Adults: A Training of Trainers on Comprehensive Adolescent-friendly HIV Services**
Scientific Development
Track B
Mini Room 9

Co-Facilitator: Elaine Abrams, United States
- 16:30 – 18:00 MOBS02 Treatment as Prevention: Is It Time for Action?**
Bridging Session
Session Room 2
- 16:35 – 16:45 **MOBS0201 Treatment as prevention: it is simple**
Speaker: Julio Montaner, Canada
- 16:45 – 16:55 **MOBS0202 Treatment as prevention: it is complex**
Speaker: Kenneth Mayer, United States

- 16:55 – 17:35 **MOBS0203** **Moderated discussion**
 Co-Speaker: Julio Montaner, Canada
 Co-Speaker: Kenneth Mayer, United States
- 16:30 – 18:00** **MOAC04** **HIV, Drug-Use and Risks in Different Contexts**
 Oral Abstract Session
 Track C
 Session Room 3
- 17:00 – 17:15 **17892** **Estimation of HIV sexual transmission potential from IDU to general population in two Russian cities**
 Speaker: Ksenia Eritsyan, Russian Federation
- 17:30 – 17:45 **7692** **Methamphetamine use is associated with sexual abuse and HIV sexual risk behaviours among patrons of alcohol serving venues in Cape Town, South Africa**
 Speaker: Christina S. Meade, United States
- 16:30 – 18:00** **MOAA01** **Transmission and Early Infection**
 Oral Abstract Session
 Track A
 Session Room 5

 Co-Chair: Sharon Lewin, Australia
 Co-Chair: Leonid Margolis, United States (*NIH Staff - NICHD*)
- 16:30 – 16:45 **9910** **The effect of liquefaction on the ability of semen and semen amyloid fibrils to enhance HIV infection**
 Speaker: Nadia Roan, United States
- 17:00 – 17:15 **1290** **Impact of depot medroxyprogesterone (DMPA) on human vaginal leukocytes and HIV-1 target cells**
 Speaker: Andrea Thurman, United States
- 17:15 – 17:30 **MOAA0104** **Early events in cell-to-cell HIV transmission**
 Speaker: Minh Dinh, United States
- 17:30 – 17:45 **12774** **HIV-1 transmission from semen to cervicovaginal tissue ex vivo**
 Speaker: Leonid Margolis, United States (*NIH Staff - NICHD*)
- 16:30 – 18:00** **MOAB03** **Pharmacology of Old and New TB Drugs**
 Oral Abstract Session
 Track B
 Session Room 6

- 16:45 – 17:00 **5981** **Tolerability among HIV-positive persons of three months of once-weekly rifapentine + INH (3HP) versus 9 months of daily INH (9H) for treatment of latent tuberculosis infection: the PREVENT TB Study (TBTC Study 26/ACTG 5259)**
Speaker: Timothy Sterling, United States
- 17:00 – 17:15 **10371** **Efavirenz (EFV) concentrations in pregnant women taking EFV-based antiretroviral therapy (ART) with and without rifampin-containing tuberculosis (TB) treatment: the TSHEPISO Study Team**
Speaker: Kelly E Dooley, United States
- 16:30 – 18:00** **MOAA02** **Immune Function and Dysfunction**
Oral Abstract Session
Track A
Session Room 7

Co-Chair: Barbara. L. Shacklett, United States
- 17:00 – 17:15 **19953** **HIV-1 peptide-specific NK cell responses in HIV seropositive and highly exposed seronegative men**
Speaker: Ronald Fecek, United States
- 16:30 – 18:00** **MOAD03** **Challenges of Caregiving**
Oral Abstract Session
Track D
Session Room 8
- 16:30 – 16:45 **10258** **Mental health and substance use problems among a sample of African American and Latina caregivers of children infected, affected and unaffected by HIV**
Speaker: Eulalia Karina Santamaria, United States
- 16:45 – 17:00 **13434** **Living with HIV increases risk for poor mental health among adults caring for orphaned children in South Africa**
Speaker: Caroline Kuo, United States
- 17:30 – 17:45 **2963** **The psychosocial impact of HIV on the siblings of infected children**
Speaker: Gabriel M. Anabwani, Botswana
- 16:30 – 18:00** **MOAD04** **Harm Reduction: Availability, Coverage, Expansion and Efficacy**
Oral Abstract Session
Track D
Session Room 9

Co-Chair: Zoe Hudson, United States
Co-Chair: Nicolas Ritter, Mauritius

- 17:30 – 17:45 **3098** **Efficacy of combined sexual and injection risk reduction interventions for female sex workers on the Mexico-US border: differential effects in the presence of a community-wide structural intervention**
Speaker: Steffanie Strathdee, United States
- 18:30 – 20:30** **MOSA13** **Getting Real About Getting to the End of AIDS**
Non-Commercial Satellite
Session Room 2
- 19:00 – 20:00 **Moderated discussion**
Speaker: Anthony Fauci (*NIH Staff - NIAID*)
Speaker: Myron Cohen
- 18:30 – 20:30** **MOSA17** **HIV and Aging: A Global Perspective on Research, Care and Prevention (*NIH OAR Satellite*)**
Non-Commercial Satellite
Session Room 6
- The satellite Symposium has the goal of integrating topics in the area of “HIV and Aging”, including research, clinical care and socio-behavioral aspects. The Symposium will define gaps in knowledge and point to directions in how to translate scientific findings into strategies for optimum service provision, within local socio-economic and cultural context, for older people living with HIV and those affected by HIV. The Symposium will cover discrete areas that will give the audience a global perspective on research, care and prevention. Topics will include regional differences in prevalence and incidence of HIV in older adults, new and evolving challenges in biomedical research, integration of clinical care for individuals aging with HIV, and socio-behavioral issues for such individuals. A panel discussion will follow with people living with HIV, researchers, clinicians and policy makers.
- Co-Chair: Alan Landay
Co-Chair: Kevin High
- 18:30 – 18:35 **Welcome by Chairs**
Speaker: Alan Landay
Speaker: Kevin High
- 18:35 – 18:55 **Global Prevalence and Incidence of HIV Infection Among Older Adults: Regional and Sex Differences**
Speaker: Eduard Beck
- 18:55 – 19:00 **Overview and Structure of the OAR Report on HIV and Aging**
Speaker: Paul Volberding, United States
- 19:00 – 19:20 **Premature Aging and Functional Decline Associated with HIV Disease: Mechanisms and Triggers**
Speaker: Rita Effros

- 19:20 – 19:40 **Optimizing Health Care in the Context of Multimorbidity, Polypharmacy, and Decreasing Physiologic Reserve**
Speaker: Amy Justice
- 19:40 – 20:00 **Socio-behavioral Issues in Aging and HIV: Critical for Success in Prevention and Care**
Speaker: Sherry Deren
- 20:00 – 20:30 **Panel Discussion of People Living with HIV, Researchers, Clinicians and Policy Makers**
Speaker: Joel Negin
Speaker: Memory Sachikonye
Speaker: Michael Saag
Speaker: Fareed Abdullah
Speaker: Daniel Ochieng
Speaker: Anchalee Avihingsanon
- 18:30 – 20:30 MOSA20** **Optimizing and Scaling Up Treatment in Latin America and the Caribbean: Towards a New Generation of Treatment Programs**
Non-Commercial Satellite
Session Room 9

Co-Chair: Pedro Cahn
- 18:30 – 18:35 **Presentation and overview of the session**
Co-Speaker: Pedro Cahn
- 19:05 – 19:20 **“The role of treatment for prevention.” This section will inform of the new evidence and programmatic implications of use of antiretrovirals for prevention of HIV transmission.**
Speaker: Pedro Cahn
- 18:30 – 20:30 MOSA29** **Global Cohort Collaborations and the Role of Extremely Large Datasets in HIV/AIDS and Other Diseases. The Potential, the Challenges, the Future Opportunities**
Non-Commercial Satellite
Mini Room 9

Moderator: Charles Holmes
- 19:25 – 19:35 **Capturing long-term global pediatric HIV outcomes through a cohort-of-cohorts approach**
Speaker: Annette Sohn
- 19:45 – 19:55 **Using big data to generate big impact: a consumer’s perspective**
Speaker: Charles Holmes

Tuesday 24 July 2012

- 07:00 – 08:30 TUSA03** **PEPFAR Pre-Service Training: The Medical and Nursing Education Partnership Initiatives**
Non-Commercial Satellite
Mini Room 2

Co-Chair: Roger Glass (*NIH Staff – FIC OD*)
- 07:00 – 08:30 **PEPFAR Pre-Service Training: The Medical and Nursing Education Partnership Initiatives**
Speaker: James Kiarie
- 07:00 – 08:30 TUSA05** **Innovations to Facilitate Acceleration of Voluntary Medical Male Circumcision Scale up: Potential Role of Medical Devices**
Non-Commercial Satellite
Mini Room 5
- 07:00 – 07:10 **Introduction to devices: potential to accelerate scale up; current stage of device research; regulatory environment**
Speaker: Jason Reed
- 07:10 – 07:25 **Devices: clinical profiles and acceptability. Update on Shang Ring studies in Zambia & Kenya**
Speaker: David Sokal
- 08:00 – 08:30 **Panel discussion with device experts**
Speaker: David Sokal
- 11:00 – 12:30 TUAB01** **ARV Therapy: Clinical Trials**
Oral Abstract Session
Track B
Session Room 1

Co-Chair: Michael Saag, United States
- 11:00 – 11:20 **TUAB0101** **ARV therapy: evolving concepts and new drugs**
Speaker: Roy Gulick, United States
- 11:35 – 11:50 **13085** **Cobicistat versus ritonavir as pharmacoenhancers in combination with atazanavir plus tenofovir disoproxil fumarate/emtricitabine: phase 3 randomized, double blind, active-controlled trial, week 48 results**
Speaker: Joel Gallant, United States

- 11:00 – 12:30 TUAC01 Factors Affecting Transmission and Testing Among Couples, Families and Rural Populations**
Oral Abstract Session
Track C
Session Room 3
Co-Chair: Nina Harawa, United States
- 11:45 – 12:00 **4108 Impact of antiretroviral therapy on HIV-positive status disclosure in rural South Africa**
Speaker: Benjamin Bearnot, South Africa
- 11:00 – 12:30 TUAC02 Dangerous Liaisons: HIV and Sexually Transmitted Infections**
Oral Abstract Session
Track C
Session Room 4
Co-Chair: Gail Bolan, United States
- 11:15 – 11:30 **13805 More frequent sexual risk behaviours among HIV-negative sexually transmitted infection clinic patients compared to HIV-positive and HIV-negative HIV testing and counseling center patients in Lilongwe, Malawi**
Speaker: Sarah Rutstein, United States
- 11:00 – 12:30 TURE01 Regional Session on Latin America: Latinos y VIH – Retos y Oportunidades para Transformar la Respuesta al SIDA**
Regional Session
Session Room 5
Co-Chair: Carlos F. Caceres, Peru
- 11:00 – 12:30 TUAA01 Viral Regulation: From Proteins to Tissues**
Oral Abstract Session
Track A
Session Room 7
Co-Chair: Fatah Kashanchi, United States
Co-Chair: Clovis Steve Palmer, Australia
- 11:00 – 11:15 **19407 Discovery of novel transcription factors present only in infected cells**
Speaker: Fatah Kashanchi, United States
- 11:15 – 11:30 **16847 Third generation long-read sequencing of HIV-1 transcripts discloses cell type specific and temporal regulation of RNA splicing**
Speaker: Frederic Bushman, United States

- 11:45 – 12:00 **16381** **Glut1: establishing a new paradigm for HIV-1 infection by regulating glucose metabolism and activation in CD4+ T cells in HIV-1-positive subjects**
Speaker: Clovis Steve Palmer, Australia
- 12:00 – 12:15 **18525** **A universal nanoparticle cell secretion capture assay for the study of HIV-1-positive tissues**
Speaker: Jean-Charles Grivel, United States (*NIH Staff - NICHD*)
- 11:00 – 12:30** **TUAB02** **PK, Efficacy and Safety of ART in Infants and Children**
Oral Abstract Session
Track B
Session Room 8

Chair: Philippa Musoke, Uganda
- 11:00 – 11:15 **6627** **Tenofovir disoproxil fumarate (TDF) pharmacokinetics (PK) with daily dosing in the first week of life (HPTN 057)**
Speaker: Karin Nielsen-Saines, United States
- 11:30 – 11:45 **9516** **Pharmacokinetics, safety and efficacy of dolutegravir (DTG; S/GSK1349572) in HIV-1-positive adolescents: preliminary analysis from IMPAACT P1093**
Speaker: Rohan Hazra, United States (*NIH Staff - NICHD*)
- 12:00 – 12:15 **6505** **IMPAACT P1066: raltegravir (RAL) safety and efficacy in HIV infected (+) youth two to 18 years of age through week 48**
Speaker: Sharon Nachman, United States
- 11:00 – 12:30** **TUAD01** **Criminalizing Sex Work**
Oral Abstract Session
Track D
Session Room 9

Co-Chair: Deon Haywood, United States
- 11:00 – 12:30** **TUWS02** **Implementing Pre-exposure Prophylaxis: Current Progress and Future Challenges**
Scientific Development
Track C
Mini Room 2

Co-Facilitator: Jorge Sanchez, Peru
- 11:00 – 12:30** **TULBE** **Late Breaker Track E**
Oral Abstract Session
Track E
Mini Room 9

- 11:45 – 12:00 **21119** **Changes in population-level HIV RNA distribution one year after implementation of key components of an HIV 'test and treat strategy in rural Uganda**
Speaker: Vivek Jain, United States
- 13:00 – 14:00** **TUSS01** **China, India, South Africa, Brazil: How Will They Use Their Leadership to Advance the AIDS Response?**
Special Session
Session Room 1
- 13:00 – 14:00 **WESS0101** **Panel Discussion**
Co-Speaker: Jeffrey Sachs, United States
Co-Speaker: Antonio Patriota, Brazil
Co-Speaker: Anand Sharma, India
Co-Speaker: Kgalema Motlanthe, South Africa
- 13:00 – 14:00** **TUSS03** **ARV Controversies and Challenges: When to Start, What to Start?**
Special Session
Session Room 3
- 13:16 – 13:30 **TUSS0302** **When to start?**
Speaker: Kiat Ruxrungham, Thailand
- 13:30 – 13:44 **TUSS0303** **What to start?**
Speaker: Beatriz Grinsztejn, Brazil
- 13:00 – 14:00** **TUPDB01** **Pharmacokinetics and Pharmacogenomics of ART: Coming of Age**
Oral Poster Discussion Session
Track B
Session Room 8

Chair: David Beck
- 13:00 – 13:05 **14078** **Atazanavir pharmacokinetics and efficacy and safety outcomes by sex in AIDS Clinical Trials Group Study 5202 (A5202)**
Speaker: Charles Venuto, United States
- 13:05 – 13:10 **9414** **Pharmacogenetics of intrapartum single-dose nevirapine (SD NVP) in AIDS Clinical Trials Group (ACTG) Protocol A5207**
Speaker: David Haas, United States
- 13:10 – 13:15 **8001** **Development of the first liquid chromatography-tandem mass spectrometry assay for antiretrovirals in meconium**
Speaker: Sarah Himes, United States *(NIH Staff - NIDA)*
- 13:15 – 13:20 **304** **A single nucleotide polymorphism in CYP2B6 leads to >3-fold increases in efavirenz concentrations in intensive pharmacokinetic curves and hair samples**
Speaker: Monica Gandhi, United States

- 13:00 – 14:00 TUPDA01 Aberrant T Cell Responses**
 Oral Poster Discussion Session
 Track A
 Mini Room 3
- 13:10 – 13:15 **18890 Novel DNA vaccine candidates that mimic the neutralization-competent structure of the MPER of HIV-1 gp41**
 Speaker: Jamie Kathleen Scott, Canada
- 13:15 – 13:20 **17262 Characterization of broadly neutralizing antibodies (bNAbs) to HIV-1 present in a cohort of long term non-progressors (LTNPs)**
 Speaker: Nuria Gonzalez, Spain
- 13:00 – 14:00 TUPDE02 How and How Often: Issues of Laboratory Monitoring**
 Oral Poster Discussion Session
 Track E
 Mini Room 4
 Co-Chair: Robin Wood, South Africa
- 13:00 – 14:00 TUPDC01 Enhancing STI Services for HIV Prevention**
 Oral Poster Discussion Session
 Track C
 Mini Room 6
 Co-Chair: Sharon Weir, United States
- 13:25 – 13:30 **13368 Sexually transmitted disease diagnoses associated with exchange sex among Hispanic migrant men who have sex with men in the United States**
 Speaker: Elizabeth DiNenno, United States
- 13:00 – 14:00 TUPDB02 Primary HIV Infection: Pathogenesis, Diagnosis and Treatment**
 Oral Poster Discussion Session
 Track B
 Mini Room 7
 Chair: Carlos del Rio, United States
- 13:15 – 13:20 **16551 Very early initiation of combination antiviral therapy results in normal levels of markers of immune activation**
 Speaker: Martin Markowitz, United States
- 13:20 – 13:30 **TUPDB0205 Summary of evidence**
 Speaker: Martin Markowitz, United States

- 13:00 – 14:00 TUPDC02 Couples, Families and HIV Transmission**
 Oral Poster Discussion Session
 Track C
 Mini Room 8
 Co-Chair: Sinead Delany-Moretlwe, South Africa
- 13:15 – 13:20 **17256 The contribution of HIV-discordant couples to HIV transmission in Lilongwe, Malawi**
 Speaker: Kimberly Powers, United States
- 13:20 – 13:25 **12388 Social and structural barriers to uptake of PMTCT in Nyanza province, Kenya: a community-based survey**
 Speaker: Pamela Kohler, United States
- 13:00 – 14:00 TUPDC03 PEP, PrEP and HIV Testing**
 Oral Poster Discussion Session
 Track C
 Mini Room 9
 Co-Chair: Susan Buchbinder, United States
- 13:00 – 13:05 **19023 Willingness to take daily pre-exposure prophylaxis (PrEP) among MSM in two HIV epicenters in the United States**
 Speaker: Lisa R. Metsch, United States
- 13:05 – 13:10 **11852 Perceptions and attitudes about PrEP among seronegative partners and the potential of sexual disinhibition associated with the use of PrEP**
 Speaker: Wayne Duffus, United States
- 13:10 – 13:15 **15497 Acceptability of oral intermittent pre-exposure prophylaxis as a biomedical HIV prevention strategy: results from the South African ADAPT (HPTN 067) Preparatory Study**
 Speaker: Linda-Gail Bekker, South Africa
- 13:15 – 13:20 **4982 Use of a rapid HIV home test to screen potential sexual partners prevents HIV exposure in a high-risk sample of MSM**
 Speaker: Alex Carballo-Diéguez, United States
- 13:25 – 13:30 **19364 Project PrEP Talk: an in-depth qualitative analysis of PrEP acceptability, expectations and risk compensation beliefs among United States MSM**
 Speaker: Kristen Underhill, United States

- 13:00 – 14:00 TUPDD02 Drugs, Sex and HIV**
 Oral Poster Discussion Session
 Track D
 Mini Room 10
 Co-Chair: Annette Sohn, Viet Nam
- 13:00 – 13:05 **17309** **Typology of polydrug use and unsafe sex practices among rural stimulant users**
 Speaker: Brian Kelly, United States
- 13:05 – 13:10 **7745** **Predictors of long-term trajectories (2003-2010) of sex-drug and heavy alcohol (SDA) use among MSM**
 Speaker: David G Ostrow, United States
- 13:20 – 13:25 **13885** **Substance use and high-risk sexual behavior: dose-response associations in episodic and high-frequency substance-using men who have sex with men (SUMSM)**
 Speaker: Glenn-Milo Santos, United States
- 14:30 – 16:00 TUAC03 Antiretroviral Prophylaxis: Attitudes and Implementation**
 Oral Abstract Session
 Track C
 Session Room 3
 Co-Chair: Dawn K. Smith, United States
- 14:45 – 15:00 **14370** **Anticipated risk compensation with pre-exposure prophylaxis use among North American men who have sex with men using an internet social network**
 Speaker: Douglas Krakower, United States
- 15:15 – 15:30 **19363** **Dentist’s willingness to offer oral HIV rapid testing: results from a nationally representative survey**
 Speaker: Lisa R. Metsch, United States
- 14:30 – 16:00 TUAB03 Antiretroviral Resistance**
 Oral Abstract Session
 Track B
 Session Room 4
 Co-Chair: Robert Shafer, United States
- 14:30 – 14:50 **TUAB0301 Update from HIV resistance workshop**
 Speaker: Daniel Kuritzkes, United States

- 14:30 – 16:00 TUAC04 Male Circumcision: Strategies and Impact**
 Oral Abstract Session
 Track C
 Session Room 5
- 14:45 – 15:00 **3609 The efficacy of medical male circumcision against HIV acquisition at 66 months post-procedure in Kisumu, Kenya**
 Speaker: Robert Bailey, United States
- 14:30 – 16:00 TUSY04 Community Solutions to Community Problems: How PLHIV-Driven Research is Influencing Policy and Practice**
 Symposia Session
 Session Room 6
- 14:55 – 15:05 **TUSY0403 Integrating ARV-based interventions into HIV prevention response**
 Speaker: George Ayala, United States
- 14:30 – 16:00 TUBS02 HIV at 50+**
 Bridging Session
 Session Room 7
- 14:35 – 14:55 **TUBS0201 Epidemiological and clinical aspects of HIV infection in persons 50+**
 Speaker: Amy Justice, United States
- 14:55 – 15:35 **TUBS0202 Moderated discussion**
 Co-Speaker: Amy Justice, United States
- 14:30 – 16:00 TUAD03 Sex Workers: Prevention Needs, Coping Strategies, Personal Relationships and Ageing**
 Oral Abstract Session
 Track D
 Session Room 9
- 15:00 – 15:15 **17009 The complexity of negotiating HIV risk with clients and in private relationships: experiences of female sex workers in India**
 Speaker: Subadra Panchanadeswaran, United States
- 15:15 – 15:30 **8007 Emotional men and pragmatic women: relationship and gender dynamics between female sex workers and their regular partners in the Dominican Republic**
 Speaker: Deanna Kerrigan, United States

- 14:30 – 18:00 TUWS07 National Institutes of Health Workshop on Grantsmanship**
 Scientific Development
 Track A
 Mini Room 1
- This session will be of interest to international scientists as it will provide an overview of the National Institutes of Health (NIH)-sponsored HIV and AIDS research programs, HIV and AIDS research priorities, the electronic submission of grant applications, the peer review process, and a summary of key international HIV and AIDS research and training programmes. NIH Institute and Center programme representatives from the Office of Extramural Research, Center for Scientific Review, Fogarty International Center, National Institute on Drug Abuse, National Institute of Allergy and Infectious Diseases, National Institute of Mental Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Cancer Institute, National Heart, Lung, and Blood Institute, and National Institute on Alcohol Abuse and Alcoholism will provide a summary of peer review and programme-related issues and additional information on how to prepare a successful grant application.
- Co-Facilitator: Robert Eisinger, United States *(NIH Staff – OD OAR)*
 Co-Facilitator: Stacey Carrington-Lawrence, United States *(NIH Staff – OD OAR)*
 Co-Facilitator: Diana Finzi, United States *(NIH Staff - NIAID)*
 Co-Facilitator: Hilary Sigmon, United States *(NIH Staff - CSR)*
 Co-Facilitator: Monica Shah, United States *(NIH Staff - NHLBI)*
 Co-Facilitator: Betsy Read-Connole, United States *(NIH Staff - NCI)*
 Co-Facilitator: Jeanne McDermott, United States *(NIH Staff - FIC)*
 Co-Facilitator: Lynne Mofenson, United States *(NIH Staff - NICHD)*
 Co-Facilitator: Kendall Bryant, United States *(NIH Staff - NIAAA)*
 Co-Facilitator: Jeymohan Joseph, United States *(NIH Staff - NIMH)*
 Co-Facilitator: Lynda Erinoff, United States *(NIH Staff - NIDA)*
 Co-Facilitator: Megan Columbus, United States *(NIH Staff - OD)*
- 14:30 – 18:00 TUWS11 Antiretroviral Therapy in Resource-Limited Settings: Progress and Evolving Challenges**
 Scientific Development
 Track B
 Mini Room 5
- Co-Facilitator: James Hakim, Zimbabwe
- 16:30 – 18:00 TUSY07 The Lancet 2012 Special Theme Series: Men Who Have Sex with Men and HIV**
 Symposia Session
 Session Room 1
- Co-Chair: Chris Beyrer, United States
- 16:40 – 16:50 TUSY0701 Global epidemiology of HIV among MSM**
 Speaker: Stefan Baral, United States

- 16:50 – 17:00 **TUSY0702** **Prevention science advances and challenges for MSM**
Speaker: Patrick Sullivan, United States
- 17:00 – 17:10 **TUSY0703** **Comprehensive care in health services for MSM: caring for the whole man**
Speaker: Kenneth Mayer, United States
- 16:30 – 18:00** **TUAA02** **Mechanism of HIV Latency**
Oral Abstract Session
Track A
Session Room 2

Co-Chair: Warner Greene, United States
- 16:45 – 17:00 **10454** **Complete transcriptome analysis of latently infected CD4+ T cells**
Speaker: Fabio Romerio, United States
- 17:00 – 17:15 **2187** **CBF-1 induces both establishment and maintenance of HIV latency via recruiting PcG corepressor complex at LTR**
Speaker: Mudit Tyagi, United States
- 17:15 – 17:30 **13699** **Epigenetic modifications of HIV proviral LTRs: potential targets for cure**
Speaker: Stefanie Weber, Germany
- 16:30 – 18:00** **TUBS03** **Strategic Directions to Overcome the Impact of HIV on Indigenous Communities**
Bridging Session

Session Room 3
- 17:00 – 17:10 **TUBS0304** **Indigenous people in the United States of America**
Speaker: Karina Walters, United States
- 16:30 – 18:00** **TUAA03** **Novel Drugs and Treatment Strategies**
Oral Abstract Session
Track A
Session Room 7

Co-Chair: Mirko Paiardini, United States
Co-Chair: Daniel Kuritzkes, United States
- 17:00 – 17:15 **19110** **In vivo suppression of HIV by antigen specific T cells derived from engineered hematopoietic stem cells**
Speaker: Scott Kitchen, United States

- 17:15 – 17:30 **10234** **Oral serum-derived bovine immunoglobulin (SBI) administration leads to duodenal gastrointestinal-associated lymphoid tissue (GALT) CD4+ T-lymphocyte increases and improved small intestinal absorption function in an 8-week pilot study in patients with HIV-enteropathy**
Speaker: David Michael Asmuth, United States
- 17:30 – 17:45 **17040** **Improved intestinal immunity and cytotoxic potential of T cells in interleukin (IL)-21 treated SIV-infected rhesus macaques**
Speaker: Mirko Paiardini, United States
- 16:30 – 18:00** **TUAC05** **HIV and Hepatitis Co-Infection: Emerging Insights**
Oral Abstract Session
Track C
Session Room 8
- 16:30 – 16:45 **9862** **Use of rapid testing to prospectively identify HCV co-infection in populations with high HIV prevalence**
Speaker: Stephen Lee, United States
- 16:30 – 18:00** **TUAE01** **Cost-Effective Approaches to HIV and TB Treatment and Prevention**
Oral Abstract Session
Track E
Session Room 9

Co-Chair: Andrea Ciaranello, United States
Co-Chair: Eran Bendavid, United States
- 16:30 – 16:45 **7209** **Cost-effectiveness of lateral-flow urine LAM for TB diagnosis in HIV-positive South African adults**
Speaker: Di Sun, United States
- 16:45 – 17:00 **13361** **Cost-effectiveness of strategies to promote identification of HIV cases: economic analysis of a controlled trial in China**
Speaker: Gang Zeng, China
- 18:30 – 20:30** **TUSA10** **Putting Our Best Foot Forward: Getting the Best Treatment to the Most People Possible**
Non-Commercial Satellite
Session Room 2
- 18:38 – 18:48 **It's a matter of time**
Speaker: Wafaa (invited) El-Sadr
- 19:08 – 19:18 **Future treatment options**
Speaker: Pedro Cahn

- 18:30 – 20:30 TUSA12** **Addressing Mental Disorders: The Missing Link to Effective HIV Prevention, Care, Treatment and Support**
 Non-Commercial Satellite
 Session Room 4
- 18:30 – 18:30 **Introduction**
 Speaker: Jimmy Kolker
- 18:30 – 18:30 **Research Overview**
 Speaker: Francine Cournos
 Speaker: Milton Wainberg
- 18:30 – 18:30 **Panel Discussion**
 Speaker: Ilana Lapidos-Salaiz
 Speaker: Melissa Sharer
 Speaker: Dixon Chibanda
 Speaker: Randy Jackson
- 18:30 – 20:30 TUSA14** **Using Implementation Sciences to Accelerate the Scaling-Up of National HIV/AIDS Prevention and Treatment Programs in China**
 Non-Commercial Satellite
 Session Room 6
- Chair: Zunyou Wu
 Co-Chair: Roger Detels
- 18:30 – 18:48 **Multidisciplinary HIV and TB Implementation Sciences Research Training in China**
 Speaker: Roger Detels
- Speaker: Kaveh Khoshnood
- 19:48 – 20:03 **Challenges Moving from Sciences to Implementation in National AIDS Program in China**
 Speaker: Zunyou Wu
- 18:30 – 20:30 TUSA22** **Women in HIV Research: Effecting Change**
 Non-Commercial Satellite
 Mini Room 5
- Monica Gandhi MD, MPH Associate Professor of Medicine, HIV Division, UCSF Associate P.I, Northern California Women’s Interagency HIV Study (WIHS)
- Shari L. Dworkin, Ph.D., M.S. Associate Professor and Vice Chair Department of Social and Behavioral Sciences University of California at San Francisco Affiliated Faculty, Center for AIDS Prevention Studies (CAPS), UCSF

- 18:30 – 20:30 TUSA23 **The Role of Vaccines in Ending the Pandemic****
 Non-Commercial Satellite
 Mini Room 6
- This session will explore how research to develop an AIDS vaccine is a critical part of a comprehensive approach to addressing and ultimately ending the pandemic, including efforts to maximize the potential of existing and recently proven prevention methods. Major recent progress in the search for a safe and effective AIDS vaccine will be placed in the context of the unprecedented opportunities created by recent breakthroughs in HIV prevention research—setting the world on a path toward eliminating HIV transmission in our lifetime. It has never been more important to create linkages at the scientific and community levels through innovative and collaborative research and advocacy—in order to maintain the momentum in research and to ensure the political and financial commitment for AIDS vaccine R&D. The satellite will be framed with this goal in mind.
- 18:30 – 20:30 TUSA26 **Improving HIV Health Outcomes using the Electronic Health Record; Case Study – HIV and Aging****
 Non-Commercial Satellite
 Mini Room 9
- 19:40 – 20:00 **The Veterans Aging Cohort Study: Understanding and Improving Outcomes for Those Aging with HIV Infection**
 Speaker: Amy Justice, MD
- 18:30 – 20:30 TUSA27 **Mobile Technologies for HIV Identification, Prevention and Treatment****
 Non-Commercial Satellite
 Mini Room 10
- Chair: Dallas Swendeman
- 18:30 – 18:40 **Welcome and Introductory Remarks**
 Speaker: Dallas Swendeman
- 18:40 – 19:00 **Digital Microscopy and Diagnosis on Cellphones**
 Speaker: Aydogan Ozcan
- 19:40 – 20:00 **Self-Monitoring and Self-Management of Medication Adherence, Mental Health, and Risk Behaviors using Smart-Phones**
 Speaker: Dallas Swendeman
- 20:20 – 20:30 **Discussion and Closing Remarks**
 Speaker: Dallas Swendeman

Wednesday 25 July 2012

- 07:00 – 08:30 WESA07 Key Populations in Sub Saharan Africa: A SAHARA Journal Special Edition**
Non-Commercial Satellite
Mini Room 8

Moderator: Stef Baral
- 07:12 – 07:20 **Human Rights and HIV among Key Populations in the African Context**
Speaker: Dr Chris Byrer (MPH Associate Director for Johns Hopkins Center for AIDS Research)
- 07:50 – 08:00 **Moderated Discussion**
Speaker: Dr Stephan Baral (PHD Associate Director, Department of Epidemiology, Johns.Hopkins School of Public Health)
- 08:40 – 10:30 WEPL01 Turning the Tide on Transmission**
Plenary Session
Session Room 1

Co-Chair: Jay Levy, United States
- 08:40 – 09:05 **WEPL0101 The Way Forward For Development of an HIV-1 Vaccine**
Speaker: Barton Haynes, United States
- 11:00 – 12:30 WEAX01 The Future of Genomics in HIV Medicine**
Oral Abstract Session
Cross-Track
Session Room 1

Co-Chair: Francis Collins, United States *(NIH Staff - OD)*
- 11:00 – 11:10 **WEAX0101 Introduction**
Speaker: Francis Collins, United States *(NIH Staff - OD)*
- 11:10 – 11:30 **WEAX0102 Systems biology: when will it deliver for the clinician?**
Speaker: Sumit Chanda, United States
- 11:30 – 11:50 **WEAX0103 Innate immunity: implications for viral control**
Speaker: Frederic Bushman, United States
- 11:50 – 12:10 **WEAX0104 Genomics: coming to a clinical theater near you!**
Speaker: Philip Tarr, Switzerland

- 11:00 – 12:30 WEAD01 Positive Women: Reducing Vulnerability and Reinforcing Empowerment Opportunities**
Oral Abstract Session
Track D
Session Room 2
- 11:15 – 11:30 **14043 Critical consciousness, perceived racial discrimination and perceived gender discrimination in relation to demographics and HIV status in African American women**
Speaker: Gwendolyn Kelso, United States
- 11:30 – 11:45 **16570 Gender disparities and inequitable gender norms: implications for HIV prevention programming in Zambia**
Speaker: Waimar Tun, United States
- 11:45 – 12:00 **17659 Abuse and mortality in women with and at risk for HIV**
Speaker: Kathleen Weber, United States
- 12:15 – 12:30 **20193 HIV risk behaviour among victims and perpetrators of male-on-male sexual violence in South Africa: results from a population-based survey**
Speaker: Kristin Dunkle, United States
- 11:00 – 12:30 WEAC01 Youth and HIV: Risks and Interventions in the 21st Century**
Oral Abstract Session
Track C
Session Room 3
Co-Chair: Elaine Abrams, United States
- 11:15 – 11:30 **14715 Transactional sex in South African youth predicted by primary caregiver HIV/AIDS and extreme socio-economic vulnerability: multisite studies**
Speaker: Lucie Cluver, South Africa
- 11:30 – 11:45 **13992 The next generation: perinatally infected adolescents and their reproductive health**
Speaker: Vicki Tepper, United States
- 11:45 – 12:00 **12587 Soap opera video episodes streamed to smartphones in a randomized controlled trial to reduce HIV sex risk in young urban African American/black women**
Speaker: Rachel Jones, United States
- 12:00 – 12:15 **12110 Education and HIV/AIDS in western Kenya: results from a randomized trial assessing the long-term biological and behavioural impact of two school-based interventions**
Speaker: Vandana Sharma, United States

- 11:00 – 12:30 WEAE01 The Future of Affordable ART: Trends in Patents and Price**
 Oral Abstract Session
 Track E
 Session Room 7
 Co-Chair: Charles B. Holmes, United States
- 11:00 – 12:30 WEAE02 Starting and Staying on Course: HIV Linkage and Retention in Care**
 Oral Abstract Session
 Track E
 Session Room 8
 Co-Chair: Matthew Fox, United States
- 11:00 – 12:30 WEWS05 Effective Solutions to Combat HIV: Increasing Evidence of the Impact of Neglected Tropical Diseases on HIV Transmission and Disease Progression**
 Scientific Development
 Track A
 Mini Room 5
- 11:00 – 11:10 **WEWS0501 Introduction of workshop and goals**
 Speaker: Giuseppe Pantaleo, Switzerland
- 13:00 – 14:00 WESS03 Microbicides and PrEP: Back to Basics**
 Special Session
 Session Room 3
 Chair: Ian McGowan, United States
- 13:02 – 13:10 **WESS0301 Microbicides and PrEP: where we've been, where we are going**
 Speaker: Ian McGowan, United States
- 13:10 – 13:18 **WESS0302 The role of semen and genital tract inflammation on HIV acquisition in women**
 Speaker: Betsy Herold, United States
- 13:18 – 13:26 **WESS0303 Drug levels and correlates of protection: drug formulation and implications for drug levels in the genital and anal compartments**
 Speaker: Angela Kashuba, United States
- 13:00 – 14:00 WEPDA01 Highly-Exposed Seronegatives**
 Oral Poster Discussion Session
 Track A
 Mini Room 1

- 13:05 – 13:10 **19340** **Highly-exposed HIV seronegative persons (HESN) had higher levels of inflammatory and immune activation-associated serum biomarkers than lower risk HIV seroconverters (LRSC)**
Speaker: Otoniel Martinez-Maza, United States
- 13:10 – 13:15 **14988** **Induction and maintenance of HIV-1-specific immune responses in exposed seronegative (ESN) women of serodiscordant couples from southern India**
Speaker: Suniti Solomon, India
- 13:15 – 13:20 **12521** **Highly HIV exposed seronegative (HESN) sex workers from Nairobi, Kenya have altered innate mucosal immune responses at the level of the female genital tract**
Speaker: T. Blake Ball, Canada
- 13:00 – 14:00** **WEPDA02** **Transcriptional Regulations of HIV**
Oral Poster Discussion Session
Track A
Mini Room 2

Chair: Frederic Bushman, United States
- 13:00 – 14:00** **WEPDD01** **Mental Health: All in the Mind; Mental Health and Wellness for HIV/AIDS Infected and Affected People**
Oral Poster Discussion Session
Track D
Mini Room 5

Co-Chair: Jeffrey Fisher, United States
- 13:05 – 13:10 **12347** **Home-based mental health services are associated with improved mental health outcomes among individuals with HIV**
Speaker: Susan Reif, United States
- 13:10 – 13:15 **10088** **Risk and protective factors for depression symptoms among children affected by HIV/AIDS in rural China: a structural equation modeling analysis**
Speaker: Peilian Chi, United States
- 13:20 – 13:25 **5920** **Family network proportion and HIV risk among black men who have sex with men**
Speaker: John A Schneider, United States

- 13:00 – 14:00 WEPDC01 Sheep Rings and Other Things: New Directions in ARV for Prevention**
 Oral Poster Discussion Session
 Track C
 Mini Room 6
 Co-Chair: Sharon Hillier, United States
- 13:00 – 13:05 **19136 Sustained release tenofovir and maraviroc from intravaginal ring in sheep**
 Speaker: Thomas J Smith, United States
- 13:15 – 13:20 **17430 Sustained release raltegravir from an intravaginal ring in sheep**
 Speaker: Amanda Malone, United States
- 13:20 – 13:25 **4198 High maraviroc concentrations in rectal secretions after oral dosing do not prevent rectal SHIV transmission in macaques**
 Speaker: J. Gerardo Garcia-Lerma, United States
- 13:00 – 14:00 WEPDC02 Combination HIV Prevention Interventions: Can They Work?**
 Oral Poster Discussion Session
 Track C
 Mini Room 7
- 13:10 – 13:15 **16949 Changes in HIV testing and condom use in Malawi: longitudinal findings at midterm from the Malawi BRIDGE II Project**
 Speaker: Rajiv N. Rimal, United States
- 13:20 – 13:25 **17165 Effectiveness of behavioral interventions on unprotected sex among people living with HIV: a system review and meta-analysis**
 Speaker: Lu Yin, United States
- 13:25 – 13:30 **18049 A complex systems approach to evaluate HIV prevention in metropolitan areas: preliminary implications for combination intervention strategies**
 Speaker: Brandon Marshall, United States
- 13:00 – 14:00 WEPDB01 Laboratory Monitoring of HIV Infection**
 Oral Poster Discussion Session
 Track B
 Mini Room 8
 Chair: Robert Coombs, United States

- 14:30 – 16:00 WEAB01 HCV: A New Era Dawns**
 Oral Abstract Session
 Track B
 Session Room 1
 Co-Chair: Chloe L. Thio, United States
- 14:30 – 14:45 **WEAB0101 Rapid progression of fibrosis in acute HCV among HIV infected MSM**
 Speaker: Daniel Fierer, United States
- 14:45 – 15:00 **17867 Increased risk of hepatic decompensation and hepatocellular carcinoma in HIV/HCV-co-infected patients compared to HCV-mono-infected patients despite combination antiretroviral therapy**
 Speaker: Vincent Lo Re, United States
- 15:00 – 15:15 **12561 The addition of nitazoxanide to peginterferon alfa-2a and ribavirin does not significantly improve sustained virologic response in HCV treatment-naïve genotype 1 HIV-1/HCV co-infected subjects: results of ACTG 5269**
 Speaker: Anne F. Luetkemeyer, United States
- 15:15 – 15:30 **WEAB0104 The new era of HCV treatment: what's in the pipeline for HIV/HCV co-infection**
 Speaker: Norah Anne Terrault, United States
- 14:30 – 16:00 WEAC02 Hormonal Contraception and HIV: an Evolving Controversy**
 Oral Abstract Session
 Track C
 Session Room 2
 Co-Chair: Adaora Adimora, United States
- 14:30 – 14:45 **13567 Association between STI/RTI infections, altered cervical innate immunity and HIV-1 seroconversion among hormonal contraceptive users**
 Speaker: Raina Fichorova, United States
- 14:45 – 15:00 **6700 Association of injectable contraception and risk of HIV-1 acquisition in women in HIV-1 serodiscordant partnerships: persistence of effect in multiple sensitivity analyses**
 Speaker: Renee Heffron, United States
- 15:00 – 15:15 **9645 Hormonal contraception and HIV acquisition in women: a systematic review of the epidemiological evidence**
 Speaker: Chelsea Polis, United States

- 14:30 – 16:00 WEAB02 HPV: Meeting the Global Challenge**
 Oral Abstract Session
 Track B
 Session Room 3
 Co-Chair: Kathryn Anastos, United States
- 14:50 – 15:05 **20042 Immunogenicity of the HPV-6, -11, -16, -18 vaccine in HIV-positive young women**
 Speaker: Jessica Kahn, United States
- 15:05 – 15:20 **11830 Safety and immunogenicity of the quadrivalent human papillomavirus vaccine in HIV-positive women**
 Speaker: Erna Milunka Kojic, United States
- 15:20 – 15:35 **19566 HPV genotype attribution of anal neoplasia in HIV-positive MSM: estimating the preventable fraction and disease misclassification**
 Speaker: Vikrant Sahasrabuddhe, United States *(NIH Staff - NCI)*
- 14:30 – 16:00 WEBS02 Children: Growing Up with HIV Infection**
 Bridging Session
 Session Room 6
- 14:50 – 15:00 **WEBS0202 Development challenges from infancy to the school year: transitioning through life – health, personal, social and societal issues**
 Speaker: Linda Richter, South Africa
- 15:00 – 15:10 **WEBS0203 The VUKA Family Project: working with local communities, hospitals, research organizations, PLHIV, and artists to promote the health, mental health and prevention needs of perinatally-infected youth and their families**
 Speaker: Claude A. Mellins, United States
- 15:10 – 15:20 **WEBS0204 Complications of HIV perinatally infected adolescents and young adults in resource-rich countries**
 Speaker: Rohan Hazra, United States *(NIH Staff - NICHD)*
- 15:20 – 15:30 **WEBS0205 Complications of HIV perinatally infected adolescents and young adults in resource-limited countries**
 Speaker: Philippa Musoke, Uganda
- 14:30 – 16:00 WEAD03 Combination Prevention**
 Oral Abstract Session
 Track D
 Session Room 7
 Co-Chair: David Celentano, United States

- 14:30 – 16:00 WEAA01 Natural and Vaccine Induced Immunities**
 Oral Abstract Session
 Track A
 Session Room 9
- 14:30 – 14:45 **17234 Characterization of early gene expression profile in the blood of macaques immunized a Thai trail-like vaccine**
 Speaker: Monica Vaccari, United States *(NIH Staff - NCI)*
- 14:45 – 15:00 **4043 A novel HIV vaccine approach: targeting the protease cleavage sites of HIV-1**
 Speaker: Ma Luo, Canada
- 15:30 – 15:45 **14404 The HIV-1 envelope protein gp120 mimics MAdCAM and VCAM in binding to Integrin- $\alpha 4\beta 7$**
 Speaker: Fatima Nawaz, United States *(NIH Staff – NIAID)*
- 14:30 – 16:00 WERE03 Turning the Tide in the HIV and AIDS Epidemic in Washington, D.C.**
 Regional Session
 GV Session Room 1
- 14:50 – 15:00 **WERE0304 Partnership for AIDS progress: role of the National Institutes of Health**
 Speaker: Carl W. Dieffenbach, United States *(NIH Staff – NIAID)*
- 15:00 – 15:05 **WERE0305 Coordination and development of HIV research: D.C. Developmental Center for AIDS Research**
 Speaker: Alan Greenberg, United States
- 15:15 – 15:20 **WERE0308 Research response: hepatitis**
 Speaker: Shyam Kottlil, United States *(NIH Staff – NIAID)*
- 16:30 – 18:00 WEAD05 Stigma: Breaking the Silences – Dealing with Stigma and Exclusion for PLHIV and HIV/AIDS Affected Populations**
 Oral Abstract Session
 Track D
 Session Room 1
 Co-Chair: Maria Lennartsdotter Ekstrand, United States
- 17:30 – 17:45 **12788 Feasibility, acceptability and initial efficacy of the ‘Unity workshop’: an internalized stigma reduction intervention for African American women living with HIV**
 Speaker: Deepa Rao, United States

- 16:30 – 18:00 WESY05 Antiretroviral Management in 2012, Organized Jointly with the International Antiviral Society-USA**
Symposia Session
Session Room 2

Co-Chair: Pedro Cahn, Argentina
Co-Chair: Melanie Thompson, United States
- 16:30 – 16:45 **WESY0501 When to start antiretroviral therapy**
Speaker: Constance Benson, United States
- 16:45 – 17:00 **WESY0502 Choosing the initial antiretroviral regimen**
Speaker: Paul Volberding, United States
- 17:00 – 17:15 **WESY0503 HIV / HCV and HIV / HBV co-infections: when and where to start**
Speaker: Joseph Eron, United States
- 17:30 – 17:45 **WESY0505 Pre-exposure prophylaxis (PrEP)**
Speaker: Scott Hammer, United States
- 17:45 – 18:00 **WESY0506 Panel discussion**
Co-Speaker: Judith Aberg, United States
Co-Speaker: Amalio Telenti, Switzerland
- 16:30 – 18:00 WEAA02 HIV/SIV Pathogenesis**
Oral Abstract Session
Track A
Session Room 3

Co-Chair: Ivona Pandrea, United States
- 16:30 – 16:45 **WEAA0201 Therapeutic interventions to reduce microbial translocation and immune activation**
Speaker: Ivona Pandrea, United States
- 16:45 – 17:00 **12302 Differential SIV infection patterns of lymph node-resident CD4 T cells distinguishes progressive from nonprogressive SIV infection**
Speaker: Carol Vinton, United States
- 17:00 – 17:15 **12210 Target cell restriction may limit mother-to-child transmission of SIV in sooty mangabeys**
Speaker: Ann Chahroudi, United States
- 16:30 – 18:00 WERE04 Regional Session on USA and Canada**
Regional Session
Session Room 5

- 17:05 – 17:55 **WERE0403** **Panel discussion**
Co-Speaker: Adaora Adimora, United States
- 16:30 – 18:00** **WESY06** **Maximizing Reproductive Possibilities and Choices for Women Living with HIV**
Symposia Session
Session Room 6
- 17:05 – 17:20 **WESY0604** **Healthcare professional’s perspective of pre-conception care and the prevention of unintended pregnancies**
Speaker: John Ongech, Kenya
- 16:30 – 18:00** **WEAE03** **Will Mobile Technology ‘Do It’?**
Oral Abstract Session
Track E
Session Room 7

Co-Chair: Jean B. Nachega, United States
- 16:45 – 17:00 **10564** **Monthly monitoring at a small NGO: mobile phones versus paper**
Speaker: Kati Regan, United Republic of Tanzania
- 17:15 – 17:30 **17726** **Mobile telemedicine for improved community-level clinical decision making, referrals and medical information transmission and storage: a pilot study in Nairobi, Kenya**
Speaker: Jennifer Cohn, United States
- 17:30 – 17:45 **WEAE0305** **Review on current data on mobile technology**
Speaker: Richard Lester, Canada
- 16:30 – 18:00** **WEAE04** **Young People, HIV and Sexual and Reproductive Health Services**
Oral Abstract Session
Track E
Session Room 8
- 17:15 – 17:30 **7715** **Active program participation and HIV risk reduction among urban youth: findings from the Complementary Strengths Research Partnership**
Speaker: Jennifer Tiffany, United States
- 16:30 – 18:00** **WESY07** **Regenerating HIV Prevention and Education among Gay Men and MSM: Cultural Analysis and Intervention**
Symposia Session
Track D
GV Session Room 1
- 17:05 – 17:20 **WESY0703** **Culture and community mobilization among gay and MSM in Peru**
Speaker: Carlos F. Caceres, Peru

18:30 – 20:30 WESA11 The HIV Experience 2012: Focus on Prevention, Testing, and Treatment
Commercial Satellite
Session Room 3

18:50 – 19:20 **Studies in HIV Prevention: PrEP and Treatment as Prevention**
Speaker: Robert Grant, MD, MPH

Thursday 26 July 2012

- 07:00 – 08:30 THSA01** **Addressing Sexual Health and Evidence-Based Sexual Health Education: Evolving Opportunities**
Non-Commercial Satellite
Session Room 9
- 07:37 – 07:45 **Review of gaps in knowledge and needs for research**
Speaker: Carlos F. Caceres
- 07:00 – 08:30 THSA05** **The Overlap of HIV, Key Populations and Psycho-Stimulant Drugs**
Non-Commercial Satellite
Mini Room 4
- 07:00 – 07:15 **Crack Cocaine and HIV: Multiple factors of a “perfect storm” in New York City**
Speaker: Don DesJarlais
- 11:00 – 12:30 THAD01** **Bad Manners at the Bedside: Stigma and Discrimination in Health Care Settings**
Oral Abstract Session
Track D
Session Room 3
- 11:15 – 11:30 **3682** **An intervention to reduce HIV stigma in health care settings in China**
Speaker: Li Li, United States
- 11:45 – 12:00 **4056** **Reducing stigma among Indian nursing students: a brief intervention involving local PLHIV networks**
- 11:00 – 12:30 THAB01** **TB Diagnostics: Innovating to Make an Impact**
Oral Abstract Session
Track B
Session Room 6
- 11:15 – 11:30 **4278** **Impact of HIV on early MDR-TB treatment outcomes in Botswana**
Speaker: Jeffrey Hafkin, United States
- 11:00 – 12:30 THSY02** **The Oldest Profession: Is Sex Work, Work?**
Symposia Session
Session Room 8
- 11:10 – 11:20 **THSY0202** **The nature and scale of the burden of HIV on sex workers**
Speaker: Deanna Kerrigan, United States
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- 11:00 – 12:30 THSY03 HIV Persistence and Eradication**
Symposia Session
Track A
Session Room 9

Co-Chair: Steven G. Deeks, United States
Co-Chair: Françoise Barré-Sinoussi, France
- 11:02 – 11:22 **THSY0301 The memory cell and the latent virus**
Speaker: Vicente Planelles, United States
- 11:42 – 12:02 **THSY0303 Improving means to activate/eliminate latent HIV reservoirs**
Speaker: Jerome Zack, United States
- 11:00 – 12:30 THSY04 Hormonal Contraception: The Role of Fertility Choice in HIV Prevention**
Symposia Session
Track C
GV Session Room 1
- 11:05 – 11:20 **THSY0401 Contraception and HIV acquisition (HIV/HC)**
Speaker: Ward Cates, United States
- 11:00 – 12:30 THWS01 Developing Programmes to Sensitize Providers to the Unique HIV and Health Needs of Men Who Have Sex With Men and Transgender People**
Community Skills Development
Mini Room 1
- 11:00 – 11:10 **Developing and implementing sensitivity training for men who have sex with men**
Speaker: Tri Do, United States
- 13:00 – 14:00 THSS02 The Evolving Landscape of Hepatitis C and HIV Co-Infection**
Special Session
Session Room 2
- 13:05 – 13:20 **THSS0201 Management of HCV infection in persons with HIV**
Speaker: Susanna Naggie, United States
- 13:20 – 13:35 **THSS0202 Access to HCV treatment**
Speaker: Greg Dore, Australia
- 13:35 – 13:50 **THSS0203 The immune response to HCV and HCV vaccine development**
Speaker: Georg Lauer, United States

- 13:00 – 14:00 THPDA01 HIV and Other Pathogens: The Basic Science of Co-Infections**
 Oral Poster Discussion Session
 Track A
 Mini Room 1
 Chair: Thomas Quinn, United States (*NIH Staff*)
- 13:15 – 13:20 **4530 HIV-facilitated paracellular penetration of HPV into mucosal epithelium**
 Speaker: Sharof Tugizov, United States
- 13:00 – 14:00 THPDA02 Infection, Replication and Evasion**
 Oral Poster Discussion Session
 Track A
 Mini Room 2
 Co-Chair: Scott Kitchen, United States
 Co-Chair: Ronald Swanstrom, United States
- 13:05 – 13:10 **9775 Hematopoietic stem cell gene therapy targeting HIV-1 based on lenti-viral CCR5Δ32 and multiple microRNAs**
 Speaker: Lung-Ji Chang, United States
- 13:20 – 13:25 **9968 CXCR4-tropism is associated with the preferential establishment of an HIV-reservoir in naïve CD4+ T cells among HIV-positive Ugandan children receiving antiretroviral therapy**
 Speaker: Theodore Ruel, United States
- 13:00 – 14:00 THPDE02 Providing HIV Care in Floods, Violence and War**
 Oral Poster Discussion Session
 Track E
 Mini Room 3
 Co-Chair: Edward Mills, United States
- 13:00 – 14:00 THPDB01 ART in Resource-Limited Settings**
 Oral Poster Discussion Session
 Track B
 Mini Room 6
 Chair: Juan Sierra-Madero, Mexico
- 13:00 – 13:05 **18410 Accumulation of protease mutations among patients on non-suppressive 2nd-line ART in Nigeria**
 Speaker: Holly Rawizza, United States
- 13:05 – 13:10 **12719 Evaluation of the WHO immunologic criteria for antiretroviral treatment failure among adults on first line highly active antiretroviral therapy (HAART) in south India**
 Speaker: Snigdha Vallabhaneni, United States

- 13:15 – 13:20 **17235** **Antiretroviral therapy outcomes measured by virologic failure in Nigeria**
Speaker: Phyllis Jean Kanki, United States
- 13:25 – 13:30 **9799** **Adverse events in an integrated, home-based treatment program for MDR-TB and HIV in Tugela Ferry, South Africa**
Speaker: James C.M. Brust, United States
- 13:00 – 14:00** **THPDC01** **Global MSM: Epidemiology and Trends**
Oral Poster Discussion Session
Track C
Mini Room 7

Co-Chair: Jorge Sanchez, Peru
- 13:05 – 13:10 **19757** **Modeling of HIV epidemic among men who have sex with men in Beijing, China**
Speaker: Han-Zhu Qian, United States
- 13:00 – 14:00** **THPDC02** **The Global Picture: Transgender Health and Rights**
Oral Poster Discussion Session
Track C
Mini Room 8
- 13:00 – 13:10 **THPDC0201** **The global burden: HIV testing**
Speaker: Tonia Poteat, United States
- 13:10 – 13:15 **19729** **Global burden of HIV infection among transgender persons: a systematic review and meta-analysis**
Speaker: Stefan Baral, United States
- 13:00 – 14:00** **THPDD01** **Discarded People**
Oral Poster Discussion Session
Track D
Mini Room 9
- 13:15 – 13:20 **9168** **Increasing HIV testing among African refugees in Africa: intervening in the daily survival cycle to encourage priority shifting**
Speaker: Kelli Nicole O’Laughlin, United States
- 13:00 – 14:00** **THPDD02** **Ageing with HIV**
Oral Poster Discussion Session
Track D
Mini Room 10
- 13:00 – 13:05 **5909** **Getting older while living with HIV in the United States**
Speaker: Kathleen Nokes, United States

- 13:10 – 13:15 **12080** **HIV risk and recent sexual behaviour of older adults in rural South Africa**
Speaker: Jill Williams, United States
- 14:30 – 16:00** **THAC02** **From Promise to Programmes: Treatment as Prevention**
Oral Abstract Session
Track C
Session Room 2
- 14:45 – 15:00 **14721** **Patients in routine HIV clinical care at-risk for potentially transmitting HIV in the 'test-and-treat' era of HIV prevention**
Speaker: Heidi Crane, United States
- 14:30 – 16:00** **THAB02** **Non-AIDS Events: No Organ Spared**
Oral Abstract Session
Track B
Session Room 3

Co-Chair: Grace McComsey, United States
Co-Chair: Allison Ross Eckard, United States
- 14:45 – 15:00 **13094** **Increased platelet activity and immune activation in HIV-positive subjects on antiretroviral therapy is attenuated with low-dose aspirin**
Speaker: Meagan O'Brien, United States
- 14:30 – 16:00** **THSY06** **HIV in Women throughout the Lifespan**
Symposia Session
Track B
Session Room 4

Co-Chair: Beatriz Grinsztejn, Brazil
Co-Chair: Sharon Hillier, United States
- 14:35 – 14:50 **THSY0601** **Adolescent women and HIV**
Speaker: Linda-Gail Bekker, South Africa
- 15:05 – 15:20 **THSY0603** **Ageing, HIV and women**
Speaker: Kathryn Anastos, United States
- 14:30 – 16:00** **THBS02** **Eliminating HIV Infections by Targeting Inequities: Addressing Social Determinants of HIV Disparities**
Bridging Session
Session Room 6
- 14:55 – 15:05 **THBS0203** **The state of research in identifying, measuring, and evaluating social determinants of health and HIV**
Speaker: Carlos F. Caceres, Peru

- 14:30 – 16:00 THAD05 MSM: The Impact of Internal and External Stigma on a Personal and Social Level**
 Oral Abstract Session
 Track D
 Session Room 8
- 14:45 – 15:00 **13110 Homophobia and access to HIV services among young men who have sex with men (YMSM)**
 Speaker: Glenn-Milo Santos, United States
- 14:30 – 16:00 THAA01 HIV Reservoirs: Where and How is the Virus Hiding?**
 Oral Abstract Session
 Track A
 Session Room 9
 Co-Chair: Nicolas Chomont, United States
- 14:30 – 14:45 **6016 Long-term reduction in peripheral blood HIV-1 reservoirs following reduced-intensity conditioning allogeneic stem cell transplantation in two HIV-positive individuals**
 Speaker: Timothy J. Henrich, United States
- 14:45 – 15:00 **16509 Viral tissue reservoirs are determined early and little viral RNA is detected during suppression by three or four drug regimens in the macaque model**
 Speaker: Zandrea Ambrose, United States
- 15:15 – 15:30 **17663 SIVagm infection of rhesus macaques: a model of functional cure with persistent reservoirs of replication-competent virus**
 Speaker: Cristian Apetrei, United States
- 15:30 – 15:45 **17623 Characterization of persistent HIV-1 in a broad spectrum of CD4+ T cells isolated from peripheral blood and gut associated lymphoid tissue from patients on long-term suppressive therapy**
 Speaker: Lina Josefsson, Sweden
- 16:30 – 18:00 THAB03 HIV Diagnosis and HAART Initiation: Don't Be Late!**
 Oral Abstract Session
 Track B
 Session Room 2
 Co-Chair: James Hakim, Zimbabwe
- 16:30 – 16:45 **9435 Non-adherence to HIV testing guidelines and late HIV diagnosis is common among U.S. black men who have sex with men (MSM)**
 Speaker: Sharon Mannheimer, United States

- 17:00 – 17:15 **11935** **Characteristics of individuals presenting late for care across Europe: results from the Collaboration of Observational HIV Epidemiological Research Europe (COHERE)**
Speaker: Jens Lundgren, Denmark
- 16:30 – 18:00** **THAC03** **Out in the World: Global MSM HIV Epidemics**
Oral Abstract Session
Track C
Session Room 3

Co-Chair: Jorge Sanchez, Peru
Co-Chair: David Malebranche, United States
- 17:00 – 17:15 **13754** **The recent impact of MSM on the prevalence of HIV-1 infection among young men in Thailand**
Speaker: Ram Rangsinsin, Thailand
- 16:30 – 18:00** **THAC04** **Evidence-Based Prevention for Injecting Drug Users: It Works!**
Oral Abstract Session
Track C
Session Room 4
- 16:45 – 17:00 **16194** **Switching people who inject drugs from high dead space to low dead space syringes as a structural intervention to prevent injection-related HIV epidemics**
Speaker: William Zule, United States
- 17:00 – 17:15 **5039** **Predictors of dropping out of methadone maintenance treatment in China: a six-year cohort study**
Speaker: Xiaobin Cao, China
- 17:15 – 17:30 **18303** **Effects of an HIV/AIDS peer prevention intervention on sexual and injecting risk behaviours among injecting drug users (IDU) and their risk partners in Thai Nguyen, Vietnam: a randomized controlled trial**
Speaker: Vivian Go, United States
- 16:30 – 18:00** **THAE01** **Service Delivery for Women and Their Children**
Oral Abstract Session
Track E
Session Room 5
- 16:45 – 17:00 **4197** **Improved employment and children's education outcomes in households of HIV-positive adults with high CD4 counts: evidence from a community-wide health campaign in Uganda**
Speaker: Harsha Thirumurthy, United States

- 16:30 – 18:00 THLBB** **Late Breaker Track B**
 Oral Abstract Session
 Track B
 Session Room 6
 Co-Chair: Gerald Friedland, United States
- 16:45 – 17:00 **20755** **Safety, tolerability and early bactericidal activity in sputum of PNU-100480 (sutezolid) in patients with pulmonary tuberculosis**
 Speaker: Robert Steven Wallis, United States
- 17:30 – 17:45 **21278** **Effect of early versus delayed initiation of antiretroviral therapy (ART) on clinical outcomes in the HPTN 052 randomized clinical trial**
 Speaker: Beatriz Grinsztejn, Brazil
- 17:45 – 18:00 **21171** **Associations of inflammatory markers with AIDS and non-AIDS clinical events after initiation of antiretroviral therapy (ART): AIDS Clinical Trials Group A5224s, a substudy of ACTG A5202**
 Speaker: Grace A McComsey, United States
- 16:30 – 18:00 THAC05** **Sex Workers and Clients: Epidemics and Responses**
 Oral Abstract Session
 Track C
 Session Room 9
 Co-Chair: Susan Sherman, United States
 Co-Chair: Steffanie Strathdee, United States
- 16:30 – 16:45 **19020** **High and disproportionate burden of HIV among female sex workers in low- and middle-income countries: a systematic review and meta-analysis**
 Speaker: Stefan Baral, United States
- 17:00 – 17:15 **13791** **Cost-effectiveness of combined sexual and injection risk reduction interventions among female sex workers who inject drugs in two very distinct Mexican-U.S. border cities**
 Speaker: Jose Luis Burgos, United States
- 18:30 – 20:30 THSA10** **Health Sector Partnerships: Creating Local Clinical Service Networks for MSM in Diverse Global Settings**
 Non-Commercial Satellite
 Session Room 4
 Co-Chair: Ken Mayer
 Co-Chair: Chris Beyrer

- 18:30 – 20:30 THSA12 Working Towards AIDS 2014 in Melbourne: A Partnership Approach to Priority Issues in HIV/AIDS**
Non-Commercial Satellite
Session Room 6
- 18:50 – 18:53 **Introduction of and discussion with Anthony Fauci**
Speaker: Yimin Shao
- 18:53 – 19:03 **Basic and Applied HIV Research: The Way Forward**
Speaker: Anthony Fauci (*NIH Staff – NIAID*)
- 19:19 – 19:29 **The emerging issues in prevention science**
Speaker: Myron Cohen
- 18:30 – 20:30 THSA15 Community Engagement in Research**
Non-Commercial Satellite
Session Room 9
- 19:25 – 19:55 **Community engagement in research: which support from funders and technical partners?**
Co-Speaker: Carl Dieffenbach (*NIH Staff - NIAID*)
- 18:30 – 20:30 THSA20 The Rainbow of IRIS in HIV Infection**
Non-Commercial Satellite
Mini Room 5
- 18:45 – 18:55 **Clinical implications of translational research for cryptococcal IRIS**
Speaker: David Boulware
- 19:05 – 19:15 **Updates on IRIS pathogenesis**
Speaker: Irini Sereti (*NIH Staff – NIAID*)
- 18:30 – 20:30 THSA22 Choice Matters: Expanding the Method Mix of ARV-Based Prevention for Women in 2012 and Beyond**
Non-Commercial Satellite
Mini Room 7
Co-Chair: Sharon Hillier
- 18:35 – 18:50 **Looking back, looking forward: What we know and don't know (but may soon find out) about oral PrEP and tenofovir gel for preventing HIV in women**
Speaker: Jared Baeten

- 19:05 – 19:20 **Does choice matter? Are we there yet? A review of the challenges ahead and probable timelines for oral Truvada, tenofovir gel and the dapivirine ring**
Speaker: Sharon Hillier
- 18:30 – 20:30 THSA24 Exploring Alcohol Use, Gender-Based Violence and HIV/AIDS**
Non-Commercial Satellite
Mini Room 9
- 19:05 – 19:25 **Can Community Mental Health Care Address Alcohol, Gender Based Violence and HIV/AIDS**
Speaker: Atalay Alem
- 19:25 – 19:45 **Integrated Gender Based Violence and HIV Risk Reduction Intervention**
Speaker: Seth Kalichman

Friday 27 July 2012

- 08:29 – 10:30 FRPL01 HIV in the Larger Global Health Context**
Plenary Session
Session Room 1
Co-Chair: Carl W. Dieffenbach, United States (*NIH Staff – NIAID*)
- 09:05 – 09:30 **FRPL0102 Intersection of Non-Communicable Diseases and Ageing in HIV**
Speaker: Judith Currier, United States
- 11:00 – 12:30 FRSY01 Looking to the Future in HIV and TB**
Symposia Session
Session Room 1
Co-Chair: Diane Havlir, United States
- 11:25 – 11:45 **FRSY0103 New TB diagnostics and drugs: potential and pitfalls**
Speaker: Richard Chaisson, United States
- 11:00 – 12:30 **FRSY02 Getting to Zero Excuses: Understanding and Addressing HIV-Related Stigma and Discrimination**
Symposia Session
Session Room 2
- 11:50 – 12:05 **FRSY0204 What works for reducing stigma and discrimination: programmes and tools for reducing stigma and discrimination, including human rights approaches**
Speaker: Laura Nyblade, United States
- 11:00 – 12:30 FRAE01 Put Your Money Where the Future Is: The Cost of Treating Children**
Oral Abstract Session
Track E
Session Room 4
Co-Chair: Andrea Ciaranello, United States
- 11:45 – 12:00 **13014 An automated platform for delivery of CD4 results to SMS-enabled antenatal clinic printers, Botswana**
Speaker: Scott Dryden-Peterson, United States
- 11:00 – 12:30 FRLBD Late Breaker Track D**
Oral Abstract Session
Track D
Session Room 5
Co-Chair: Ron MacInnis, United States
Co-Chair: Barbara de Zaluondo, Switzerland

- 11:00 – 11:15 **21323** **Effect of a national social cash transfer program on HIV risk behavior in Kenya**
Speaker: Sudhanshu Handa, United States
- 12:00 – 12:15 **20781** **An MSM-specific definition of intimate partner violence includes HIV-related violence and is associated with sexual risk-taking among MSM**
Speaker: Catherine Finneran, United States
- 11:00 – 12:30** **FRLBC** **Late Breaker Track C**
Oral Abstract Session
Track C
Session Room 6

Co-Chair: Jessica Justman, United States
- 11:00 – 11:15 **21242** **The cost-effectiveness of treatment as prevention: analysis of the HPTN 052 trial**
Speaker: Kenneth A. Freedberg, United States
- 11:15 – 11:30 **21268** **HIV clinical and program outcomes among older patients with HIV enrolled in HIV care and initiating ART in sub-Saharan Africa**
Speaker: Matthew R. Lamb, United States
- 11:30 – 11:45 **21424** **Method of hormonal contraception is associated with lower tenofovir concentration in healthy women (MTN-001): implications for pre-exposure prophylaxis**
Speaker: Jenell Coleman, United States
- 11:45 – 12:00 **21335** **BCG vaccination at birth induces non-specific CD4 T cell activation in HIV-exposed South African infants, which may increase HIV transmission through breastfeeding**
Speaker: Heather B. Jaspan, South Africa
- 12:00 – 12:15 **21127** **Combination interventions for the prevention of HIV among injection drug users: a complex systems dynamics model**
Speaker: Brandon Marshall, United States
- 11:00 – 12:30** **FRLBX** **Late Breaker Cross-Track**
Oral Abstract Session
Cross-Track
Session Room 7

Co-Chair: Adaora Adimora, United States
Co-Chair: Sten H Vermund, United States

- 11:30 – 11:45 **21523** **HIV prevalence, sexual risks and HIV knowledge among men who have sex with men (MSM) in Malawi: understanding risks among a stigmatized population and opportunities for interventions**
Speaker: Andrea Wirtz, United States
- 12:15 – 12:30 **21075** **The clinical and economic impact of a generic first-line antiretroviral regimen in the U.S.**
Speaker: Rochelle P. Walensky, United States
- 11:00 – 12:30** **FRBS01** **Balance Between Justice System and Provision of Services**
Bridging Session
Session Room 8
- 11:25 – 11:35 **FRBS0102** **HIV/TB: TB control in prisons**
Speaker: Robin Wood, South Africa
- 11:00 – 12:30** **FRSY04** **Culture, Law and Religion**
Symposia Session
Session Room 9
- 11:05 – 11:15 **FRSY0401** **Cultural and legal barriers for minority women that pose a threat to HIV care and prevention**
Speaker: Karina Walters, United States
- 11:35 – 11:45 **FRSY0404** **Cultural barriers to HIV care and prevention services**
Speaker: Bonnie Duran, United States
- 11:45 – 11:55 **FRSY0405** **Culture, law and religion: experiences of people living with HIV and AIDS**
Speaker: Lisa Tiger, United States
- 15:15 – 17:00** **FRPL03** **Closing Session**
Plenary Session
Session Room 1
- 15:20 – 15:25 **Remarks and introduction**
Speaker: Diane Havlir, United States
- 16:40 – 16:45 **Handover of the globe**
Speaker: Diane Havlir, United States



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