

# Tuesday 19 July | Poster Exhibition



**Venue:** **Balcony at First Level, by the Arena Entrance**

**Presentation:** **Tuesday 19 July, 12:30-14:30**

**The Poster Exhibition is open from Tuesday 19 - Thursday 21 July from 10:00 to 18:30.**

Posters are displayed for viewing from Tuesday to Thursday. Authors will stand by their posters between 12:30 and 14:30 to answer questions and provide further information on their study results on their presentation day. Late breaker posters are displayed for the duration of the conference in the Poster Exhibition area.

## Track A > Basic and Translational Research

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### **PEA001-A002 Mechanisms of activation / inflammation and impact on pathogenesis**

**TUPEA001 RANTES, CD169/Siglec-1 and CD38-HLADR are independently associated with CXCR4-tropism in treatment naïve HIV-1 subtype C infected individuals**

*B.J. Connell, L. Hermans, P.J. Schipper, P.M. van Ham, D. de Jong, S. Otto, K. Tesselaar, S.R. Morabia, W. de Jager, J. Borghans, M.A. Papathanasopoulos, W.D.F. Venter, H. Tempelman, A.M.J. Wensing, M. Nijhuis  
Netherlands*

**TUPEA002 CD4+ T cell activation: a new link between intimate partner violence and HIV risk?**

*A. Kalokhe, C. Ibegbu, S. Kaur, M. Kelley, C. del Rio, R. Stephenson  
United States*

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### **PEA003-A006 Mechanisms of T cell depletion and reconstitution**

**TUPEA003 The effect of HIV-1 infection on S1P-R1 expression and function in thymocytes and their progenitors during entry into and egress from the human thymus**

*R. Resop, J. Craft, D. Vatakis, B. Blom, C. Uittenbogaart  
United States*

**TUPEA004 Gamma-delta T cells phenotype and activation in HIV-infected treatment-naïve patients: correlation with disease stage and immunological response**

*A. Bandera, F. Gnudi, A. Muscatello, M. Fabbiani, M. Garzano, A. Soria, M. Clerici, D. Trabattoni, A. Gori  
Italy*

**TUPEA005 Immunometabolic analysis identifies key role of hypoxia inducible factor-1 alpha (HIF-1α) in HIV-induced CD4+T cell depletion**

*G.A. Durette, J. Rubione, P. Pereyra Gerber, F. Erre Diaz, A. Varese, E. Dantas, A. Merlotti, C. Palmer, M. Ostrowski  
Argentina*

**TUPEA006 Memory stem T cells and markers of mucosal immunity in the course of cART**

*C. Tincati, M. Basilissi, E. Merlini, S. Cannizzo, G. Ancona, A. Smedile, A. d'Arminio Monforte, G. Marchetti  
Italy*

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### **PEA007 Correlates and biomarkers of clinical progression of HIV infection**

**TUPEA007 Residual inflammation and endothelial activation in HIV-1 vertically infected children with fully suppressed viral replication on antiretroviral therapy**

*M. Hawkes, J. Soo, J. Brophy, F. Kakkar, A. Bitnun, L. Samson, S. Read, H. Soudeyns, EPIC4  
Canada*

<b>PEA008</b>	<b>Viral determinants of pathogenesis</b>
<b>TUPEA008</b>	<b>Identification of functional HIV-1 C envelope variants containing a phenylalanine residue at position 309 of the hypervariable region 3 in matched peripheral blood and cerebrospinal fluid</b>
	<i>K. Sojane, M. Roche, C. Chang, S. Lewin, P. Gorry, T. Ndung'u South Africa</i>

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## **PEA009-A010 Central Nervous System**

<b>TUPEA009</b>	<b>The impact of confounding factors on determination of biomarkers for neurocognitive disorders in HIV-infected subjects</b>
	<i>A.C. Oliveira, A. Penalva, J. Bermudez, M.R. Gascón, J. Smid, G. Olival, J. Casseb, C. Romano Brazil</i>
<b>TUPEA010</b>	<b>Association between dual TIM-3 and PD-1 expressing CD4 T cells and neurocognitive function in chronic stable HIV disease</b>
	<i>B.I. Mitchell, G.M. Chew, M.M. Byron, R.H. Paul, K.J. Kallianpur, B.K. Nakamoto, D.C. Chow, C.M. Shikuma, L.C. Ndhlovu United States</i>

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## **PEA011-A013 HIV-1 controllers (including post-treatment controllers)**

<b>TUPEA011</b>	<b>Post-treatment control or treated controllers? The impact of ART on time to viral rebound in recent seroconverters</b>
	<i>G.E. Martin, M. Gossez, J.P. Williams, W. Stöhr, J. Meyerowitz, E.M. Leitman, G. Ramjee, K. Porter, S. Fidler, J. Frater, SPARTAC Trial Investigators United Kingdom</i>
<b>TUPEA012</b>	<b>Identification of different HIV-controller phenotypes: looking for the right model of functional cure</b>
	<i>B. Dominguez-Molina, L. Tarancon-Diez, S. Hua, C. Abad-Molina, E. Rodriguez, F. Vidal, X.G. Yung, M. Leal, M. Lichtenfeld, E. Ruiz-Mateos Spain</i>
<b>TUPEA013</b>	<b>HIV virological controllers in an African cohort</b>
	<i>Y. Moosa, N. Garrett, C. Gray, V. Naranbhai, C. Williamson, S. Abdool-Karim South Africa</i>

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## **PEA014** Host cellular factors and latency

<b>TUPEA014</b>	<b>Identification of a new host cell HDAC complex that controls HIV latency through direct binding to the core promoter</b>
	<i>E. Wilhelm, M. Bédard, P. Lavigne, C. Hunter, B. Bell Canada</i>

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## **PEA015-A016 Host genetics of HIV susceptibility and disease progression**

<b>TUPEA015</b>	<b>The influence of HLA-types on disease progression among HIV-2 infected patients in Guinea-Bissau</b>
	<i>D. Thomsen, C. Erikstrup, S. Jespersen, C. Medina, D. da Silva Té, F.G. Correira, M. Christiansen, A.L. Laursen, C. Wejse, H. Krarup, B.K. Møller, B.L. Hønge, The Bissau HIV Cohort Study Group Guinea-Bissau</i>

**TUPEA016** **Mannose binding lectin genetic polymorphism: absence of an association with HIV-1 vertical transmission in a PMTCT cross-sectional survey in Zimbabwe**

*R.B.L. Zinyama-Gutsire, M. Christiansen, C. Hagen, S. Rusakaniko, P.L. Hedley, B. Stray-Pedersen, R. Buzdugan, F. Cowan, C. Chasela*  
South Africa

## PEA017-A019 Mucosal transmission

**TUPEA017** **Serum estradiol level and subject age are associated with ex vivo HIV infection in human cervical tissue**

*G. Villegas, G. Calenda, M. Cooney, A. Reis, L. Posner, L. Mamkina, N. Kumar, T. Kalir, R. Sperling, N. Teleshova*  
United States

**TUPEA018** **HIV-1 constructs do not trigger macrophage inflammatory protein - 3 alpha secretion in human genital epithelial cell models**

*S. Sibeko, J. Makinde, S. Rowland-Jones, R. Shattock*  
United Kingdom

**TUPEA019** **Dynamics of HIV and its target cells in the female reproductive track during acute infection and after therapy**

*J.V. Garcia-Martinez, A. Wahl*  
United States

## PEA020 Vertical transmission

**TUPEA020** **Early reverse transcripts, an early indicator of cART efficacy in neonatal HIV**

*D. Vatakis, I.J. Kim, H. Nguyen, D. Anisman-Posner, M.A. Hausner, K. Nielsen-Saines, K. Luzuriaga, D. Persaud, Y. Bryson*  
United States

## PEA021-A023 Acute and early infection

**TUPEA021** **Acute HIV-1 infection in men who have sex with men attending the clinic for voluntary counseling and testing services in Bangkok, Thailand**

*W. Leelawiwat, B. Raengsakulrach, T. Holtz, C. Unsgsedhapand, W. Chonwattana, S. Pattanasin, A. Sriport, P. Wasinrapee, M. Curlin, E. Dunne*  
Thailand

**TUPEA022** **Comparison of HIV epitopes availability between acute and chronic infection**

*G. Damilano, G. Turk, O. Sued, E. Socias, M.J. Ruiz, F. Guzman, H. Salomón, D. Dilernia*  
Argentina

**TUPEA023** **Identification of a cytokine expression pattern specific for the first month of HIV infection**

*L. Pastor, E. Parker, J. Carrillo, V. Urrea, L. De la Fuente, J. Coll, C. Jairoce, L. Luis, I. Mandomando, J. Blanco, D. Naniche*  
Spain

## PEA025 Preclinical prophylactic drug development

**TUPEA025** **HIV pre-exposure prophylaxis for women and infants prevents vaginal and oral HIV transmission in a pre-clinical model of HIV infection**

*M. Kovarova, U. Mugasundaram, J.V. Garcia, A. Wahl*  
United States

## PEA026 Mycobacteria and tuberculosis

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**TUPEA026** **Evaluation of the loop-mediated isothermal amplification (LAMP) assay for the detection of M. tuberculosis (TB) in symptomatic tuberculosis patients attending a primary healthcare clinic (PHC) in Durban**

*S. Reddy*  
South Africa

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**PEA027** **Other pathogens (including HPV, syphilis and Cryptococcus)**

**TUPEA027** **High-risk human papillomavirus types in HIV-infected and uninfected young women in a cross-sectional study in KwaZulu Natal, South Africa: implications for vaccination**

*J.N. Mbatha, M. Taylor, E. Kleppa, K. Lillebø, H. Galapaththi-Arachchige, D. Singh, E. Kjetland, M. Baay, Z. Mkhize-Kwitshana*  
South Africa

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**PEA028-A029** **Animal models of transmission, disease resistance and progression**

**TUPEA028** **Transcriptome analysis of differentially expressed ISG subsets in acute and chronic phase suggests INF $\gamma$  participate in sustaining persistent ISG expression in pathogenic SIV infection in cynomolgus macaques**

*N. Echebli, N. Tchitchev, S. Dupuy, T. Bruel, C. Pereira Bittencourt Passaes, R. Le Grand, B. Vaslin*  
France

**TUPEA029** **PNS inflammation during acute SIV**

*J. Mankowski, L. Mangus*  
United States

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**PEA030** **Novel animal/virus models for vaccine, cure research, and inhibitor development**

**TUPEA030** **Distribution and localization of fluorescently tagged passively transferred antibodies: defining antibody dynamics and localization *in vivo***

*A. Carias, J. Schneider, M. Anderson, G. Cianci, D. Maric, R. Veazey, T. Hope*  
United States

**Track B > Clinical Research**

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**PEB031-B032** **Disease burden: morbidity / mortality / life expectancy**

**TUPEB031** **Getting there? Life expectancy by HIV status and education in Switzerland**

*A. Gueler, M. Zwahlen, A. Calmy, H. Günthard, E. Bernasconi, H. Furrer, C. Fux, M. Battegay, A. Moser, M. Egger, for the Swiss HIV Cohort Study and Swiss National Cohort*  
Switzerland

**TUPEB032** **Mortality prediction in HIV-infected persons with critical illness**

*J. Goldman, K. Crothers, C. Fong, C. Corcoran, E.L. Fuhrman, R. Lin, R. Black, K. Akgün, C. Hough, M. Wurfel, S. Dhanireddy*  
United States

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**PEB033-B039** **Cohort studies**

**TUPEB033 Depressive and anxiety symptoms predict sustained quality of life deficits in HIV-positive Ugandan adults despite antiretroviral therapy: a prospective cohort study**

*A. Ezeamama, M.N. Woolfork, D. Guwatuudde, D. Bagenda, Y. Manabe, W. Fawzi, M. Smith Fawzi  
United States*

**TUPEB034 Combined effect of sex and age in response to antiretroviral therapy in HIV-infected patients**

*J.R. Blanco, I. Jarrin, M.J. Perez-Elias, R. Rubio, M. Montero, M. Riera, M. Rivero, S. Moreno, V. Hernando, CoRIS Spain*

**TUPEB036 Incidence of antiretroviral drug discontinuations due to toxicity in children**

*M. Fortuin-de Smidt, R. de Waal, K. Cohen, K.-G. Technau, K. Stinson, G. Maartens, A. Boulle, E. Igumbor, M.-A. Davies South Africa*

**TUPEB037 Immuno-virological response to cART of HIV-1 group O infected patients: ANRSEP50 ORIVAO Study**

*G. Unal, E. Alessandri-Gradt, M. Leoz, J. Pavie, C. Lefèvre, H. Panjo, C. Charpentier, D. Descamps, F. Barin, F. Simon, L. Meyer, J.-C. Plantier France*

**TUPEB038 Comparative effectiveness of commonly used current antiretroviral regimens**

*L.P. Jacobson, X. Li, T.T. Brown, K. Ho, M. Witt, T. Morton, J. Phair United States*

**TUPEB039 Soweto HIV and ART pregnancy study: the influence of HIV and antiretroviral treatment on perinatal outcomes in Soweto, South Africa (SHAPSSA study)**

*C.O.O. Wedi, S. Norris, S.H. Kennedy, J. Hemelaar United Kingdom*

## PEB040-B045 Linkage to care

**TUPEB040 LINC: a strengths-based case management intervention to link HIV-infected PWID in Russia to HIV care, RCT results**

*J. Samet, E. Blokhina, D. Cheng, A. Walley, D. Lioznov, C. Chaisson, C. Bridden, E. Quinn, N. Gnatiienko, O. Tousova, A. Gifford, E. Krupitsky, A. Raj United States*

**TUPEB041 Effective facilitated linkage to care among HIV+ children identified by a hybrid mobile testing program in rural east Africa**

*A. Owaranaganise, J. Aiyeko, F. Mwangwa, V. Jain, L. Brown, E. Charlebois, T. Clark, D. Black, A. Plenty, M. Petersen, D. Kwarisiima, E. Bukusi, C.R. Cohen, M.R. Kamya, D. Havlir, T. Ruel Uganda*

**TUPEB042 A novel strategy for accelerated linkage to care following community-wide HIV testing**

*J. Aiyeko, A. Van Rie, A. Owaranaganise, F. Mwangwa, D. Kwarisiima, J. Vivek, L. Brown, R. Theodore, T. Clark, D. Black, A. Exarchos, E.A. Bukusi, C.R. Cohen, M. Petersen, E. Gang, M. Kamya, D. Havlir, E. Charlebois Kenya*

**TUPEB043 Pre-ART losses and ART refusal in South Africa: a prospective multi-site study**

*I. Katz, J. Dietrich, L. Bogart, D. Leone, H. Zanoni, I. Courtney, G. Tshabalala, J. Magidson, G. Fitzmaurice, G. Gray, D. Bangsberg, C. Orrell*  
South Africa

**TUPEB044 Achieving 90% linkage to HIV care and treatment: first year outcomes of the combination prevention linkage case management program in Bukoba, Tanzania**

*J. Gikaro, D. MacKellar, O. Ernest, R. Weber, H. Maruyama, S. Porter, J. Byrd, H. Lema, F. Morales, R. Josiah, C. Casalini, J. Justman*  
United States

**TUPEB045 Describing demographic and clinical characteristics of HIV-positive clients who link to care from 5 community-based HIV counselling and testing sites in Cape Town, South Africa**

*V. Nduvana, M. van Niekerk, S.-A. Meehan*  
South Africa

**PEB046-B066 Retention in care**

**TUPEB046 Factors associated with long-term antiretroviral therapy retention among adolescents in TASO Uganda: a retrospective study**

*S. Okoboi, L. Ssali, S. Kalibala, A. Yansaneh, T. Ayabo, F. Onyango*  
Uganda

**TUPEB047 Impact of religiosity on HIV/AIDS patient retention in care and ART adherence in Uganda: a case study of the Infectious Diseases Institute, in Kampala, Uganda**

*A. Twimukye, C.B. Rwabukwali, J.B. Sempa, A. Kiragga, M. Nsumba, J. Orikiiriza, A. Kambugu, M. Lamorde*  
Uganda

**TUPEB048 Risk factors for unstructured treatment interruptions and association with survival in ART programmes in low-middle income countries**

*J.H. McMahon, T. Spelman, N. Ford, J. Greig, A. Mesic, E.C. Casas, C. Ssonko, D. O'Brien*  
Australia

**TUPEB049 High levels of one-year retention in care in a universal test and treat setting**

*L. Brown, E. Charlebois, J. Ayieko, F. Mwangwa, A. Owaranaganise, V. Jain, T. Ruel, T. Clark, D. Black, D. Kwarisiima, E. Bukusi, C. Cohen, M. Kamya, M. Petersen, D. Havlir*  
United States

**TUPEB052 Pilot study to re-engage patients who dropped out of ARV treatment in Yunnan, China**

*Y. Lao, J. Lou, X. Wu, J. An, T. Li, X. Dong, H. Li*  
China

**TUPEB053 Clinic and community based factors influencing patient dis-engagement from HIV care and treatment in Zambia**

*C. Mwamba, S.M. Topp, L.K. Beres, N. Padian, C.B. Holmes, E.H. Geng, I. Sikazwe*  
Zambia

**TUPEB054 HIV treatment protocols and perceptions of the 'ideal' patient: implications for long-term engagement in care**

*S.M. Topp, C. Mwamba, L.K. Beres, N. Padian, I. Sikazwe, C.B. Holmes, E.H. Geng*  
Australia

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TUPEB055	<b>Retention in care among HIV-infected pregnant mothers on lifelong antiretroviral therapy (ART) in Uganda</b> <i>S. Muhumuza, E. Akello, C. Kyomugisha, I. Sebuliba, I. Lutalo, E. Kansiime, R. King, W. Bazeyo, C. Lindan</i> <i>Uganda</i>
TUPEB056	<b>Describing point of entry into care and lost to program in a cohort of HIV-positive pregnant women in a large urban centre in Uganda</b> <i>F. Mubiru, A. Kiragga, S. Nakalema, H. Mackline, I. Kalule, R. Parkes Ratanshi, B. Castelnuovo</i> <i>Uganda</i>
TUPEB057	<b>Investigating associations between use of chemsex drugs and HIV clinic attendance among gay and bisexual men in the UK</b> <i>A. Howarth, F. Burns, C. Sabin, V. Apea</i> <i>United Kingdom</i>
TUPEB058	<b>Risk of clinical progression among patients re-entering in care after being lost</b> <i>C. Mussini, A. Mammone, G. Marchetti, M. Lichtner, A. De Luca, G. Lapadula, S. Lo Caputo, A. Antinori, A. d'Arminio Monforte, E. Girardi, ICONA Foundation Study</i> <i>Italy</i>
TUPEB059	<b>Lottery incentives to improve adherence to antiretroviral (ARV) drugs: evidence from a randomized controlled trial in Uganda</b> <i>S. Linnemann, C. Stecher, B. Mukasa</i> <i>United States</i>
TUPEB060	<b>6-months treatment outcomes of patients initiating ART under the WHO test &amp; treat approach</b> <i>B. Kerschberger, S. Mazibuko, I. Zabsonre, R. Teck, S. Kabore, D. Etoori, M. Ndlangamandla, B. Rusch, I. Ciglenecki</i> <i>Swaziland</i>
TUPEB061	<b>Re-initiation of antiretroviral therapy (ART) following treatment interruption among HIV-positive people who inject drugs (PWID)</b> <i>W.G. Small, R. McNeil, M.J. Milloy, L. Maher, T. Kerr</i> <i>Australia</i>
TUPEB062	<b>Factors associated to attrition at the ART program in Mozambique</b> <i>E. Karajeanes, O. Augusto, M.G. Lain, S. José, J. Pitta, N. Calú, S. Agostinho, V. Chavane, J. Sacarlal, P. Vaz</i> <i>Mozambique</i>
TUPEB063	<b>Psychiatric disorder, substance abuse and distress during the first six months of early antiretroviral treatment</b> <i>J. Joska, C. Mellins, R. Robbins, H. Gouse, C.-S. Leu, M. Henry, L. Myer, D. Stein, R. Remien</i> <i>South Africa</i>
TUPEB064	<b>National laboratory data to assess retention in care after clinic transfer in South Africa</b> <i>I. Bassett, M. Huang, C. Cloete, S. Candy, J. Giddy, S. Frank, K. Freedberg, E. Losina, R. Walensky, R. Parker</i> <i>United States</i>
TUPEB065	<b>Low retention of patients in antiretroviral treatment during recent Ebola outbreak in Conakry</b> <i>J.D.A. Ndawinz, P. Yaradouno, M. Cissé, C.T. Sidibé, E. Guillard, G. Breton, W. Ameyan</i> <i>Sierra Leone</i>

**TUPEB066 Social determinants of health and retention in HIV care in a clinical cohort in Ontario, Canada**

*B. Rachlis, A.N. Burchell, S. Gardner, L. Light, J. Raboud, T. Antoniou, J. Bacon, A. Benoit, C. Cooper, C. Kendall, M. Loutfy, W. Wobeser, F. McGee, A. Rachlis, S.B. Rourke, Ontario HIV Treatment Network Cohort Study Canada*

**PEB067 Indicators of quality of care**

**TUPEB067 Socioeconomic position is unrelated to survival and virologic outcomes in a ten-year follow-up cohort of Ugandan patients receiving antiretroviral therapy**

*A. Flynn, G. Anguzu, F. Mubiru, A. Kiragga, M. Kamyia, J. Wayama, J. Rhein, D. Meya, D. Boulware, A. Kambugu, B. Castelnovo Uganda*

**PEB068-B077 Across the cascade from HIV testing to care and treatment to retention**

**TUPEB068 Attrition across the HIV cascade of care among a diverse cohort of women living with HIV in Canada**

*G. Kerkerian, M. Kestler, A. Carter, L. Wang, P. Sereda, E. Roth, M.-J. Milloy, N. Pick, D. Money, N. Kronfli, A. Lacombe-Duncan, K. Webster, M. Desbiens, D. Dubuc, R.S. Hogg, A. de Pokomandy, M. Loutfy, A. Kaida, on behalf of the CHIWOS Research Team Canada*

**TUPEB069 Investigative study on massive HIV testing and linkage to care at high burden communities in Benue state, Nigeria**

*E. Duile, F. Oluwasina, O. Gbadamosi, A. Towolawi Nigeria*

**TUPEB070 Feasibility and effectiveness of peer navigators to increase uptake of HIV testing, care and treatment among street children and youth in Eldoret, Kenya**

*P. Braitstein, A. Kamanda, L. Embleton, E. Apondi, K. MacDonald, B. Genberg, M. Callaghan, J. Wachira, D. Ayuku Canada*

**TUPEB071 Time since diagnosis to ART initiation in Indonesia: implications for care linkages**

*A. Rahadi, L. Nevendorff, Y. Wirastra, F. Gorilla, A. Wardana Indonesia*

**TUPEB072 Intervention and impacts: trend analysis of retention cascade over 5 years in Rajasthan, India**

*M. Bamrotya, R. Soni, V. Purohit, B.B. Rewari, S. Lamba India*

**TUPEB073 Retention cascade in HIV care settings in India: trends over two years**

*M. Bamrotya, A. Sinha, B.B. Rewari, M. Mhetre, A.S. Rathore, V. Purohit, S. Kumar, R. Rana India*

**TUPEB074 The HIV treatment cascade among men who have sex with men in Côte d'Ivoire: characterizing the absolute and relative unmet treatment needs**

*D. Diouf, R. Ezouatchi, F. Drame, M. Thiam, A. Kouamé, C. Lyons, S. Ketende, B. Liestman, A. Bamba, S. Baral Senegal*

**TUPEB075 Uptake of and early adherence to lifelong ART (Option B+) and associated factors among pregnant women in Uganda**

*A.D. Mukose, F. Makumbi, H. Bastiaens, E. Buregyeya, R. Naigino, J.-P. Van Geertruyden, R. Wanyenze  
Uganda*

**TUPEB076 Innovative models for monitoring linkage and adherence to ART among key populations to achieve the 90-90-90 strategy in MARPI ART clinic**

*G. Katushabe, J.R. Lule, R. Kindomunda, P. Kyambadde, B. Abio, J. Katende  
UNFPA*

**TUPEB077 Leaks in the HIV treatment failure cascade: the reality in rural Lesotho**

*I. Ringera, D. Puga, M. Motlatsi, C. Fritz, B. Cerutti, T.I. Lejone, T. Klimkait, N.D. Labhardt  
Lesotho*

**PEB078-B083 Diagnosis of HIV disease in infants, children, and adolescents**

**TUPEB078 HIV testing for older children: a mixed-methods study examining challenges in decision to test, testing process, and coping post-testing**

*A.D. Wagner, G. O'Malley, O. Firdawsi, C. Mugo, I. Njuguna, E. Maleche-Obimbo, I. Inwani, D. Wamalwa, G. John-Stewart, J. Slyker  
United States*

**TUPEB079 WHO HIV testing algorithm fails to identify substantial proportion of infants with HIV infection**

*A.D. Wagner, I. Njuguna, R. Asiko Andere, L. Cranmer, H. Okinyi, S. Benki-Nugent, E. Maleche-Obimbo, D. Wamalwa, G. John-Stewart  
United States*

**TUPEB080 They are likely to be there: family testing approach to facilitate achievement of 90-90-90 strategy in Kenya**

*N. Okoko, P. Oyaro, E. Akama, M. Mburu, F. Otieno, C. Blat, H. Mutthahi, L. Abuogi, E.A. Bukusi, C.R. Cohen, J.L. Kulzer  
Kenya*

**TUPEB081 Evaluation of HIV testing and antiretroviral therapy initiation at birth: preliminary results from a primary and secondary care setting in Johannesburg, South Africa**

*N. Mvundla, N. Chandiwana, L. Fairlie, N. Dumakude, S. Mdada, E. Mabanga, T. Ncube, N. Madonsela  
South Africa*

**TUPEB082 The value of a positive antibody test at 9, 12, and 15 months in HIV exposed infants enrolled at the Baylor Center of Excellence (COE) in Mwanza, Tanzania**

*J. Gwimile, S. Shea, E. Batungi, B. Mgirwa, P. Mrema, E. Kateng'anyi, M. Chimwanda, M. Minde, L. Mwita  
Tanzania, United Republic of*

**TUPEB083 Where have all the children gone? High HIV prevalence rates in infants attending nutrition and inpatient wards**

*C. Kiyaga, B. Urick, Y. Fong, C. Okiira, I. Ssewanyana, N. Nabukeera-Barungi, D. Nansera, E. Ochola, J. Nteziyaremye, V. Bigira, P. Olupot-Olupot, T. Peter, A. Ghadrshenas, L. Vojnov  
Uganda*

**PEB084-B085 Pharmacokinetics / pharmacodynamics / pharmacogenomics in infants, children, and adolescents**

**TUPEB084 Impact of HIV infection on the pharmacokinetics of four first-line antituberculosis drugs in children with tuberculosis in Ghana**

*A. Kwara, H. Yang, A. Enimil, A. Sarfo, D. Ansong, F. Gillani, A. Dompreh, A. Ortsin, T. Opoku, D. Bosumtwi, L. Wiesner, J. Norman, C. Peloquin, S. Antwi*  
United States

**TUPEB085 Growth response to antiretroviral therapy (ART) Initiation among HIV-infected children in care in western Kenya**

*S. Olwambula Ayaya*  
Kenya

**PEB086-B087 Clinical trials and antiretroviral therapy in infants, children, and adolescents**

**TUPEB086 Structured antiretroviral treatment interruptions in vertically HIV-1 infected children with complete pro-viral DNA PCR reversions in Namibia, following durable viral suppression, led to rapid rebound viremias and significant immunologic destruction**

*T. Mekonen, R. Mulang, H. Nghiimbwasha, S. Mpariwa, J. Kamangu, N. Odon, J. Hango, N. Hamunime*  
Namibia

**TUPEB087 Targeting gut microbiota of vertically HIV-infected children and adolescents: a pilot study**

*T. Sainz, N. Jiménez-Hernández, J. Vazquez-Castellanos, M.J. Mellado, S. Guillén, J.T. Ramos, S. Serrano-Villar, S. Moreno, M.J. Gosálbez, M.L. Navarro, Spanish National Network for HIV-infected Children and Adolescents, CoRISpeS*  
Spain

**PEB088-B096 Adherence in children and adolescents**

**TUPEB088 Successful training of HIV+ youth in a trauma-informed cognitive behavioral intervention for HIV+ adolescents in Rwanda**

*M.R. Fabri, J. Tuyishime, C. Umurungi, M.J. Mailibili, C. Ingabire, O. Uwimana, S. Nsanizimana, G. Donenberg, M. Cohen, Kigali Imbereheza Project - KIP*  
United States

**TUPEB089 "It improves our skills to help our children": involving caregivers in the care of HIV+ youth in Rwanda**

*C. Ingabire, J. Tuyishime, M. Gasana, O. Uwimana, C. Umurungi, G. Donenberg, S. Nsanizimana, M. Cohen, M.R. Fabri*  
United States

**TUPEB090 Factors associated with treatment failure and development of drug resistance among HIV-1 infected children in a slum-based treatment program in Kenya**

*J. Mogire, E. Wairuri, L. Ochieng*  
United Kingdom

**TUPEB091 Beyond clinical trials: associations between antiretroviral therapy (ART) and reporting multiple medication side-effects among adolescents in South Africa**

*H.P. Mbaziira Natukunda, L. Cluver, E. Toska, A. Yakubovich, V. Musiime, The Mzantsi Wakho Adolescent Health Team*  
United Kingdom

**TUPEB092 First-line ART regimen durability among South African HIV-positive pediatric patients**

*R. Bonawitz, A. Brennan, L. Long, I. Sanne, T. Heeren, D. Thea, M. Fox*  
United States

**TUPEB095 Does neurocognitive function and/or anxiety/depression predict adherence to antiviral therapy among perinatally HIV-infected adolescents in England?**

*A. Judd, F. Parrott, D. Melvin, C. Foster, M. Le Prevost, M. Evangelisti, A. Winston, A. Arenas-Pinto, K. Sturgeon, K. Rowson, D. Gibb  
United Kingdom*

**TUPEB096 An adherence intervention and drug resistance among HIV-positive adolescents failing second-line treatment at a public health clinic**

*T.D. Chawana, B. Ngara, K. Nathoo, D. Katzenstein, C. Nhachi, ATF Study  
Zimbabwe*

**PEB098-B101 Complications of HIV and their therapy in children and adolescents**

**TUPEB098 Gyrisification differences in 7 year old HIV-infected children starting ART before or after 12 weeks of age**

*E.C. Nwosu, F.C. Robertson, M.J. Holmes, M.F. Cotton, E. Dobbels, F. Little, B. Laughton, E.M. Meintjes, A. van der Kouwe  
South Africa*

**TUPEB100 Long-term maintenance of undetectable viral is associated with better response to immunization with *Neisseria meningitidis* C conjugated vaccine among HIV vertically-infected children, in Rio de Janeiro, Brazil**

*A.C. Frota, L. Milagres, B. Ferreira, D. Menna-Barreto, G. Pereira, R. de Castro, L. Harrison, L. Evangelista, T. Abreu, R. de Oliveira, C. Barroso Hofer  
Brazil*

**TUPEB101 Change in level of activity and participation in children with HIV encephalopathy and bilateral lower limb spasticity compared to children with cerebral palsy: a one year follow-up study**

*B.E. Veerbeek, T.N. Mann, B. Laughton, K.A. Donald, N.G. Langerak  
South Africa*

**PEB102-B103 Comorbidities in children and adolescents (including non-communicable diseases)**

**TUPEB102 A hospital based cross-sectional observational study of cognitive, adaptive and behaviour profiles of 2-9 year old HIV-infected and HIV-affected children**

*S. Mukherjee, S. Devamare, A. Seth, S. Sapra  
India*

**TUPEB103 Prevalence of HIV and pre-cervical cancer co-morbidity in women under 25 years of age compared to women over 25 years of age: lessons from Zambia**

*Y. Mulenga, C. Makoane, M. Kasonde Kayama, F. Banda, J. Musonda, E. Graeber  
Zambia*

**PEB104-B105 Opportunistic infections in infants, children, and adolescents**

**TUPEB104 Mortality and associated factors in ART-naïve HIV-infected children with a suspicion of tuberculosis**

*O. Marcy, M. Tejiokem, P. Msellati, H.K. Truong, B. Nacro, F. Ateba-Ndongo, V. Ung, B. Dim, L. Borand, C. Delacourt, S. Blanche  
France*

**TUPEB105 A case report: IRIS-like presentation of bacillary angiomatosis in a HIV-infected child in the southern Highlands zone of Tanzania**

*J. Bacha, L. Campbell, N. El-Mallawany, C. Kovarik, G. Shutze, S. Shea  
Tanzania, United Republic of*

**PEB106-B108 HIV-exposed uninfected children (including effects of ART exposure during pregnancy)**

**TUPEB106 Multimodal neuroimaging differences related to HIV/ART exposure in 7-year-old South African children**

*M. Holmes, F. Robertson, M. Jankiewicz, J. Toich, E. Nwosu, F. Little, M. Cotton, E. Dobbels, A. van der Kouwe, S. Gohel, B. Biswal, P. Taylor, B. Laughton, E. Meintjes*  
South Africa

**TUPEB107 Increased risk of morbidity/mortality among formula fed HIV-exposed uninfected infants in socioeconomically challenged households in Botswana: findings from the Mpepu study**

*K. Powis, S. Lockman, G. Ajibola, K. Bennett, M. Hughes, O. Batlang, K. Ramogothobeng, E. van Widenfelt, J. Makhamo, M. Essex, R.L. Shapiro*  
United States

**TUPEB108 Growth patterns of African breastfed children exposed to maternal combination antiretrovirals (cART) pre and postnatally**

*E. Buonomo, S. Moramarco, D. Tembo, I. Zimba, P. Germano, K. Nielsen-Saines, M.C. Marazzi, L. Palombi, P. Scarcella*  
Malawi

**PEB109-B112 ARV management strategies: children and adolescents cohort studies**

**TUPEB109 Trends in global pediatric HIV programmatic capacity among sites of the International Epidemiologic Databases to Evaluate AIDS (IeDEA) consortium**

*R. Vreeman, M.L. Lindgren, C.W. Wester, M. Blevins, A.H. Sohn, M.-A. Davies, A. Edmonds, C. Quinn, S. Nwosu, K. Wools-Kaloustian, V. Leroy, C. McGowan, M.J. Vinikoor, International Epidemiologic Databases to Evaluate AIDS (IeDEA) Consortium*  
United States

**TUPEB110 Poor immune response despite virologically suppressive antiretroviral therapy (ART) in children in the European Pregnancy and Paediatric HIV Cohort Collaboration (EPPICC) in EuroCoord**

*J.J. Collins, E. Chappell, L. Ene, G. Jourdain, A. Riordan, H.J. Scherpbier, J. Warszawski, C. Giaquinto, D.M. Gibb, on behalf of the European Pregnancy and Paediatric HIV Cohort Collaboration (EPPICC) in EuroCoord*  
United Kingdom

**TUPEB111 The treatment cascade of children with unsuppressed viral load: a reality check in rural Lesotho, southern Africa**

*T.I. Lejone, I. Ringera, M.A.T. Klaas, J. Ehmer, K. Pfeiffer, C. Fritz, T. Klimkait, N.D. Labhardt*  
Lesotho

**TUPEB112 Can children with HIV reach the 90-90-90 goals? Viral suppression in a pediatric patient population in western Kenya**

*B. Patterson, J. Kadima, M. Mburu, C. Blat, E. Bukusi, C. Cohen, L. Abuogi*  
Kenya

**PEB113-B115 Behavioural health outcomes in children and adolescents (including sexual risks, substance use)**

**TUPEB113 Tablet-based resources for disclosure counseling for HIV-infected adolescents and their families in Kenya: a pilot study of perspectives from providers**

*M. McHenry, E. Apandi, C. McAteer, W. Nyandiko, L. Fischer, R. Ombitsa, J. Aluoch, M. Scanlon, R. Vreeman*  
United States

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**TUPEB114 Achieving first 90 (90:90:90) goal in adolescent/young adults! Adolescent peer-led community outreach and knowledge dissemination: the way to go**

*M. Akolo, J. Kimani, L. Gelmon  
Kenya*

**TUPEB115 Similar levels of sexual risk behaviour among perinatally HIV-infected and HIV-affected adolescents, and the general population, in England**

*M. Le Prevost, K. Sturgeon, C. Foster, F. Parrott, E. Jungmann, K. Rowson, D. Gibb, A. Judd, Adolescents and Adults Living with Perinatal HIV (AALPHI) Steering Committee  
United Kingdom*

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**PEB116-B122 Mental health and neuro-cognition in children and adolescents**

**TUPEB116 A diffusion tensor imaging and neurocognitive study of ART-naïve and ART-treated children in Cape Town**

*J. Hoare, N. Phillips, J. Fouche, K. Donald, K. Thomas, D. Stein  
South Africa*

**TUPEB117 Neuropsychological performance of HIV-infected and uninfected African children**

*M. Boivin, M. Chernoff, J. Lindsey, B. Zimmer, B. Laughton, C. Joyce, K. McCarthy, E.P. Browers, P. Jean-Philippe, S. Lee, J. Coatzee, L. Barlow-Mosha, A. Violari, P. Palumbo  
United States*

**TUPEB118 Neurocognitive differences by HIV-1 subtype A in pre-school children living with HIV in Tororo, Uganda**

*H. Ruiseñor-Escudero, A. Sikorskii, I. Familiar, C. Ziemniack, D. Persaud, N. Nakasujja, R. Opoka, M. Boivin  
United States*

**TUPEB119 Mental health and viral suppression in a cohort of adolescents living with HIV in Johannesburg, South Africa**

*N. West, S. Schwartz, C. Hanrahan, P. Goliath-Soyizwaphi, J. Nel, H. France, J. Bassett, S. Bernhardt, J. Steingo, L. Mutunga, A. Van Rie  
United States*

**TUPEB120 Cross-cultural assessment of HIV-associated neurocognitive impairment using the Kaufman assessment battery for children: a systematic review**

*K.S. van Wyhe, T. van de Water, M.J. Boivin, M.F. Cotton, K.G.F. Thomas, The Applied Cognitive Science and Experimental Neuropsychology Team (ACSENT); Family Clinical Research Unit (FAM-CRU)  
South Africa*

**TUPEB121 Success rate with MRI neuroimaging research in un-sedated young HIV-infected children using simulation scan preparation**

*T. van de Water, T. Hamana, I. Op't Hof, M.J. Holmes, M. Zunza, M.F. Cotton, A.J.W. van der Kouwe, E.M. Meintjes, B. Laughton  
South Africa*

**TUPEB122 HIV-infected children who initiated ART during infancy (early ART) have improved neurocognitive outcomes compared with late-treated children**

*S. Benki-Nugent, D. Wamalwa, T. Laboso, N. Tamasha, M. Otieno, P. Bangirana, K. Tapia, B. Richardson, E. Obimbo, M.J. Boivin, M. Semrud-Clikeman, G. John-Stewart  
United States*

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**PEB127 Transition into adult care**

**TUPEB127** **Transitioning HIV-infected children into adult care: voices of Jamaican adolescents and their healthcare providers**

*F. De Souza, E. Paintsil, T. Brown, R. Pierre, D. Keene, N. Kim, C. Christie  
United States*

**Track C > Epidemiology and Prevention Research**

## **PEC128-C134 Trends in morbidity and mortality**

**TUPEC128** **Evolution of risk factors for chronic kidney disease in the French ANRS CO3 Aquitaine cohort, 2004-2014**

*F. Bonnet, F. Le Marec, O. Leleux, C. Cazanave, E. Lazaro, P. Duffau, M.-A. Vandenhende, P. Mercie, D. Neau, F. Dabis  
France*

**TUPEC129** **Evolution of comorbidities in HIV patients in Italian ICONA cohort: cross-sectional analysis in 2004 and 2014**

*A. d'Arminio Monforte, F. Aragão, A. De Luca, F. Maggiolo, A. Cingolani, F. Mazzotta, S. Bonora, A. Castagna, E. Girardi, A. Antinori, A. Cozzi-Lepri  
Italy*

**TUPEC130** **Pre-ART mortality for adults HIV patients enrolled into public-driven HIV care program in Mwanza Region Tanzania (2011-2014), a competing risk analysis**

*J. Nondi, J. Todd, J. Renju, G. Somi, D.A. Ramadhani  
Tanzania, United Republic of*

**TUPEC131** **Regional differences in AIDS mortality in Mexico: a challenge to solve**

*E. Bravo-García, C. Magis-Rodríguez, H. Ortiz-Pérez, J.S. Bravo-García  
Mexico*

**TUPEC132** **The rapidly shrinking burden of HIV on adult mortality in KwaZulu-Natal, South Africa**

*G. Reniers, S. Blom, A. Martin-Onraet, K. Herbst, C. Calvert, J.W. Eaton, J. Bor, E. Slaymaker, Z.R. Li, T. Bärnighausen, B. Zaba, V. Hosegood  
United Kingdom*

**TUPEC133** **Antiretroviral therapy (ART) and heavy alcohol use in HIV+ adults in the Miami Adult Studies in HIV (MASH) cohort is associated with oxidative stress and liver damage**

*M. Baum, S. Martinez, T. Stewart, Y. Li, C. Fleetwood, V. Ramamoorthy, A. Campa  
United States*

**TUPEC134** **Trend in HIV/AIDS deaths in South Africa: are we winning the battle against HIV/AIDS?**

*V. Pillay-van Wyk, D. Bradshaw, W. Msemburi, R.E. Dorrington, R. Laubscher, P. Groenewald, Second National Burden of Disease Team  
South Africa*

## **PEC135-C138 Measurement and modelling of the HIV epidemics**

**TUPEC135** **Introducing a four-point continuum for monitoring the effectiveness of the HIV response in Europe and Central Asia**

*B. Rice, R. Drew, K. Attawell, D. Hales, A. Pharris, A. Amato-Gauci, T. Noori  
United Kingdom*

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TUPEC136 **The use of a mathematical model and risk ratio to estimate the impact of HIV/AIDS intervention programs on female sex workers (FSW) and their communities: the Nigerian experience**

*S. Akwafuo, E. Mbanaso, D. Ogbang  
Nigeria*

TUPEC137 **Undiagnosed HIV infection in Germany: who do we need to target?**

*M. an der Heiden, U. Marcus, B. Gunzenheimer-Bartmeyer, V. Bremer  
Germany*

TUPEC138 **Can UNAIDS' spectrum (AIM) model provide reliable local estimates for children affected by HIV in east Zimbabwe?**

*R. Silhol, S. Gregson, C. Nyamukapa, M. Mhangara, J. Dzangare, J. Eaton, K. Case, M. Mahy, P. Ghys, J. Stover, O. Mugurungi  
United Kingdom*

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## PEC139-C144 Risk factors for acquisition of HIV

TUPEC139 **Do adults modify frequency of condom use if they suspect their partner is HIV-positive? Findings from a national household survey in Swaziland**

*M. Simelane, B. Nsibandze, Z. Nxumalo, N. Shongwe, S. Masuku, W.W. Dlamini, B. Dlamini, G. Dube, Y. Wu, S. Sithole, T. Ao, H. Kamiru, P. Dlamini, F. Dlamini, T. Ntshakala, R. Nkambule, R. Sahabo, J. Justman, H. Nuwagaba-Biribonwoha  
United States*

TUPEC140 **Age-mixing patterns and HIV transmission in the Likoma network study**

*R. Beauclair, S. Helleringer, N. Hens, W. Delva  
South Africa*

TUPEC141 **Factors associated with acquisition of HIV during 2005-2014 among men and women in 7 cohorts that participate in the network for Analysing Longitudinal Population-Based HIV/AIDS data on Africa (ALPHA)**

*E. Slaymaker, C. Calvert, E. McLean, D. Gareta, C. Kanjala, I. Kasamba, D. Nabukalu, M. Sewe, A. Takarua, B. Zaba, M. Marston, A.L.N. Dube, S. Gregson  
United Kingdom*

TUPEC142 **Executive functioning associated with HIV risk behaviors in young South African women**

*M. Rosenberg, A. Pettifor, M. Duta, R. Wagner, A. Selin, C. MacPhail, O. Laeyendecker, J. Hughes, S. Tollman, K. Kahn  
United States*

TUPEC143 **Time-varying behavioral risk factors associated with HIV acquisition in men who have sex with men (MSM) and transgender women (TGW) in Lima, Peru. Data from the LSABES? cohort study**

*A. Ulrich, J. Lama, H. Sanchez, R. Cabello, A. Duerr  
United States*

TUPEC144 **Genital HSV-2 shedding in pregnancy and post-delivery: implications for HIV acquisition in women and mother to child transmission of HIV**

*D. Moodley, S. Maman, L. Madurai, P. Moodley, B. Sartorius  
South Africa*

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## PEC145-C146 Risk factors for infectivity, progression and transmission of HIV



TUPEC145	<b>Predictors of progression from HIV-infection to AIDS and AIDS-related mortality: a 11-year prospective cohort study in Tianjin, China</b> <i>M. Yu, N. Zhou, Y. Guo, Z. Liu, X. Dong, S. Cheng, T. Ning, M. Zheng, J. Xu, G. Jiang China</i>
TUPEC146	<b>Geographic HIV epidemic mapping: a strategy for identifying populations at high-risk of HIV infection in Zimbabwe</b> <i>O. Tapera, M. Munjoma, M. Mapingure, B. Mutedzi, V. Mutoma, V. Zambuko, S. Gudukeya, K. Hatzold Zimbabwe</i>
<b>PEC147-C152</b>	<b>Epidemiology of HIV in the general population</b>
TUPEC147	<b>Association of HIV and opportunistic infections with incident stroke: a nationwide population-based cohort study</b> <i>Y. Yen, I. Jen, Y.-M.A. Chen Taiwan, China</i>
TUPEC149	<b>Combined antiretroviral therapy and arterial stiffness in HIV-infected patients from a Brazilian cohort</b> <i>R.C. Moreira, A.G. Pacheco, B. Grinsztejn, M.D.J. Fonseca, R.I. Moreira, V.G. Veloso, M. Santini Oliveira, S.W. Cardoso, J.G. Mill, I. Bensenor, R.H. Griep, P. Lotufo, D. Chor Brazil</i>
TUPEC150	<b>Marriage offers greater protection from HIV for men than it does for women in rural KwaZulu-Natal</b> <i>A. Radunsky, J. Bor, F. Tanser, T. Bañez, F. Nighausen United States</i>
TUPEC151	<b>Need for adequate investment and redesigning of strategies for effective prevention, treatment, care and support services for HIV and AIDS interventions in a "Mixed" HIV epidemic nation</b> <i>E. Abatta, E. Ngige, C. Anyaike, S. Aboje, S. Araoye, A. Fagbamigbe, M. Mahy, M. Kugonza Nigeria</i>
TUPEC152	<b>Targeted and evidence-based prioritization is needed for continued HIV efforts in India: HIV sentinel surveillance (HSS) among antenatal clinic (ANC) attendees</b> <i>N. Dhingra, P. Kumar, B. Sangal, Y. Raj, A.K. Singh, R. Sharma, D.S. Hausner India</i>
<b>PEC153-C157</b>	<b>Epidemiology of HIV in children</b>
TUPEC153	<b>Mortality in HIV-exposed uninfected and unexposed uninfected infants: a meta-analysis</b> <i>A. Brennan, R. Bonawitz, M. Buckley, C. Gill, D.M. Thea, H. Useem, L. Garrison, R. Ceccarelli, U. Chinenye, L. Long, M.P. Fox United States</i>
TUPEC154	<b>The impact of HIV/AIDS on the children's right to education in Myanmar</b> <i>M.-M. Mon, L.-L. Win, Y.-T. Nu-Oo, S. Saw, H.-N. Oo, P.-P. Win-Htin, K.-K. Zaw, S.-L. Tun-Myint Myanmar</i>

**TUPEC155** **Impact of HIV infection and antiretroviral therapy (ART) duration on neurodevelopment outcomes among children aged 7 to 14 years, in Rakai, Uganda**

*H. Brahmbhatt, M. Boivin, V. Ssempijja, G. Kigozi, J. Kagaayi, D. Serwadda, A. Violari, R. Gray*  
United States

**TUPEC156** **Virological response to first-line ART in children in the European Pregnancy and Paediatric HIV Cohort Collaboration (EPPICC)**

*R.L. Goodall, E. Chiappini, D.M. Gibb, T. Klimkait, N. Ngo-Giang-Huong, C. Thorne, A. Turkova, A. Judd, European Pregnancy and Paediatric HIV Cohort Collaboration (EPPICC)*  
United Kingdom

**TUPEC157** **Spatial confounding adjustment of childhood malnutrition in rural north-east South African households: a Bayesian multivariate and structural equation modelling approach**

*E. Musenge*  
South Africa

**PEC158-C168** **Epidemiology of HIV in youth and adolescents**

**TUPEC158** **A cross-sectional study of HIV-related knowledge and attitudes among medical and paramedical students in a university, New Delhi, India**

*F. Islam, S. Roy, R. Pathak, M. Parashar, R. Agarwala, M.C. Kapilashrami, A. Debroy*  
India

**TUPEC159** **Community-based adolescent and youth HIV testing and enrollment in HIV care in Haiti**

*L. Reif, V. Rivera, B. Louis, R. Bertrand, M. Peck, B. Anglade, E. Abrams, J.W. Pape, D. Fitzgerald, M. McNairy*  
Haiti

**TUPEC160** **Changing social networks and increased HIV prevalence in Kenyan adolescent women**

*L. Balzer, W. Zheng, T. Ruel, E.D. Charlebois, T.D. Clark, E.A. Bukusi, C.R. Cohen, M.R. Kamya, D.V. Havlir, M.L. Petersen, G. Chamie, the SEARCH Collaboration*  
United States

**TUPEC161** **HIV trends among adolescents and young adults, ages 15-24, in 23 high-burden countries**

*C. Barker, S. Bowsky, A. Dutta*  
United States

**TUPEC162** **Prevalence and predictors of physical intimate partner violence among adolescent women in rural South Africa**

*S.M. DeLong, A. Selin, J. Wang, A. Julien, F.X. Gómez-Olivé, R.G. Wagner, C. MacPhail, J.P. Hughes, K. Kahn, A.E. Pettifor*  
United States

**TUPEC163** **Putting adolescents in the spotlight: bridging data gaps to strengthen HIV prevention, treatment and care among adolescents in Jamaica**

*M. Scott, N. Condel Gibson, D. Edmondson, S. Jarrett, N. Skyers*  
Jamaica

**TUPEC164** **Clinical characteristics and predictors of therapeutic attainments in HIV-infected adolescents in the transition period from pediatric to adult care**

*A. Carvalho Freitas, V.H. Avelino-Silva, E. Battaggia Gutierrez, A.A. Cotrim Segurado*  
Brazil

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TUPEC165	<b>Baseline for a DREAM: recent trends in sexual behaviour and HIV knowledge among adolescents and young adults in rural KwaZulu-Natal, South Africa</b> <i>N. McGrath, J.W. Eaton, V. Hosegood, I. Birdthistle, A. Doyle, J. Ferguson</i> United Kingdom
TUPEC166	<b>Insights into adherence to care among a cohort of adolescents aged 12-20 years in South Africa: reported barriers to care</b> <i>M. Maskew, L. Jamieson, M.P. Fox, D. Evans, D. Govindasamy, K. Technau</i> South Africa
TUPEC167	<b>Forecasting future burden and need for transitional services for young people with perinatally-acquired HIV in Ukraine</b> <i>H. Bailey, G. Kiseleva, R. Malyuta, A. Volokha, C. Thorne, Ukraine Paediatric HIV Cohort Study Group</i> United Kingdom
TUPEC168	<b>Predictors of HIV infection among female out-of-school youth (FOSY) in Nigeria</b> <i>A. Oginini, S. Adebajo, D. Iriaye, O. Obianwu, S. Sangowawa</i> Nigeria

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## PEC169-C170 Epidemiology of HIV in the elderly

TUPEC169	<b>Double jeopardy for older adults: communicable and non-communicable diseases contributing severely to cause of death in a cohort of HIV-infected and uninfected older adults in rural South Africa</b> <i>M. Nyirenda, C. D'Este, B. Houle, P. Kowal</i> South Africa
TUPEC170	<b>Trend for increasing numbers of elderly people presenting with a late HIV infection in Suriname</b> <i>M.-S. Mac Donald - Ottewanger, F.T. Mawie, K. Brinkman, J. Roosblad, J. Codrington, S.G.S. Vreden</i> Suriname

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## PEC171-C173 Epidemiology of HIV in people who use drugs

TUPEC171	<b>Pregnancy incidence and contraceptive use among HIV and HCV negative young women who inject drugs</b> <i>B. White, C. Day, K. Black, L. Maher</i> Australia
TUPEC172	<b>Cocaine use increases biomarkers of liver disease in the Miami Adult Studies of HIV (MASH) cohort</b> <i>M. Baum, K. Sherman, S. Martinez, Y. Li, T. Stewart, C. Fleetwood, V. Ramamoorthy, I. Hatsu, O.D. Williams, J. Murillo, S. Lai, A. Campa</i> United States
TUPEC173	<b>HIV risk behaviours among female injecting drug users in Indonesia</b> <i>C. Stoicescu, L. Cluver</i> United Kingdom

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## PEC174-C176 Epidemiology of HIV in male, female and transgender sex workers

TUPEC174	<b>Prevalence of HIV and associated risks of commercial sex work among youth in the slums of Kampala</b> <i>M. Swahn, R. Culbreth, L. Salazar, R. Kasirye, J. Seeley, J. Palmier</i> United States
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**TUPEC175 HIV and sexually transmitted infections among female sex workers in Iran: findings from the 2010 and 2015 national surveillance surveys**

*A. Mirzazadeh, M. Shokoohi, R. Khajehkazemi, S. Hosseini Hooshyar, M. Karamouzian, S.A. Nadjfi, A. Shahesmaeli, H. Sharifi, A.A. Haghdoost*  
United States

**TUPEC176 Incidence and time-varying predictors of HIV and sexually transmitted infections (STIs) among male sex workers in Mexico City**

*K.Y. Ganley, A.R. Zullo, S.G. Sosa-Rubi, C.J. Conde-Glez, M.N. Lurie, B.D.L. Marshall, D. Operario, K.H. Mayer, O. Galarraga*  
United States

## PEC178-C190 Epidemiology of HIV in MSM

**TUPEC178 HIV prevalence and unprotected anal intercourse among MSM in Japan: a systematic review**

*M. Omoto, L.-V. Le, M. Ohisa, T. Akita, B.A. Muzembo, J. Tanaka*  
Japan

**TUPEC179 Epidemiological synergy: the role of heterosexual HIV transmission in the spread of HIV among men who have sex with men in South Africa**

*P. Mulongeni, L. Johnson*  
South Africa

**TUPEC180 Social network characteristics and HIV infection among older black South African MSM**

*J. Knox, T. Sandfort, T. Lane, V. Reddy*  
United States

**TUPEC181 Panel conditioning as a threat to validity in sexual behavioral trials of gay, bisexual and other men who have sex with men: results of the Men's INTernet III (MINTS-III) trial**

*B.R.S. Rosser*  
United States

**TUPEC182 Laboratory-confirmed diagnoses of and self-reported testing behaviors for HIV and STIs among MSM in Tajikistan**

*K. Gulov, R.W.S. Coulter, D.D. Matthews, R. Stall, M. Uzzi, TR\_Team*  
Tajikistan

**TUPEC183 Risk factors for acute HIV infection among Thai young men who have sex with men**

*W. Thienkrua, W. Leelawiwat, P.A. Mock, W. Sukwicha, E.F. Dunne, B. Raengsakulrach, P. Wasinrapee, A. Chitwarakorn, P. Sirivongrangson, T.H. Holtz*  
Thailand

**TUPEC184 Intimate partner violence and HIV infection among men who have sex with men in Shanghai, China**

*Y. Liu, C.X. Liu, Z. Ning, H. Zheng, Y.Y. Zhang, M.Y. Gao, Y.Y. Ding, N. He*  
China

**TUPEC185 Cohort of homosexual and bisexual male HIV negative: Project Horizonte, 21 years of follow-up (Brazil)**

*M. Carneiro, A.P. Silva, C. Oiko, M. Greco*  
Brazil

**TUPEC186 Treatment as prevention (TasP) in MSM in the UK: evidence from positive voices a probability survey of MSM engaged in care**

*C. Ward, M. Kall, M. Shahmanesh, A. Nardone, R. Gilson, H. Ward, A. Aghaizu, A. Wringe, E. Pufall, V. Delpech, The Positive Voices Study Group  
United Kingdom*

**TUPEC187 Emerging HIV epidemic among MSM in Georgia: comparison with European landscape**

*N. Tsereteli, I. Chikovani, L. Sulaberidze, N. Shengelia  
Georgia*

**TUPEC188 Measuring behavioral risk for HIV infection among MSM, with implications for prevention**

*W.D. Johnson, A. O'Leary, S.A. Flores  
United States*

**TUPEC189 Predictors of HIV infection among men who have sex with men in Port Harcourt, Nigeria**

*A. Isodje, C. Tobin-West, O. Maduka, S. Nwajagu, I. Tamuno  
Nigeria*

**TUPEC190 Fluctuations in depression and high-risk sexual behavior among young Black gay and bisexual men in New York City**

*P. Wilson, G. Stadler  
United States*

**PEC191-C193 Epidemiology of HIV in serodiscordant couples**

**TUPEC191 Factors associated with fertility desires and pregnancy incidence among HIV-positive concordant and serodiscordant couples in Rakai, Uganda**

*H. Brahmabhatt, F. Makumbi, T. Lutalo, J. Santelli, D. Serwadda, R. Gray, Rakai Health Science Project  
United States*

**TUPEC192 Risky sex and HIV acquisition among HIV serodiscordant couples in Zambia: what does alcohol have to do with it?**

*D. Joseph Davey, K. Wall, M. Inambao, W. Kilembe, N. Htee Khu, I. Brill, B. Vwalika, E. Chomba, J. Mulenga, A. Tichacek, S. Allen, Rwanda-Zambia HIV Research Group  
United States*

**TUPEC193 HIV incidence and predictors of HIV acquisition from an outside partner in serodiscordant couples in Lusaka, Zambia, 1995-2012**

*D. Joseph Davey, K. Wall, M. Inambao, W. Kilembe, I. Brill, E. Chomba, N. Htee Khu, J. Mulenga, B. Vwalika, A. Tichacek, S. Allen, L. Haddad  
United States*

**PEC194-C197 Epidemiology of HIV in migrants**

**TUPEC194 HIV transmission among foreign-born people in the United States**

*E. Valverde, A. Oster, S. Xu, J. Wertheim, A. Hernandez  
United States*

**TUPEC195 Defining migrants at risk of HIV in Europe**

*B. Rice, V. Delpech, J. Hargreaves, J. Elford  
United Kingdom*

**TUPEC196 Labor exploitation and HIV/STI risk and infection among Central American female migrants at the Mexico-Guatemala border**

*A. Servin, J. Silverman, S. Morales-Miranda, F. Chong Villareal, K. Brouwer  
Mexico*

**TUPEC197 HIV acquisition post-migration: evidence from four European countries**

*Z. Yin, B. Rice, G. Marrone, A. Sönnnerborg, B. Suligoi, L. Camoni, A. Sasse, D. Van Beckhoven, A. Skingsley, T. Noori, V. Delpech  
United Kingdom*

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**PEC198 Epidemiology of HIV in transgender persons**

**TUPEC198 Global HIV epidemiology among trans populations: new data, unique vulnerabilities**

*T. Poteat, A. Scheim, S. Reisner, J. Xavier, S. Baral  
United States*

## **PEC200-C201 Epidemiology of HIV in other populations**

**TUPEC200 People with disabilities are at increased risk of HIV infection and adverse sexual health outcomes: results from the HandiVIH study (ANRS 12302)**

*P. De Beaudrap, E. Pasquier, F. Essomba, A. Touko, A. Tchoumkeu, A. Brus, M. Mac-Seing, G. Beninguisse  
France*

**TUPEC201 Adherence and viral failure in asymptomatic patients starting ART: the Swiss HIV Cohort Study**

*T. Glass, M. Battegay, M. Cavassini, A. Calmy, E. Bernasconi, H. Günthard, P. Schmid, H. Furrer, Swiss HIV Cohort Study  
Switzerland*

## **PEC202-C203 Epidemiology of TB and HIV co-infection**

**TUPEC202 HIV in acute care: a review of the burden of HIV- associated presentations to an emergency department**

*B. Naicker, R. Maharaj  
South Africa*

**TUPEC203 The differential impact of HIV and ART on gender- and age-specific tuberculosis rates**

*S.M. Hermans, K. Middelkoop, M. Cornell, R. Wood  
South Africa*

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## **PEC204-C211 Epidemiology of sexually transmitted infections (STI) and HIV co-infection**

**TUPEC204 Sexually transmitted infections (STI) and HIV co-infection among youth living in the slums of Kampala, Uganda**

*R. Culbreth, M. Swahn, L. Salazar, R. Kasirye  
United States*

**TUPEC205 HSV-1 and HSV-2 are associated with HIV seropositive status among young gay, bisexual, and other men who have sex with men: preliminary findings from the P18 cohort**

*D. Ompad, F. Kapadia, R. Greene, P. Halkitis  
United States*

**TUPEC206 Explaining the heterogeneity in the prevalence of gonorrhea across the Middle East and North Africa: meta-regression analyses**

*A. Smolak, L.J. Abu-Raddad  
Qatar*

**TUPEC207** **The spectrum model estimating national syphilis and gonorrhea prevalence & trends: results for 10 low- and middle-income countries, and implications for strengthening STI surveillance**

*E. Korenromp, G. Mahiané, N. Nagelkerke, J. Rowley, L. Abu-Raddad, F. Ndowa, P. Mayaud, R.M. Chico, R. Steen, C. Pretorius, J. Stover, T. Wi*

*United States*

**TUPEC208** **High prevalence of sexually transmitted infections in a cohort of South African men who have sex with men and transgender women from Port Elizabeth and Cape Town, South Africa**

*R. Zahn, K. Dominguez, T. Sanchez, N. Phaswana-Mafuya, L.-G. Bekker, S. Baral, R. Kearns, C. Yah, P. Sullivan*

*United States*

**TUPEC209** **High rates of sexually transmitted infections: results from the population-based household survey in KwaZulu-Natal, South Africa**

*L. McKinnon, A.B.M. Kharsany, C. Cawood, D. Khanyile, A. Grobler, T. Goodman, L. Madurai, V. Maseko*

*South Africa*

**TUPEC210** **Anogenital HPV infection and associated disease in HIV-positive men in Johannesburg, South Africa**

*A. Chikandiwa, L. Chimoyi, P.T. Pisa, P. Michelow, P. Mayaud, S. Delany-Morethwe*

*South Africa*

**TUPEC211** **Associations between HPV and HIV among young, gay, bisexual and other men who have sex with men: preliminary findings from the P18 cohort study**

*F. Kapadia, D.C. Ompad, R.E. Greene, P.N. Halkitis*

*United States*

**PEC212** **Epidemiology of viral hepatitis and HIV co-infection**

**TUPEC212** **Development and validation of a risk score to assist testing for acute HCV infection in HIV-infected MSM**

*A.M. Newsum, I.G. Stolte, J.T.M. van der Meer, J. Schinkel, M. van der Valk, J.W. Vanhommerig, A. Buvé, M. Danta, A. Hogewoning, M. Prins, on behalf of the MOSAIC Study Group*

*Netherlands*

**PEC213-C215** **Epidemiology of other diseases and HIV co-infection**

**TUPEC213** **Anxiety and mood disorders and hospitalisation in HIV-infected and -uninfected gay and bisexual men**

*C.L. Moore, A.E. Grulich, G. Prestage, H.F. Gidding, F. Jin, K. Petoumenos, I.B. Zablotska, I.M. Poynten, L. Mao, M.G. Law, J. Amin*

*Australia*

**TUPEC214** **Mortality risk of non-AIDS non-Hodgkin's lymphoma among HIV-infected Hispanics adults in the combination antiretroviral therapy era**

*A. Mayor, E. Santiago, E. Rios-Olivares, G. Tortolero, R.F. Hunter-Mellado, D. Fernandez*

*Puerto Rico*

**TUPEC215** **Non-communicable chronic diseases in HIV-infected patients in Malawi and the impact of antiretroviral therapy**

*S. Mancinelli, V. Tamba Tolno, M. Giuliano, G. Liotta, M. Andreotti, M. Floridia, L. Palombi, H. Sangare, M.C. Marazzi*

*Malawi*

## PEC216-C219 Molecular epidemiology

TUPEC216	<b>Clinical characteristics, transmitted drug resistance mutations (TDRM), subtypes and treatment initiation among newly identified infections in São Paulo Reference Center, Brazil</b>  <i>L.P.O. Coelho, L.F. Jamal, M.V. Tancredi, R.S. Nogueira, J.V. Madruga, J.O. Gomes, L.F.M. Brígido</i> <i>Brazil</i>
TUPEC217	<b>Analysis of massively parallel sequencing of HIV-1 proviral genomes reveals high genetic diversity among Brazilian blood donors with long-standing infection</b>  <i>R. Pessôa, S.S. Sanabani</i> <i>Brazil</i>
TUPEC218	<b>Diverse HIV-1 non-subtype B clusters are spreading among men who have sex with men in Spain</b>  <i>E. Delgado, H. Gil, M.T. Cuevas, A. Fernández-García, J. Martínez-López, M. Sintes, V. Montero, M. Sánchez, C. Carrera, E. García-Bodas, S. Benito, L. Pérez-Alvarez, M.M. Thomson, Spanish Group for the Study of new HIV Diagnoses</i> <i>Spain</i>
TUPEC219	<b>Analysis of HIV-1 subtype C envelope sequence diversity in the female genital tract from early infection reveals no evidence for compartmentalization</b>  <i>B. Mabvakure, B. Lambson, K. Ramdayal, L. Masson, P. Moore, S.A. Karim, C. Scheepers, C. Williamson, D. Martin, J.-A. Passmore, G. Harkins, L. Morris</i> <i>South Africa</i>

## PEC220-C223 Geographical information systems and HIV

TUPEC220	<b>Mapping of Pap smear quality and results using routinely collected South African health facility data</b>  <i>C. Makura, K. Schnippel, C. Firnhaber, P. Michelow, C.J. Chibwesha, B. Goeieman, S. Jordaan</i> <i>South Africa</i>
TUPEC221	<b>Spatial distribution of HIV prevalence and HIV care cascade engagement in an urban informal settlement in South Africa</b>  <i>A.N. Huber, A.E. Aiello, S.R. Schwartz, C. Hanrahan, J.R. Ncayiyana, N. West, W.C. Miller, M.E. Emch, A. Pettifor, J. Bassett, A. Van Rie</i> <i>United States</i>
TUPEC222	<b>HIV/AIDS clinical trial activity on the African continent: an analysis of HIV/AIDS trials registered on the Pan African Clinical Trials Registry (PACTR)</b>  <i>E. Pienaar, T. Kredo</i> <i>South Africa</i>
TUPEC223	<b>Spatial analysis of HIV infections in high burden sub-districts in KwaZulu-Natal, South Africa</b>  <i>U.E. Buthelezi, A. Kharsany, C. Cawood, D. Khanyile, A. Grobler, L. Madurai, T. de Oliveira, S. Ntuli, F. Tanser</i> <i>South Africa</i>

## PEC224-C234 Studies of risk behaviours and their implications for prevention

TUPEC224	<b>Transactional sex, housing instability, and safer sex motivation determine sexual risk among recent African gay and bisexual immigrants to New York City</b>  <i>T. Sandfort, C. Anyamele, C. Dolezal</i> <i>United States</i>
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TUPEC225	<b>Transactional sex and its associated factors among women attending antiretroviral clinics in Ogun State, Nigeria</b> <i>V.J. Animasahun, O.O. Sholeye, B.K. Oyewole Nigeria</i>
TUPEC227	<b>Factors associated with unprotected anal intercourse in men who have sex with men (MSM): findings from the first bio-behavioral survey using respondent-driven sampling among MSM in Bamako, Mali</b> <i>P. Patnaik, A. Hakim, A. N'Dir, N. Telly, J. Knox, T. Ballo, B. Traore, S. Doumbia, M. Lahuerta United States</i>
TUPEC228	<b>Sex tourism among Chinese men who have sex with men: implications for HIV prevention</b> <i>J. Mao, W. Tang, C. Liu, N.S. Wong, S. Tang, Y. Qin, C. Wei, J.D. Tucker China</i>
TUPEC229	<b>Characteristics of HIV risks among Thai young men who have sex with men and transgender youth using an eCounseling platform</b> <i>I. Anand, C. Nitpolprasert, J. Ananworanich, J. Jantarapakde, S.J. Kerr, A.H. Sohn, K.E. Muessig, L.B. Hightow-Weidman, P. Phanuphak, N. Phanuphak Thailand</i>
TUPEC230	<b>Networks of recently-infected people who inject drugs (PWID) in Athens, Greece, June 2013 - July 2015: epidemiological insight from a project to reduce HIV transmission</b> <i>S.R. Friedman, L.D. Williams, E. Pavlatina, D. Paraskevis, J. Schneider, B. Skaathun, E. Morgan, A. Hatzakis, M. Psichogiyou, E.-G. Kostaki, G. Nikolopoulos, Transmission Reduction Intervention Project Collaboration Group United States</i>
TUPEC231	<b>The unreachd population in HIV prevention: female sex partners of currently married men having sex with men in Thane, Maharashtra, India</b> <i>S.P. Sakthivel, A. Yadav, T. Shaik, R. Khambampati, A. Agarwal, S. Kaul India</i>
TUPEC232	<b>Community membership, financial security, social protection and HIV risk behaviors among MSM in India: findings from Avahan-III evaluation study</b> <i>R. Adhikary, S.K. Patel, M. Battala India</i>
TUPEC233	<b>Assessing sexual risk behavior in the younger and older male drivers in Ibadan, Nigeria</b> <i>T. Lawoyin, O. Lawoyin United States</i>
TUPEC234	<b>Factors associated with inconsistent condom use by female sex workers with their non-paying partners in Johannesburg, Cape Town and Durban</b> <i>M. Sibanyoni, N. Mutanha, T. Osmand, A. Marr, F. Venter, H. Rees, T. Lane South Africa</i>

PEC235	<b>Research designs in epidemiology</b>
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**TUPEC235 Comparison of 48- and 96-week outcomes in adults initiating TDF+XTC+EFZ and those initiating two other NRTIs+EFZ using propensity-score matched observational cohort data and data from randomised controlled trials**

*G. Rutherford, A. Kipp, M.L. Lindegren, W. Webster*  
United States

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**PEC236 Ethical and human rights issues in prevention research**

**TUPEC236 Participants' beliefs about preventive efficacy in the HPTN 069/ACTG 5305 HIV trial: preliminary data using the PREMIS measure**

*J. Sugarman, D. Seils, L. Lin, K. Weinfurt*  
United States

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**PEC237-C238 Estimation of the size of HIV-infected and key populations**

**TUPEC237 Using IBBS data and consensus population size estimates of female sex workers in three South African cities to estimate treatment and biomedical prevention needs**

*M. Grasso, M. Sibanyoni, A. Manyuchi, A. Marr, T. Osmand, Z. Isdahl, H. Struthers, F. Venter, H. Rees, T. Lane*  
United States

**TUPEC238 Methodological challenges in estimating the size of key populations using innovative method: network-based capture-recapture**

*L. Sulaberidze, I. Chikovani, N. Shengelia, N. Tsereteli, T. Sirbiladze, L. Tavzashvili*  
Georgia

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**PEC239-C240 Surveillance of hepatitis C (HCV) and HIV co-infection**

**TUPEC239 Characteristics associated with HCV monitoring among HIV/HCV co-infected active injection drug users**

*L. Cloutier-Gill, E. Wood, T. Kerr, J. Montaner, M.-J. Milloy*  
Canada

**TUPEC240 Prevalence of sexually transmitted infections (HIV, HSV-2, Syphilis and HBV) in pregnant women in Ethiopia: trends over the past 10 years (2005-2014)**

*D. Kassa, T. Tilahun, A. Ayalkebet, Y. Abreha, G. Mesfin, Y. Belay, M. Demissie, G. Gebremichael, A. Gebrexabher, Y. Assefa*  
Ethiopia

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**PEC241 Surveillance of TB and HIV co-infection**

**TUPEC241 Linkage to HIV care and ART initiation among individuals diagnosed simultaneously with TB and HIV in the UK, 2010-2014**

*P. Kirwan, Z. Yin, A. Skingsley, S. Croxford, J. Winter, S. Venugopalan, M. Lalor, L. Thomas, V. Delpach*  
United Kingdom

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**PEC242 Assessment of population viral load in epidemiology studies**

**TUPEC242 Viral load metrics: an additional benefit for HIV surveillance?**

*R. Bolijn, E. Op de Coul, A. Van Sighem, M. Kretzschmar, J. Heijne*  
Netherlands

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**PEC243-C244 Assessing impact/cost-effectiveness of structural interventions**

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TUPEC243	<b>Can sustainable development goal 1.3 mitigate adolescent HIV risks?</b> <i>L. Cluver, M. Orkin, M. Boyes, A. Yakubovich, L. Sherr</i> South Africa
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TUPEC244	<b>Impact of community-led structural interventions for vulnerability reduction leading to primary risk reduction of HIV in 5 states of India</b> <i>R. Deshpande, E. Daniel, P. Patel, R. Narayanan, S. Karkal</i> India
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<b>PEC245-C248</b>	<b>Gender sensitization, empowerment and violence reduction</b>
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TUPEC245	<b>Developing and integrating gender-based violence screening program within community organizations</b> <i>N. Persaud, F. Harris, A. Dobkowski</i> Guyana
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TUPEC246	<b>Creating enabling environment to reduce vulnerabilities of MSM towards HIV/AIDS through key stakeholder's sensitization</b> <i>T. Chopade, H. Mhaprolkar, V. Anand</i> India
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TUPEC247	<b>Role of building capacities for sexual consent in reducing HIV vulnerability among MSM and transgender women in South Asia</b> <i>P. Dhall, P. Prabhughate, J. Varghese</i> India
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TUPEC248	<b>Enhancing structural interventions through boyfriend's forum for mitigating gender-based violence among female sex workers in HIV interventions</b> <i>T. Shittu, O. Oderinde, A. Ojoye, J. Ibitoye, S. Ikani</i> Nigeria
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<b>PEC249</b>	<b>Collectivization, mobilization, stigma reduction programmes</b>
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TUPEC249	<b>African American HIV University, Science and Treatment College: a model to address HIV-related stigma and low health literacy in Black communities</b> <i>R. Israel</i> United States
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<b>PEC637</b>	<b>Capacity building for epidemiological research</b>
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TUPEC637	<b>Early diagnosis and reduction of loss to follow up in HIV exposed children in Manica and Sofala province, central Mozambique, quantitative results</b> <i>L.D.C. Vieira, Manuel NAPUA, João MANUEL, Georgina CASTRO, Sara BESTE, Jéssica COWAN, Rachel CHAPMAN, James PFEIFFER</i> UNAIDS
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<b>Track D &gt;</b>	<b>Social and Political Research, Law, Policy and Human Rights</b>
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<b>PED250-D260</b>	<b>Positive health, dignity, psychological well-being and mental health</b>
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TUPED250	<b>Enhancing positive outcomes for positive people: how do we promote life satisfaction among HIV+ low income men who have sex with men and people who use injection drugs in Taiwan?</b> <i>A. Lacombe-Duncan, D.-M. Chuang</i> Canada
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**TUPED251 Living with HIV in Sweden: a survey study on living situation and quality of life**

*A. Ekström, C. Deegan, L. Lindberg, M. Wallin, G. Hök, L. Mannheimer  
Sweden*

**TUPED252 Changes in quality of life among PLHIV in Estonia from 2005 to 2013**

*L. Lemsalu, K. Rüütel, L. Löhmus, K.-T. Laisaar, A. Uusküla  
Estonia*

**TUPED253 Effectiveness of supportive counselling for clients receiving ART in public health facilities in Botswana**

*T. Paul, R. Stockton, K. Morran, E. Mokalake  
Botswana*

**TUPED254 Quality of life in HIV+ patients: results from the HIV HEART cohort study**

*J. Biermann, T. Neumann, N. Reinsch, V. Holzendorf, D. Schadendorf, N.H. Brockmeyer, M. Hower, J. Wasem, S. Esser  
Germany*

**TUPED255 Resilience among adolescents infected and affected by HIV: differences in behavioral and psychological outcomes**

*A. LoVette, C. Kuo, J. Pellowski, A. Harrison, C. Mathews, D. Operario, W. Beardslee, L. Cluver, D. Stein, L. Brown  
United States*

**TUPED256 Ability and willingness to care for children in a mature HIV epidemic: street-involved children, fostering attitudes and the consequences of HIV among Kenyan families**

*M. Goodman, M. Mutambudzi, S. Gitari, P. Keiser, S. Seidel  
United States*

**TUPED257 Young people lead all the way: evidenced-based advocacy is the way!**

*S. Jiwan, N. Niwagaba  
Uganda*

**TUPED258 Mixed-methods randomised controlled trial of an intervention to improve the patient-centredness of care for people on ART in South Africa: patient-reported outcomes and implications for methods and routine practice**

*R. Harding, L. Selman, L. Gwyther, L. Ganca, L. Sherr, V. Simms, I. Higgenson, W. Gao  
United Kingdom*

**TUPED259 Social-support for adolescents living with HIV in South Africa: improving access and gaining insights into needs and best practices**

*J.L. Koen, A. Kydd, Z. Figerova, M. Ngobeni, T. Konkobe  
South Africa*

**TUPED260 Psychological and social support of MSM living with HIV, in a hostile environment: relevance and challenges**

*J. Ntetmen Mbetbo, H.C.D. Ngo Ndaptie, Z. Makong  
Cameroon*

**PED261-D265 Adaptation to living with HIV for individuals, families and communities**

**TUPED261 Facilitators of and barriers to HIV self-management: perspectives of HIV-positive women in China**

*W.-T. Chen  
United States*

TUPED262	<b>Intervention for service providers to support maternal HIV disclosure in Thailand</b> <i>S.J. Lee, L. Li, B. Nasungnoen, C. Lin</i> United States
TUPED263	<b>A descriptive profile of primary caregivers of HIV-infected children in the Western Cape, South Africa</b> <i>N. Jooste, B. Laughton, E.F.M. Dobbels, P. Zuidewind, K.S. van Wyhe, M.J. Boivin, M.F. Cotton, C. Pretorius</i> South Africa
TUPED264	<b>Alleviating stress and improving family functioning: results from a preliminary RCT of a counseling intervention for parental HIV disclosure in China</b> <i>J.P. Yang, J.M. Simoni, C.-S. Shiu, W.-T. Chen, H. Lu</i> United States
TUPED265	<b>Families affected by HIV/AIDS: caregivers' and children's resilience and children's daily cortisol output</b> <i>L. Chen, X. Li, D. Lin, J. Zhao, G. Zhao</i> United States
<b>PED266-D275</b>	<b>Experiences and impacts of antiretroviral therapy</b>
TUPED266	<b>Barriers to and facilitators of antiretroviral therapy (ART) engagement among adult Ghanaian men who have sex with men (MSM) living with HIV</b> <i>A. Ogunbaio, T. Kershaw, F. Boakye, N.D. Wallace-Atiapah, L. Nelson</i> United States
TUPED267	<b>"I told her this is your life": how primary partners help overcome barriers related to ART adherence in South Africa</b> <i>A. Conroy, A. Leddy, M. Johnson, T. Ngubane, H. van Rooyen, L. Darbes</i> United States
TUPED268	<b>The crucial role of the family context: family functioning and depression in HIV patients on public-sector ART in South Africa</b> <i>E. Wouters, C. Masquillier, F.L.R. Booysen</i> Belgium
TUPED269	<b>Comparison of different self-reported ART adherence measures: a quantitative study in China</b> <i>Z. Shen, S. Qiao, X. Li, Y. Zhou, Z. Tang, J. Zhao</i> China
TUPED270	<b>Results of the Sepo II study: experiences of HIV-related episodic disability among women and men on ART in Lusaka, Zambia</b> <i>S. Nixon, V. Bond, P. Solomon, C. Cameron, J. Hanass-Hancock, M. Maimbolwa, A. Menon, C. Mwamba, P. Simwaba, R. Sinyinza, M. Siwale, S. Tattle, T. Yates</i> Zambia
TUPED271	<b>Adherence with combination antiretroviral therapy (cART): do challenges still persist?</b> <i>M. Murray, R. Hahn, B. Goodwin, S. Hogue, K. Davis</i> United Kingdom
TUPED272	<b>'Sometimes you feel like you have no choice but to bear with it all': how much do we understand side-effects of ARVs on lives of women living with HIV?</b> <i>A. Welbourn, L. Orza, S. Bewley, E.T. Crone, M. Vazquez</i> United Kingdom

**TUPED273 Eddies, backflows and stagnancy: qualitative research findings from eastern and southern Africa on the HIV treatment cascade and its 'goodness of fit'**

*M. Skovdal, A. Wringe, S. Bernays, J. Seeley, J. Renju, S. Paparini, J. Wamoyi, M. Moshabela, K. Church, O. Bonnington*  
Denmark

**TUPED274 Looking at adherence through a disability lens**

*B.S. Carpenter, J. Hanass-Hancock, H. Myezwa*  
South Africa

**TUPED275 Are HIV antiretroviral therapy programmes positively affecting risky behaviour amongst patients? A review of the South African HIV Incidence Provincial Surveillance System (HIPSS) data**

*G. George, S. Beckett, K. Govender, A. Khapsany, C. Cawood, D. Khanyile, A. Grobler*  
South Africa

**PED276-D295 Growing up with HIV: specific needs and interventions for children, adolescents and youth**

**TUPED276 "Because they care": understanding pathways to classroom concentration problems among HIV-affected children in western Kenya**

*M. Skovdal*  
Denmark

**TUPED278 How do young people living with HIV feel on antiretroviral therapy?: the need to address side-effects and treatment disengagement**

*S. Paparini, S. Bernays, J. Seeley, S. Namukwanya, and BREATHER Trial Team*  
United Kingdom

**TUPED279 An evaluation of an intensive residential support camp intervention for 12-16 year olds living with HIV in the UK**

*M. Evangelis, I. Lut, A. Ely*  
United Kingdom

**TUPED280 Understanding disclosure process and need for programmatic interventions for adolescent living with HIV in Goa, India**

*P.P. Ferrao, P. Borges*  
India

**TUPED281 Effective role sharing for healthy Body Mass Index status among HIV-positive children and caregivers**

*K. Kikuchi, K. Poudel, J. Muganda, A. Majyambere, V. Mutabazi*  
Japan

**TUPED282 Assessment of the utilization of culturally-sensitive disclosure counseling tools for HIV-infected adolescents and caregivers in western Kenya**

*C.I. McAteer, J. Aluoch, C. Mutiso, R. Ombitsa, W.M. Nyandiko, I. Marete, R.C. Vreeman*  
United States

**TUPED283 Pediatric HIV disclosure intervention improves knowledge and clinical outcomes in HIV-infected children and adolescents in Namibia**

*K. Beima-Sofie, N. Hamunime, L. Brandt, M. Shepherd, L. Feris, J. Uusiku, G. John-Stewart, G. O'Malley*  
United States

**TUPED284 Targeting services adolescent girls and young women living with HIV: simple may be better**

*M. Dunbar, D. Nhamo, G. Chapwanya, I. Mudkunye-Mahaka, A. Chingono, G. Kadzirange*  
Zimbabwe

TUPED285	<b>Is differentiated care truly differentiated for adolescents living with HIV? Qualitative findings from Zimbabwe and South Africa</b>
	<i>L. Langhaug, M. Dunbar, G. Gumbo, N. Willis, P. Gomo, T. Crankshaw, A. Gibbs</i> Zimbabwe
TUPED286	<b>Findings from project Khuluma: a mobile phone support group intervention for HIV-positive adolescents in South Africa to address their mental health and wellbeing needs</b>
	<i>A.S. Kydd, M. Birootti, J. Koen, Z. Figerova, M. Ngobeni, T. Konkobe</i> United Kingdom
TUPED287	<b>This is me. A documentary highlighting everyday life of a HIV-positive adolescent in South Africa going through the joys and challenges of adolescence</b>
	<i>Z. Figerova, A. Kydd, J. Koen, M. Ngobeni, T. Konkobe</i> United Kingdom
TUPED288	<b>“Walking together”: cultural adaptation of an evidence informed psychosocial intervention to address the needs of pHIV + youth in Thailand</b>
	<i>G. Pardo, C. Saisaengjan, S. Lakhonpon, J. Ananworanich, T. Bunupuradah, P. Gopalan, D. Friedman Nestadt, C. Mellins, M. McKay</i> United States
TUPED289	<b>High risk for loss to follow-up among adolescents living with HIV in Pune, India</b>
	<i>S. Nimkar, C. Valvi, S. Khadse, D. Kadam, A. Kinikar, I. Marbaniang, B. Rewari, A. Chandanwale, N. Suryavanshi, S. Patil, N. Nevrekar, P. Raichur, A. Gupta, V. Mave</i> India
TUPED290	<b>Pangaea Global AIDS &amp; The Clinton Health Access Initiative (CHAI) best practices case study series: Zvandiri CATS model: supporting HIV+ adolescents</b>
	<i>I.C. Mahaka, K. Callahan, N. Willis, M. Rejbrand, K. Taylor, D. Chris</i> Zimbabwe
TUPED291	<b>Insights on the complexities of medical adherence amongst HIV-positive adolescents in South Africa</b>
	<i>J.L. Koen, T. Konkobe, A. Kydd, Z. Figerova, M. Ngobeni</i> South Africa
TUPED293	<b>Exploring the potential of a family-based prevention intervention to reduce alcohol use and violence and promote child mental health within HIV-affected families in Rwanda</b>
	<i>S. Chaudhury, F.L. Brown, C.M. Kirk, S. Mukunzi, B. Nyirandagijimana, J. Mukandanga, C. Ukundineza, K. Godfrey, L. Ng, R.T. Brennan, T.S. Betancourt</i> United States
TUPED294	<b>Family-based promotion of mental health in children affected by HIV: a pilot randomized controlled trial</b>
	<i>T.S. Betancourt, L. Ng, C.M. Kirk, S. Chaudhury, R.T. Brennan, W.R. Beardslee, S. Stulac, S. Mukunzi, F.L. Brown, B. Nyirandagijimana, K. Godfrey, C. Mushashi, E. Nduwinmana, V. Sezibera</i> United States

**TUPED295** **The Passages Project: initial observations from a multi-country investigation into factors that impact transition from adolescent to adult HIV care**

*C.R. Carty, J.S. Lambert, L. Sidloyi, C. Oprea, R. Pierre, C. Christie-Samuels, R. Hansudewechakul, S. Watanporn, M. Archary, E. Machado, M.D.F. Lago Garcia, G. Avramovic, M. Picone, M. D'Eredita*  
*United Kingdom*

**PED296-D308** **Ageing with HIV: evolving and additional needs and responses**

**TUPED296** **How social work can support people living with HIV and changes in cognition: results of a mixed-methods, community-based research study**

*A.D. Eaton, J. Watchorn, S.L. Craig, J.W. McCullagh, C. Mukandoli, R. Wallace, D. McClure*  
*Canada*

**TUPED297** **Exploring experiences of older African-American males aging with HIV in the rural south-eastern United States**

*B. Blake, G. Taylor, R. Sowell*  
*United States*

**TUPED298** **Positive aging: indigenous peoples aging with HIV/AIDS**

*C. Ryan, R. Jackson, A. King, R. Masching, C. Gabel*  
*Canada*

**TUPED299** **"You're suffering all these things and you keep going backwards and forwards": experiences of the menopause among women living with HIV in the United Kingdom**

*J. McGregor-Read, F. Pettitt, S. Petretti, F. Burns, R. Gilson, C. Sabin, S. Tariq*  
*United Kingdom*

**TUPED300** **Social network and supports among older gay and bisexual men: the impact of HIV**

*E. Seidel, M. Brennan-Ing, B. Larson, S. Karpiaik*  
*United States*

**TUPED301** **Differences in social support resources among older adults with HIV in South Africa and Uganda: findings from the Research on Older Adults with HIV (ROAH) Africa project**

*M. Brennan-Ing, K. Porter, J. Seeley, C. MacPhail, M. Kuteesa, L. Geddes, V. Minichiello, S. Karpiaik, F. Venter, J. Negin*  
*United States*

**TUPED302** **Long-term survivors: kicking AIDS Survivor Syndrome**

*H. Tessema, T. Anderson*  
*United States*

**TUPED303** **Intimate partner violence among older women with HIV**

*C. MacPhail, M. Brennan-Ing, K. Porter, V. Minichiello, S. Karpiaik, J. Negin, F. Venter*  
*Australia*

**TUPED304** **The health care experiences of adults aged 50 years and older living with HIV in Botswana**

*K. Matlho, R. Lebelonyane, T. Driscoll, J. Negin*  
*Australia*

**TUPED305** **Accessibility of elderly adults to HIV screening services in Cameroon**

*A. Rogers Awoh, A. Adedimeji*  
*Cameroon*

**TUPED306** **Research on older adults with HIV in Uganda research on older adults with HIV in Uganda: a feasibility study of a survey tool**

*W. Manyara, ROAH Uganda, University of Sydney, Kenya*

**TUPED307** **"Well, they just gave up": othering as part of the survival experience of older men with HIV in New York City**

*C. McCullagh, United States*

**TUPED308** **Telling it like it is: the multiple loss journey with a Spanish soul**

*S.E. Lopez Lopez, Y. Perrault, Canada*

**PED309-D312** **Prevention interventions and their effects on the lives and relationships of people living with HIV**

**TUPED309** **Gender inequalities influence HIV-serostatus disclosure: qualitative study among HIV-positive women and men reporting sero-discordant partnerships in Durban, South Africa**

*D. Bhatia, A. Harrison, L. Matthews, M. Kubeka, C. Milford, I. Wilson, C. Psaros, S. Safran, D. Bangsberg, J. Smit, United States*

**TUPED310** **#undetectable: HIV-positive. Not infectious**

*A. Lehner, Switzerland*

**TUPED311** **Strengthened sexual relationships through PrEP use by serodiscordant couples may stimulate demand for PrEP in sub-Saharan Africa: qualitative research from the Partners Demonstration project**

*E. Nakku-Joloba, T.R. Muwonge, M.A. Wyatt, E.T. Katabira, N.C. Ware, Uganda*

**TUPED312** **Reaching at hard-to-reach population: an effective mobilization of key population in Nepal**

*D. Joshi, N. Maharjan, Nepal*

**PED313-D321** **Sexual and reproductive health, fertility, family planning and abortion**

**TUPED313** **Upscaling sexual and reproductive health and rights (SRHR) among young people and adolescents**

*M. Khumalo, Zimbabwe*

**TUPED314** **Childbearing intentions and family planning uptake in HIV+ women on antiretroviral therapy (ART) in the postpartum period**

*C.A. Towriss, E.J. Abrams, T. Phillips, J.A. McIntyre, L. Myer, South Africa*

**TUPED315** **Contraceptive use among women living with HIV and AIDS receiving care at secondary and tertiary health facilities in Ibadan Nigeria**

*F.A. Adenuga, A.S. Bakarey, M.B. Titiloye, Women living with HIV and AIDS, Nigeria*

**TUPED316** **A comparison of sexual behavior among older adults with HIV from South Africa and Uganda: findings from the Research on Older Adults with HIV (ROAH) Africa project**

*M. Brennan-Ing, K. Porter, C. MacPhail, J. Seeley, V. Minichiello, S. Karpak, F. Venter, M. Kuteesa, L. Geddes, J. Negin*  
*United States*

**TUPED317** **Missed opportunities for sexual and reproductive health counseling following HIV diagnosis in KwaZulu-Natal, South Africa**

*A. Gandhi, N. Lince-Deroche, J. Mantell, S. Tariq, T. Exner, K. Blanchard, G. Ramjee, S. Hoffman*  
*United States*

**TUPED318** **Trends and predictors of live-birth and abortion rates among HIV-infected and -uninfected women enrolled in the women's interagency HIV study (WIHS): 1994-2012**

*L. Haddad, K. Wall, C.C. Mehta, E. Golub, L. Rahangdale, M.-C. Kempf, R. Karim, R. Wright, H. Minkoff, M. Cohen, S. Kassaye, D. Cohan, I. Ototokun, S.E. Cohn*  
*United States*

**TUPED319** **Public interest litigation to challenge the forced and/or coerced sterilization of women living with HIV**

*T. Saoyo*  
*Kenya*

**TUPED320** **Understanding contraceptive use and practices among female sex workers living with HIV in the Dominican Republic**

*D. Cernigliaro, C. Barrington, M. Perez, Y. Donastorg, D. Kerrigan*  
*United States*

**TUPED321** **Factors associated with the desire for future children among HIV-positive women and men in Malawi**

*J.W. Krashin, L.B. Haddad, H. Twanya, J. Chiwoko, W. Ng'ambi, B. Samala, T. Chawenza, J.H. Tang, M. Hosseinipour, S. Phiri*  
*United States*

**PED322** **HIV and the workplace: discrimination, unemployment, return to work and rehabilitation**

**TUPED322** **Processes of resilience among people living with HIV/AIDS seeking vocational rehabilitation: a qualitative approach**

*W. Gómez, A. Schustack, A.W. Carrico*  
*United States*

**PED323-  
D324** **Living with HIV and co-infections and/or co-morbidities**

**TUPED323** **Identifying TB-HIV co-infection: a community-led model for tuberculosis screening among PLHIV: experience from the Vihaan programme in India**

*M. Balani, V. Arumugam, R. Huidrom, S. Mehta, J. Robertson*  
*India*

**TUPED324** **Effectiveness of smoking cessation program for prisoners live with HIV/AIDS**

*E. Jalali, A. Hasani, A. Babaei*  
*Iran, Islamic Republic of*

**PED325-  
D338** **Conceptualizing social and structural factors and their impacts**

**TUPED325 Socio-cultural factors influencing adherence to antiretroviral therapy among HIV patients in a University Teaching Hospital in south-west Nigeria**

*O. Okunola, C.O. Muoghalu, A.I. Irinoye  
Nigeria*

**TUPED326 Conceptualizing “transactional sex” in sub-Saharan Africa: a review and synthesis of the literature**

*K. Stoebenau, L. Heise, J. Wamoyi, N. Bobrova  
Tanzania, United Republic of*

**TUPED327 Masculinity, internalized heterosexism, and other psychosocial health problems: toward a gendered model of HIV sexual risk processes in gay, bisexual, and other men who have sex with men**

*T.L. Brown, N.G. Smith, J. Cox  
Canada*

**TUPED328 The Panado problem: mediating health and HIV service provision in the commercial agricultural sector - a study of employer attitudes and practices in two districts in South Africa**

*N. Pillay, N. Coulson, C. du Preez  
South Africa*

**TUPED329 Technology-related predictors of social isolation among young Black MSM**

*L. Hightow-Weidman, S. LeGrand, K. Soni, H. Kirschke-Schwartz, S.K. Choi, K. Muessig  
United States*

**TUPED330 Youth and alcohol: using PhotoVoice participatory methods to understand the role of alcohol availability, promotion and affordability on young people's HIV risk and safety in South Africa**

*L. Letsela, R. Weiner, K. Fritz, STRIVE Alcohol Study Group  
South Africa*

**TUPED331 Experiences of police violence among behaviorally bisexual African American men and their female partners: the structural context of HIV**

*S. Mackenzie, M. Benjamin, J. Kalamka Johnson, M. Khan, S. MacGregor, E. Hailu  
United States*

**TUPED332 Safe Space and HIV: examining the relationship between the physical features of sex work venues, women's safety and condom use negotiation in two Mexico/U.S. border cities**

*B.S. West, E.E. Connors, C. Magis-Rodriguez, H. Staines-Orozco, G. Martinez, A. Roth, R. Fielding-Miller, K.C. Brouwer  
United States*

**TUPED334 "Moving from visible to virtual spaces" visibility, networking and mobility among men who have sex with men from Goa State: drawings from a pre-surveillance assessment**

*S. Deshpande, P. Kumar, N. Joglekar, C. Kadu, N. Dhingra, R. Gangakhedkar, S. Godbole  
India*

**TUPED335 Contexts Of vulnerability to HIV among elderly men who have sex with men in Asuncion, Paraguay: an exploratory study**

*M. Negrete  
Paraguay*

**TUPED336 The case for considering social venue-based interventions and risky groups integrated HIV prevention efforts**

*S. Babirye, S. Ssendagire, M. Nattimba, S. Kasasa, L. Atuyambe, S. Weir, F. Ssengooba  
Uganda*

**TUPED337** **Barriers to pre-exposure prophylaxis (PrEP) engagement for Black men who have sex with men in New York City: why prevention literacy matters**

*M.M. Philbin, R.G. Parker, C. Parker, J. Garcia, P.A. Wilson, J.S. Hirsch*  
United States

**TUPED338** **Research on social capital and HIV outcomes in the United States: results, challenges and future directions**

*Y. Ransome, L. Dean*  
United States

**PED339-D344** **Socio-economic differences: poverty, wealth and income inequalities**

**TUPED339** **Assessing household economic vulnerability in HIV-affected communities in five regions of Côte d'Ivoire**

*H.M. Burke, W. Moret, S. Field, M. Chen, Y. Zeng, F.M. Seka, M. Ferguson*  
South Africa

**TUPED340** **Data mining reveals disparities in HIV viral load suppression**

*D. Feller, B. Agins*  
United States

**TUPED341** **Social and economic barriers to care and treatment for Black men who have sex with men and women (BMSMW) who are living with HIV: lessons from the Bruthas cohort**

*E. Arnold, J. Weeks, M. Benjamin, L. Pollack, G. Lockett, D. Operario, S. Kegeles*  
United States

**TUPED343** **Long-term labour market attachment predicts key antiretroviral therapy outcomes among people who use illicit drugs in a setting of universal HIV health care coverage**

*L. Richardson, T. Kerr, J. Montaner, E. Wood, M.-J. Milloy*  
Canada

**TUPED344** **Food insecurity is associated with internalized stigma among women with HIV in the United States**

*K. Palar, E.A. Frongillo, J. Escobar, L. Sheira, P. Tien, T. Wilson, A.A. Adedimeji, D. Merenstein, M. Cohen, E. Waddell, J. Turan, S.D. Weiser, Women's Interagency HIV Study*  
United States

**PED345-D349** **Dynamics of social status and power: gender, age, ethnicity and disability**

**TUPED345** **"These men of ours have such fragile hearts": anthropological perspectives on gender differences in treatment outcomes in a large-scale, public-sector HAART rollout program in Namibia**

*M. Callaghan*  
Canada

**TUPED346** **Male involvement as a link to prevention of mother to child transmission (PMTCT) of HIV in Abia state Nigeria**

*K. Igbojionu, E. Igbojionu, E. Okey-Uchendu*  
Nigeria

**TUPED347** **Understanding the social barriers to HIV service utilisation among older people in Botswana**

*K. Matlho, R. Lebelonyane, T. Driscoll, J. Negin*  
Australia

**TUPED348** **A study of factors affecting male involvement in HIV-related services in Malawi**

*B. Matatiyo, D. Likongwe*  
Malawi

**TUPED349** **Black and Quilombolas high school students vulnerability to HIV/AIDS: sexual violence, community stigmatization and lack of access to prevention programs should be mitigated**

*V.N. Silva, M.C. Antunes, R. Casco, G. Tagliamento, E. Merchan-Hamann, V.S.F. Paiva Brazil*

**PED350** **Economic transitions and social and cultural change**

**TUPED350** **Participation in economic strengthening (ES) intervention and health related quality of life (HRQoL) among food insecure people living with HIV (PLHIV) in Ethiopia**

*T. Bezabih, M.-S. Menbere  
WFP*

**PED351** **Economic and social dynamics and impacts of intergenerational and/or transactional sex**

**TUPED351** **Increasing access to HIV services for young vulnerable female workers through their trade unions: the case of the hair and beauty trade union in Kenya**

*D. Muhika, H.M. Amakobe, R. Ameur, S. Mabhele  
Kenya*

**PED352-D360** **Violence and conflict: political, social, structural, interpersonal and family-based**

**TUPED352** **Prevalence of intimate partner violence and physical and mental health outcomes of women living with HIV in an urban clinic setting**

*J. Anderson, N. Glass, J. Farley, J. Campbell  
United States*

**TUPED353** **Estimating the causal effect of intimate partner violence on condom use: an application of marginal structural models to cohort data from Rakai, Uganda**

*L. Maxwell, H. Brahmbhatt, A. Ndyanabo, J. Wagman, G. Nakigozi, F. Nalugoda, D. Serwadda, A. Nandi  
Uganda*

**TUPED354** **Detecting, preventing and responding to physical, sexual and emotional abuse and neglect through the HIV continuum of care**

*S. Chevrel, S. Long, K. Weinhauer, A. Beeler, A. Clark  
United States*

**TUPED355** **Violence, economically motivated sex, and self-reported STI among adult men in five countries: population-based survey findings from the UN multi-country study of men and violence in Asia and the Pacific**

*K. Dunkle, E. Chirwa, R. Jewkes  
South Africa*

**TUPED356** **Analysing the effects of relationship level factors and perceived gender attitudes among female sex workers on experience of intimate partner violence in north Karnataka, South India**

*P. Javalkar, R. Prakash, S. Isac, T. Beattie, R. Thalinja, M. Columbian, L. Heise, P. Bhattacharjee  
India*

**TUPED357** **Social network cohesion amplifies the effect of network gender norms on men's perpetration of intimate partner violence in Dar es Salaam, Tanzania**

*M. Mulawa, H.L. McNaughton Reyes, L. Kajula, S. Maman  
United States*

**TUPED358      Understanding and addressing violence among key populations to offer effective HIV programming**

*R. Dayton, A. Olawo, G. Morales, T. Miller, J. Walimbwa, A. Gikari, J. Ngugi, M. Odhiambo, L. Dalziel, L. Nthei*  
*United States*

**TUPED359      HIV-risk behaviors of men who perpetrate intimate-partner violence in Rakai, Uganda**

*M. Mullinax, X. Song, S. Grilo, J. Wagman, S. Mathur, T. Lutalo, J. Santelli*  
*United States*

**TUPED360      Interventions in the private: intimate partner violence and reducing vulnerabilities**

*D. Bhattacharya, S. Karkal*  
*India*

**PED362-D367      Sexuality and gender-based violence and exploitation, including in conflict settings**

**TUPED362      High reports of violence in adulthood among women living with HIV in Canada and affiliated risk factors**

*C. Logie, E. Ding, A. de Pokomandy, P. O'Campo, N. O'Brien, S. Greene, W. Tharao, S. Jabbari, A. Carter, K. Proulx-Boucher, A. Carlson, S.Y. Yin, M. Desbiens, K. Webster, D. Dubuc, P. Sereda, G. Colley, R. Hogg, A. Kaida, A. Lacombe-Duncan, M. Loufty, CHIWOS Research Team*  
*Canada*

**TUPED363      Nuh Guh Deh! (Don't Go There): end sex with the girl child/end HIV among adolescent girls in Jamaica**

*P. Watson, N. Condell*  
*Jamaica*

**TUPED364      Exploitative sex work among MSM and transgender women in South Asia: vulnerability to sexual abuse and HIV**

*P. Prabhughate, P. Dhall, J. Varghese, R. Verma*  
*India*

**TUPED365      Sexual violence and rape in Rustenburg, South Africa: implications for service provision and prevention**

*A. Shroufi, S.J. Steele, K. Phillips, A. Mews, J. Hill, P. Mazuru, A. Luczynska, K. Duncan, G. Van Cutsem*  
*South Africa*

**TUPED366      Associations between adolescent experiences of violence in Malawi and gender-based violent attitudes and behaviours**

*V. Ameli, B. Ushie, F. Meinck, A. Munhalil, L. Langhaug*  
*United Kingdom*

**TUPED367      Interpersonal and structural factors of non-condom use with intimate partners among sex workers in conflict-affected northern Uganda**

*A. Ferguson, J. Birungi, M. Akello, P. Duff, P. Nguyen, G. Muzaaya, K. Shannon*  
*Canada*

**PED368      Media, cultural and religious representations of HIV and AIDS**

**TUPED368      The news media discourse surrounding HIV in the U.S. deep south: negativity, fear of contagion, and ostracization**

*M.V. Dabbah, E. Klukas, A. Dabbah*  
*United States*

**PED369-D638      Experiences and impacts of HIV-related stigma**

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TUPED369 **'We don't want to be noticed collecting drugs': the effects of stigma and discrimination on adherence to medication amongst people living with HIV in Tiv Land, north central Nigeria**

*G.A. Timiun, T. Scrase*

*Nigeria*

TUPED370 **The predictive power of stigma on substance use and sexual risk behaviors among people living with HIV/AIDS in Southwest China**

*Y. Zhou, C. Zhang, X. Li, Y. Liu, S. Qiao, Z. Shen, Y. Chen*

*United States*

TUPED371 **Resolved and unresolved issues among people living with HIV in Japan after 10 years of advancement in medical environment: results from nationwide multicenter surveys from 2003 to 2013**

*T. Ohtsuki, C. Wakabayashi, Y. Ikushima, M. Yamaguchi, M. Tarui, Research on Support for PLHIV and DU in Regional Communities*

*Japan*

TUPED372 **Creating contextualized films through community engagement to address HIV-stigma in western Kenya**

*C.T. Lewis, J. Dickerson-Putman, C. McAtee, J. Aluoch, E. Ngare, C. Odhiambo, W. Nyandiko, R. Vreeman*

*United States*

TUPED373 **Stigma in the age of undetectability**

*L. Thorley, A. Hudson*

*United Kingdom*

TUPED374 **«To die from people's gaze»: trajectories of women living with HIV in Switzerland**

*V. Fargnoli*

*Switzerland*

TUPED375 **Dimensionality of disclosure of HIV status among postpartum women on antiretroviral therapy in Cape Town, South Africa**

*J. Hunter-Adams, A. Zerbe, T. Philips, Z. Rini, K. Brittain, L. Myer, G. Petro, E. Abrams*

*South Africa*

TUPED376 **Changes in HIV-related stigma in eastern African communities after introduction of a large HIV "test and treat" intervention**

*C.S. Camlin, M. Getahun, K. Kadede, J. Kabami, E. Ssemmondo, T. Clark, M. Petersen, C.R. Cohen, E.A. Bukusi, M. Kamya, D. Havlir, E. Charlebois*

*United States*

TUPED377 **"How can I tell?": consequences of HIV status disclosure among couples in eastern Africa in the context of an ongoing HIV 'test and treat' trial**

*I. Maeri, A. El Ayadi, M. Getahun, E. Charlebois, C. Akatukwasa, D. Tumwebaze, H. Itiakorit, L. Owino, D. Kwarisiima, E. Ssemmondo, N. Sang, J. Kabami, T. Clark, M. Petersen, C.R. Cohen, E.A. Bukusi, M. Kamya, D. Havlir, C.S. Camlin*

*Kenya*

TUPED378 **Experiences of stigma against participants in a network intervention to reduce HIV transmission from recently infected people in Athens, Greece and Odessa, Ukraine**

*L.D. Williams, S.R. Friedman, J. Schneider, E.-G. Kostaki, E. Morgan, M. Psichogiou, D. Paraskevis, A. Hatzakis, E. Pavlina, B. Skaathun, A. Korobchuk, S. Muth, G. Nikolopoulos, Transmission Reduction Intervention Project Collaboration Group*

*United States*

TUPED379 **Community saving schemes: a sustainable empowerment mechanism for people living with HIV in Mityana district, Uganda**

*S. Nganda*

*Uganda*

TUPED638 **Psychosocial management of internalised HIV stigma, in the low prevalence context of Turkey**

*P. Oktem*

*Turkey*

**PED380-D407 Stigma and discrimination in specific settings, including family, community, work place, education and healthcare settings**

TUPED380 **The social construction of HIV stigma and sexual health seeking behaviour among black sub-Saharan African (BSSA) communities in the English city of Birmingham**

*M. Nyashanu, L. Serrant, H. Paniagua*

*United Kingdom*

TUPED381 **Stigma and discrimination in HIV testing services: exploring experiences of young transgender women and men who have sex with men in Kingston, Jamaica**

*C. Logie, N. Jones, K. Levermore, N. Brien, N. Lee-Foon, S. Tepian*

*Canada*

TUPED382 **The long road to life insurance**

*C. Suter*

*Switzerland*

TUPED383 **Discrimination in healthcare settings against PLHIV in Myanmar**

*T. Htoon, M.S. Tun, Myanmar Positive Group*

*Myanmar*

TUPED385 **A grounded theory study of HIV-related stigma in US-based healthcare institutions**

*M. Davtyan, C. Lu, L. Spencer, T. Frederick, B. Brown*

*United States*

TUPED386 **Community response to HIV-related stigma among healthcare providers in Ukraine: All-Ukrainian Network model**

*D. Dmytryev, O. Bryzhovata, O. Vynogradova, O. Gvozdetska*

*Ukraine*

TUPED387 **Addressing stigma and discrimination in the United Nations workplace**

*X. Orellana, D.O. Maina*

*UNFPA*

TUPED388 **Healthcare worker reflections on the relationship between health facility space and HIV stigma in 21 South African and Zambian facilities: the elephant in the room of HIV service delivery?**

*V. Bond, S. Nomsenge, L. Viljoen, M. Simuyaba, H. Mathema, T. Mainga, A. Stangl, J. Hargreaves, J. Seeley, G. Hoddinott, HPTN 071 (PopART) Study Team*

*Zambia*

TUPED389 **Health care worker attitudes and behaviours towards key populations in South Africa and Zambia: a cross-country analysis within the HPTN 071 (PopART) trial**

*S. Krishnaratne, H. Mathema, A. Stangl, G. Hoddinott, V. Bond, J. Hargreaves*

*United Kingdom*

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TUPED391 **Classification of refusals to provide care experienced by PLHIV: a proposal stemming from a community-based situation testing survey, April 2015**

*C. Douay, D. Rojas Castro, S. Benayoun, A. Henry, F. Barbier, G. Quatremère, T. Brigand, F. Pilorgé, L. Pallot, A. Romby, L. Feldmann, A. Toullier*  
France

TUPED392 **HIV-related stigma among Spanish-speaking Latinos in an emerging immigrant receiving city in the United States**

*S. Dolwick-Grieb, H. Shah, A. Flores-Miller, C. Zelaya, K. Page*  
United States

TUPED393 **The human rights and HIV/AIDS program: a community-based program to protect the rights of people living with HIV (PLHIV)**

*L. Liz*  
Canada

TUPED394 **My health, my rights: successfully changing a hostile legal and HIV environment for transgender women and effeminate gay men in Puebla, Aguascalientes and Mexico City Metropolitan area**

*J.J. Hernandez Chavez, O. Vasquez Chavez, J. Elizalde Peña, P.D.L.C. Suárez Hernandez, C. Cruz Camacho*  
Mexico

TUPED395 **Stigma and discrimination experiences in health care settings more evident among transgender people than males having sex with males (MSM) in Indonesia, Malaysia, Philippines and Timor Leste: key results**

*R.N. Cortes, L.B. Norella, M.C. Ignacio*  
Philippines

TUPED396 **HIV and sexuality related multiple stigma and loss of social support experienced by Hijra persons in Mumbai, India**

*A. Dange, S. Mengle Rawat, S. Banik, A. Shrivastav, D. Baruah, B. Horton, V. Anand*  
India

TUPED397 **Stigma and discrimination faced by people living with HIV/AIDS at health care settings**

*N. Goel, R. Rana, S. Mondal, R. Pathak, P. Joshi*  
India

TUPED398 **Advancing labour rights of persons living with HIV in Argentina**

*M.P. Renz, R. Cavallo, L. Lenzi, M.C. Trejo, I. Maglio, M. Lucas Gomez, K. Frieder, L. Cahn*  
Argentina

TUPED399 **HIV-related stigma and discrimination in healthcare: findings from the STIGMASurveyUK 2015**

*W. Crenna-Jennings, I. Lut, D. Asboe, L. Benton, M. Hibbert, J. Jefferies, K. Peter, C. Kunda, R. Mbewe, S. Morris, J. Morton, M. Nelson, S. Okala, H. Paterson, I. Reeves, M. Ross, L. Sharp, W. Sseruma, L. Thorley, G. Valiotis, A. Wolton, A. Hudson, V. Delpech*  
United Kingdom

TUPED400 **Measuring stigma and discrimination among people living with and affected by HIV in central Uganda**

*S. Kentutsi*  
Uganda

TUPED401 **HIV-related stigma within GP practices in the UK: findings from the STIGMASurveyUK 2015**

*I. Lut, W. Crenna-Jennings, D. Asboe, L. Benton, M. Hibbert, J. Jefferies, P. Kirwan, C. Kunda, R. Mbewe, S. Morris, J. Morton, M. Nelson, S. Okala, H. Paterson, I. Reeves, M. Ross, L. Sharp, W. Sseruma, L. Thorley, G. Valiotis, A. Wolton, A. Hudson, V. Delpech*  
United Kingdom

TUPED402 **Hard time and success: thoughts on Xiao Feng's case and PLHIV access to medical service in China**

*S. Dong*  
China

TUPED403 **Knowledge, attitudes and behaviors towards self stigma and discrimination associated with MSM in Karachi, Pakistan**

*A. William*  
Pakistan

TUPED404 **Role of primary medical care in HIV response in Ukraine: investments in post-graduate education of family doctors**

*O. Bryzhovata, V. Polyshchuk, O. Gvizdetska*  
Ukraine

TUPED405 **HIV-related stigma and discrimination in rural communities in Kenya: experiences of women living with HIV and community health volunteers**

*W. Liambila, B. Mdawida, C. Warren, J. Aparna, L. Reichenbach*  
Kenya

TUPED406 **The less than good quality of life of transgender people in Brazil: results from the Muriel project**

*M.A. Veras, G. Saggesse, J.L. Gomez, S. Mcarthy, A. Cezareto, M. Giovanetti, H. Hanada, D. Barros, R. Martins, J. Kraiczyk, L.F. Deus, C. Barros, Muriel Study Group*  
Brazil

TUPED407 **Pain and non-adherence to ART are associated with perceived discrimination by health care providers among racial minority persons who formerly or currently use drugs**

*A. Knowlton, M. Mitchell, C. Rushton, J. Keruly, T. Smith, N. Hutton, L. Wissow, M.C. Beach*  
United States

**PED408 Representations of stigma: social attitudes, media and public debate**

TUPED408 **No tolerance for tolerance: constitutional challenge to Jamaican TV stations' refusal to air advertisement calling for LGBT rights**

*M. Tomlinson, A. Gifford, A. Gray, R. Elliott, D. Stollery*  
Canada

**PED409-D419 Legal protection of people living with HIV and key populations**

TUPED409 **Being strategic about strategic litigation: using strategic litigation to advance public health outcomes**

*T. Ezer, P. Patel*  
United States

TUPED410 **Justice programs for public health: lessons and good practices**

*T. Ezer, E. Kamonyo, A. Maleche, R. Quinn, N. Burke-Shyne*  
United States

**TUPED411 Legal environment assessments: a tool to generate evidence for law, policy and strategy review and reform in Africa**

*A. Saha, C. Grant, M. Getahun, T. Sellers  
UNDP*

**TUPED412 Peer to peer learning on preventing anti-homosexuality bills: the DR Congo and Burkina Faso case study**

*G. Bock, B. Miligo, A. Saha, T. Sellers  
UNDP*

**TUPED413 Health impacts of unmet legal needs for low-income women living with HIV**

*R.B. Sears, A. Miyashita, A. Hasenbush  
United States*

**TUPED414 Strengthening the HIV-related legal and policy environment for key populations in the Democratic Republic of the Congo: a case study**

*L. Ferguson, A. Saha, G. Bock, S. Tamundele, T. Sellers, S. Gruskin  
United States*

**TUPED415 Legal services: essential to national responses, yes, but what about quality and coverage?**

*D. Patterson, A.E.R. Abu El Ela, A. Brito, N. Riahi, O. Perez, A. Shehata, N. Meite, G. Zevi, M. Salah  
Netherlands*

**TUPED416 Labour inspection in entertainment establishments protect entertainment workers in Cambodia**

*C. Por, A. Torriente, R. Howard, R. Ameur, M. Licata, S. Mabhele  
ILO*

**TUPED417 Integration of legal aid services in palliative care (PC): experience of using community paralegals to protect rights of palliative care patients**

*C.A. Nanyanzi  
Uganda*

**TUPED419 The fight against stigma and discrimination is not over: 53 countries still have HIV-specific entry and residence regulations for people with HIV**

*P. Wiessner  
Germany*

**PED420-D427 Social and political advocacy and mobilization**

**TUPED420 An investigation into the functionality of the provincial, district and local AIDS councils in Limpopo Province, South Africa**

*T.P. Mona, M.C. Raphahlelo, D.D. Segooa, R. Letsalo, M. Ramufhi, M.R. Mugivhi, M. Chuma, N. Maja  
South Africa*

**TUPED421 Leaving no one behind: amplifying visions, voices and priorities of young men who have sex with men living with HIV (MSM+) in Kisumu County, Kenya**

*K. Olang'o  
Kenya*

**TUPED422 The "Drug Stock-Out Kills! Stop it" campaign: coalition, data and diplomacy drive results in Uganda**

*M. Dombo, K. Kade, D. Agaba, H. Naluyiga, S. Kentusi, S. Atim  
Uganda*

**TUPED423** **Prevention literacy: community-based advocacy for access and ownership of the HIV prevention toolkit**

*R. Parker, A. Perez-Brumer, J. Garcia, K. Gavigan, A. Ramirez, J. Milnor, V. Terto Jr.*  
United States

**TUPED424** **Assessment of client's satisfaction with public services: hearing communities' voices**

*D. Dmytryev, I. Khryschuk, O. Bryzhovata, O. Vynogradova, T. Bryzhovaty, O. Gvozdetska*  
Ukraine

**TUPED425** **Where are the men? Addressing the global blind spot around heterosexual men in the HIV pandemic**

*L. Pascoe, D. Peacock*  
South Africa

**TUPED426** **Regional concept notes: lessons from the first window of Global Fund submissions**

*K. Richardson, C. Baran, S. Mellors*  
Canada

**TUPED427** **Delivering HIV-related community, structural and service development interventions for men who have sex with men in Kenya, Tanzania, Uganda and Zimbabwe: an appraisal of the SHARP programme**

*A. Bourne, E. Fearon, W. Nutland, C. Dorval Deffarary, G. Reid*  
United Kingdom

**PED428-D430** **Couples- or family-centred approaches**

**TUPED428** **Family centered approaches: reaching spouses, couples and families from the workplace**

*E. Mazioba-Tapfuma, J. Viner*  
Zimbabwe

**TUPED429** **Acceptability of woman-delivered HIV self-testing to the male partner: a qualitative study of antenatal clinic-linked participants in Blantyre, Malawi**

*A.T. Choko, M. Kumwenda, K. Fielding, E. Corbett, J. Chikovore, N. Desmond*  
Malawi

**TUPED430** **Preparing and supporting caregivers in the HIV disclosure process to infected children and adolescents: lessons from the YËGËL pilot intervention in Senegal**

*F. Hejoaka, M.L.I. Souane, E.H. Diom, N. Mbaye, A. Diack Mbaye, C. Cames, A. Fall, H. Sy Signate, N. Lachina, A. Diop*  
France

**PED431** **Comprehensive services for the prevention of vertical transmission, including early childhood development, child care and nutrition support**

**TUPED431** **Effectiveness of a prevention of mother to child transmission program at Bharatpur Hospital, Chitwan, Nepal**

*U. Shrestha*  
Nepal

**PED432-D434** **Incentives, micro-finance and other economic support**

**TUPED432** **The promise of behavioral economics for HIV/AIDS treatment and care**

*R. Buzdugan, S. Bautista-Arredondo, S. McCoy*  
United States

**TUPED434** **Motivating adolescents to take positive responsibility for their lives: lessons learned from implementing a conditional cash-transfer intervention in three countries in southern Africa**

*S.B. Ndlovu, J. Norins*

South Africa

**PED435-D436** **Safe housing, social protection and other care and support for those affected by HIV**

**TUPED435** **Housing is health: evidence of the impact of housing on HIV health outcomes from a harm reduction housing program**

*E. Bowen, J. Canfield, S. Moore, C. Rademacher, M. Hines, B. Hartke*

United States

**TUPED436** **Hits and misses of social protection: findings of a HIV-sensitivity comparative analysis of government and CSO social protection interventions in Kenya**

*A.J. Bwonderi*

Kenya

**PED437-D438** **Development and poverty alleviation**

**TUPED437** **Finding the leader within: experience at the Botswana-Baylor Children's Clinical Centre of Excellence (COE)**

*M. Matshaba, M. Mosweunyane, G. Karugaba, G. Anabwani*

Botswana

**TUPED438** **Common threads: a peer-led integrated prevention, trauma-informed and vocational development training for women living with HIV**

*V. Johnson, L. Scruggs*

United States

**PED439-D445** **Tackling stigma and stigma reduction interventions**

**TUPED439** **"Things people say:" enhanced stigma reduction training reduces HIV-related stigma among healthcare providers providing services to young people affected by HIV in Bangladesh**

*S. Geibel, S. Hossain, J. Pulerwitz, N. Sultana, T. Hossain, B. Friedland, B. Zieman, R. Yasmin, N. Sadiq, L. Stackpool-Moore, E. Yam*

United States

**TUPED440** **Moving towards a stigma-free Louisiana: a holistic approach to addressing layered stigma and discrimination to enhance access to HIV/STI services in the southern United States**

*R. Brewer, C. Daunis, S. Mukherjee, S. Chrestman, G. Brown, M. Smith, D. Ferrell, G. Payne, M. Theberge, J. Holmes, K. Perry, N. Fanwick, M. Wright, D. Wendell*

United States

**TUPED441** **An HIV stigma reduction intervention for African American women: preliminary results from the UNITY workshop trial**

*D. Rao, D. Huh, S.E. Cohn, J. Turan, K. McCotter, M. Mugavero, J. Simoni*

United States

**TUPED442** **Addressing the intersectional issues of HIV and AIDS through capacity development of academics and curriculum**

*M. Pillay, P. Brouard*

South Africa

**TUPED443** **Feasibility, acceptability, preliminary efficacy of a stigma management intervention for Spanish-speaking HIV-positive gay, bisexual and other men who have sex with men**

*C.F. Rodriguez-Diaz, E.J. Ortiz-Sanchez, R.L. Vargas-Molina, G.G. Jovet-Toledo, V.C. Gonzalez-Seda, E.I. Santiago-Rodriguez*  
Puerto Rico

**TUPED444** **What works to prevent and respond to violence for female sex workers (FSW), men who have sex with men (MSM) and people who inject drugs (PWID): a systematic review**

*M. Decker, C. Lyons, G. Fouada, I. Njindam, S. Kurani, J. Hatcher, S. Baral*  
United States

**TUPED445** **A participatory theatre intervention pilot study to reduce stigma towards lesbian, gay, bisexual and transgender (LGBT) people in Swaziland and Lesotho**

*C. Logie, R.K. MacKenzie, L. Dias, J. Jenkinson, V. Madau, S. Sibya, A. Ranotsi, T. Mothopeng, W. Nhlelengethwa, S. Baral, P.A. Newman*  
Canada

**PED446-D448** **Traditional and complementary approaches**

**TUPED446** **Beyond the workplace: upscaling through supply chain and mentorship**

*E. Mazioba-Tapfuma, J. Viner*  
Zimbabwe

**TUPED447** **Complementary and integrative health (CIH) use in older adults with HIV**

*K. Porter, M. Brennan-Ing*  
United States

**TUPED448** **The role of Indigenous knowledge in HIV communication, prevention, treatment, care and support in Malawi**

*B. Matatiyo, D. Kalomba, C. Mablekisi, C. Teleka, A. Muula*  
Malawi

**PED637** **Adherence to antiretroviral therapy, including when used as prevention or for chemoprophylaxis**

**TUPED637** **Barriers to antiretroviral treatment adherence in HIV-infected long-term treated adolescents and adults in Uganda**

*S. Chekata Inzaule, R. Hamers, C. Kityo, T.F. Rinke de Wit, M. Roura*  
Netherlands

**Track E >** **Implementation Research, Economics, Systems and Synergies with other Health and Development Sectors**

**PED250-D260** **Positive health, dignity, psychological well-being and mental health**

**TUPED250** **Enhancing positive outcomes for positive people: how do we promote life satisfaction among HIV+ low income men who have sex with men and people who use injection drugs in Taiwan?**

*A. Lacombe-Duncan, D.-M. Chuang*  
Canada

**TUPED251** **Living with HIV in Sweden: a survey study on living situation and quality of life**

*A. Ekström, C. Deegan, L. Lindberg, M. Wallin, G. Hök, L. Mannheimer*  
Sweden

TUPED252 **Changes in quality of life among PLHIV in Estonia from 2005 to 2013**

*L. Lemsalu, K. Rüütel, L. Löhmus, K.-T. Laisaar, A. Uusküla*  
Estonia

TUPED253 **Effectiveness of supportive counselling for clients receiving ART in public health facilities in Botswana**

*T. Paul, R. Stockton, K. Morran, E. Mokalake*  
Botswana

TUPED254 **Quality of life in HIV+ patients: results from the HIV HEART cohort study**

*J. Biermann, T. Neumann, N. Reinsch, V. Holzendorf, D. Schadendorf, N.H. Brockmeyer, M. Hower, J. Wasem, S. Esser*  
Germany

TUPED255 **Resilience among adolescents infected and affected by HIV: differences in behavioral and psychological outcomes**

*A. LoVette, C. Kuo, J. Pellowski, A. Harrison, C. Mathews, D. Operario, W. Beardslee, L. Cluver, D. Stein, L. Brown*  
United States

TUPED256 **Ability and willingness to care for children in a mature HIV epidemic: street-involved children, fostering attitudes and the consequences of HIV among Kenyan families**

*M. Goodman, M. Mutambudzi, S. Gitari, P. Keiser, S. Seidel*  
United States

TUPED257 **Young people lead all the way: evidenced-based advocacy is the way!**

*S. Jiwan, N. Niwagaba*  
Uganda

TUPED258 **Mixed-methods randomised controlled trial of an intervention to improve the patient-centredness of care for people on ART in South Africa: patient-reported outcomes and implications for methods and routine practice**

*R. Harding, L. Selman, L. Gwyther, L. Ganca, L. Sherr, V. Simms, I. Higgenson, W. Gao*  
United Kingdom

TUPED259 **Social-support for adolescents living with HIV in South Africa: improving access and gaining insights into needs and best practices**

*J.L. Koen, A. Kydd, Z. Figerova, M. Ngobeni, T. Konkobe*  
South Africa

TUPED260 **Psychological and social support of MSM living with HIV, in a hostile environment: relevance and challenges**

*J. Ntetmen Mbetbo, H.C.D. Ngo Ndaptie, Z. Makong*  
Cameroon

PED261-  
D265 **Adaptation to living with HIV for individuals, families and communities**

TUPED261 **Facilitators of and barriers to HIV self-management: perspectives of HIV-positive women in China**

*W.-T. Chen*  
United States

TUPED262 **Intervention for service providers to support maternal HIV disclosure in Thailand**

*S.J. Lee, L. Li, B. Nasungnoen, C. Lin*  
United States

**TUPED263 A descriptive profile of primary caregivers of HIV-infected children in the Western Cape, South Africa**

*N. Jooste, B. Laughton, E.F.M. Dobbels, P. Zuidewind, K.S. van Wyhe, M.J. Boivin, M.F. Cotton, C. Pretorius  
South Africa*

**TUPED264 Alleviating stress and improving family functioning: results from a preliminary RCT of a counseling intervention for parental HIV disclosure in China**

*J.P. Yang, J.M. Simoni, C.-S. Shiu, W.-T. Chen, H. Lu  
United States*

**TUPED265 Families affected by HIV/AIDS: caregivers' and children's resilience and children's daily cortisol output**

*L. Chen, X. Li, D. Lin, J. Zhao, G. Zhao  
United States*

**PED266-D275 Experiences and impacts of antiretroviral therapy**

**TUPED266 Barriers to and facilitators of antiretroviral therapy (ART) engagement among adult Ghanaian men who have sex with men (MSM) living with HIV**

*A. Ogunbaio, T. Kershaw, F. Boakye, N.D. Wallace-Atiapah, L. Nelson  
United States*

**TUPED267 "I told her this is your life": how primary partners help overcome barriers related to ART adherence in South Africa**

*A. Conroy, A. Leddy, M. Johnson, T. Ngubane, H. van Rooyen, L. Darbes  
United States*

**TUPED268 The crucial role of the family context: family functioning and depression in HIV patients on public-sector ART in South Africa**

*E. Wouters, C. Masquillier, F.L.R. Boysen  
Belgium*

**TUPED269 Comparison of different self-reported ART adherence measures: a quantitative study in China**

*Z. Shen, S. Qiao, X. Li, Y. Zhou, Z. Tang, J. Zhao  
China*

**TUPED270 Results of the Sepo II study: experiences of HIV-related episodic disability among women and men on ART in Lusaka, Zambia**

*S. Nixon, V. Bond, P. Solomon, C. Cameron, J. Hanass-Hancock, M. Maimbolwa, A. Menon, C. Mwamba, P. Simwaba, R. Sinyinza, M. Siwale, S. Tattle, T. Yates  
Zambia*

**TUPED271 Adherence with combination antiretroviral therapy (cART): do challenges still persist?**

*M. Murray, R. Hahn, B. Goodwin, S. Hogue, K. Davis  
United Kingdom*

**TUPED272 'Sometimes you feel like you have no choice but to bear with it all': how much do we understand side-effects of ARVs on lives of women living with HIV?**

*A. Welbourn, L. Orza, S. Bewley, E.T. Crone, M. Vazquez  
United Kingdom*

**TUPED273 Eddies, backflows and stagnancy: qualitative research findings from eastern and southern Africa on the HIV treatment cascade and its 'goodness of fit'**

*M. Skovdal, A. Wringe, S. Bernays, J. Seeley, J. Renju, S. Paparini, J. Wamoyi, M. Moshabela, K. Church, O. Bonnington*  
Denmark

**TUPED274 Looking at adherence through a disability lens**

*B.S. Carpenter, J. Hanass-Hancock, H. Myezwa*  
South Africa

**TUPED275 Are HIV antiretroviral therapy programmes positively affecting risky behaviour amongst patients? A review of the South African HIV Incidence Provincial Surveillance System (HIPSS) data**

*G. George, S. Beckett, K. Govender, A. Khapsany, C. Cawood, D. Khanyile, A. Grobler*  
South Africa

**PED276-D295 Growing up with HIV: specific needs and interventions for children, adolescents and youth**

**TUPED276 "Because they care": understanding pathways to classroom concentration problems among HIV-affected children in western Kenya**

*M. Skovdal*  
Denmark

**TUPED278 How do young people living with HIV feel on antiretroviral therapy?: the need to address side-effects and treatment disengagement**

*S. Paparini, S. Bernays, J. Seeley, S. Namukwanya, and BREATHER Trial Team*  
United Kingdom

**TUPED279 An evaluation of an intensive residential support camp intervention for 12-16 year olds living with HIV in the UK**

*M. Evangelis, I. Lut, A. Ely*  
United Kingdom

**TUPED280 Understanding disclosure process and need for programmatic interventions for adolescent living with HIV in Goa, India**

*P.P. Ferrao, P. Borges*  
India

**TUPED281 Effective role sharing for healthy Body Mass Index status among HIV-positive children and caregivers**

*K. Kikuchi, K. Poudel, J. Muganda, A. Majyambere, V. Mutabazi*  
Japan

**TUPED282 Assessment of the utilization of culturally-sensitive disclosure counseling tools for HIV-infected adolescents and caregivers in western Kenya**

*C.I. McAteer, J. Aluoch, C. Mutiso, R. Ombitsa, W.M. Nyandiko, I. Marete, R.C. Vreeman*  
United States

**TUPED283 Pediatric HIV disclosure intervention improves knowledge and clinical outcomes in HIV-infected children and adolescents in Namibia**

*K. Beima-Sofie, N. Hamunime, L. Brandt, M. Shepherd, L. Feris, J. Uusiku, G. John-Stewart, G. O'Malley*  
United States

**TUPED284 Targeting services adolescent girls and young women living with HIV: simple may be better**

*M. Dunbar, D. Nhamo, G. Chapwanya, I. Mudkunye-Mahaka, A. Chingono, G. Kadzirange*  
Zimbabwe

TUPED285	<b>Is differentiated care truly differentiated for adolescents living with HIV? Qualitative findings from Zimbabwe and South Africa</b>
	<i>L. Langhaug, M. Dunbar, G. Gumbo, N. Willis, P. Gomo, T. Crankshaw, A. Gibbs</i> Zimbabwe
TUPED286	<b>Findings from project Khuluma: a mobile phone support group intervention for HIV-positive adolescents in South Africa to address their mental health and wellbeing needs</b>
	<i>A.S. Kydd, M. Birotti, J. Koen, Z. Figerova, M. Ngobeni, T. Konkobe</i> United Kingdom
TUPED287	<b>This is me. A documentary highlighting everyday life of a HIV-positive adolescent in South Africa going through the joys and challenges of adolescence</b>
	<i>Z. Figerova, A. Kydd, J. Koen, M. Ngobeni, T. Konkobe</i> United Kingdom
TUPED288	<b>“Walking together”: cultural adaptation of an evidence informed psychosocial intervention to address the needs of pHIV + youth in Thailand</b>
	<i>G. Pardo, C. Saisaengjan, S. Lakhonpon, J. Ananworanich, T. Bunupuradah, P. Gopalan, D. Friedman Nestadt, C. Mellins, M. McKay</i> United States
TUPED289	<b>High risk for loss to follow-up among adolescents living with HIV in Pune, India</b>
	<i>S. Nimkar, C. Valvi, S. Khadse, D. Kadam, A. Kinikar, I. Marbaniang, B. Rewari, A. Chandanwale, N. Suryavanshi, S. Patil, N. Nevrekar, P. Raichur, A. Gupta, V. Mave</i> India
TUPED290	<b>Pangaea Global AIDS &amp; The Clinton Health Access Initiative (CHAI) best practices case study series: Zvandiri CATS model: supporting HIV+ adolescents</b>
	<i>I.C. Mahaka, K. Callahan, N. Willis, M. Rejbrand, K. Taylor, D. Chris</i> Zimbabwe
TUPED291	<b>Insights on the complexities of medical adherence amongst HIV-positive adolescents in South Africa</b>
	<i>J.L. Koen, T. Konkobe, A. Kydd, Z. Figerova, M. Ngobeni</i> South Africa
TUPED293	<b>Exploring the potential of a family-based prevention intervention to reduce alcohol use and violence and promote child mental health within HIV-affected families in Rwanda</b>
	<i>S. Chaudhury, F.L. Brown, C.M. Kirk, S. Mukunzi, B. Nyirandagijimana, J. Mukandanga, C. Ukundineza, K. Godfrey, L. Ng, R.T. Brennan, T.S. Betancourt</i> United States
TUPED294	<b>Family-based promotion of mental health in children affected by HIV: a pilot randomized controlled trial</b>
	<i>T.S. Betancourt, L. Ng, C.M. Kirk, S. Chaudhury, R.T. Brennan, W.R. Beardslee, S. Stulac, S. Mukunzi, F.L. Brown, B. Nyirandagijimana, K. Godfrey, C. Mushashi, E. Nduwinmana, V. Sezibera</i> United States

**TUPED295** **The Passages Project: initial observations from a multi-country investigation into factors that impact transition from adolescent to adult HIV care**

*C.R. Carty, J.S. Lambert, L. Sidloyi, C. Oprea, R. Pierre, C. Christie-Samuels, R. Hansudewechakul, S. Watanporn, M. Archary, E. Machado, M.D.F. Lago Garcia, G. Avramovic, M. Picone, M. D'Eredita*  
*United Kingdom*

**PED296-D308** **Ageing with HIV: evolving and additional needs and responses**

**TUPED296** **How social work can support people living with HIV and changes in cognition: results of a mixed-methods, community-based research study**

*A.D. Eaton, J. Watchorn, S.L. Craig, J.W. McCullagh, C. Mukandoli, R. Wallace, D. McClure*  
*Canada*

**TUPED297** **Exploring experiences of older African-American males aging with HIV in the rural south-eastern United States**

*B. Blake, G. Taylor, R. Sowell*  
*United States*

**TUPED298** **Positive aging: indigenous peoples aging with HIV/AIDS**

*C. Ryan, R. Jackson, A. King, R. Masching, C. Gabel*  
*Canada*

**TUPED299** **"You're suffering all these things and you keep going backwards and forwards": experiences of the menopause among women living with HIV in the United Kingdom**

*J. McGregor-Read, F. Pettitt, S. Petretti, F. Burns, R. Gilson, C. Sabin, S. Tariq*  
*United Kingdom*

**TUPED300** **Social network and supports among older gay and bisexual men: the impact of HIV**

*E. Seidel, M. Brennan-Ing, B. Larson, S. Karpiaik*  
*United States*

**TUPED301** **Differences in social support resources among older adults with HIV in South Africa and Uganda: findings from the Research on Older Adults with HIV (ROAH) Africa project**

*M. Brennan-Ing, K. Porter, J. Seeley, C. MacPhail, M. Kuteesa, L. Geddes, V. Minichiello, S. Karpiaik, F. Venter, J. Negin*  
*United States*

**TUPED302** **Long-term survivors: kicking AIDS Survivor Syndrome**

*H. Tessema, T. Anderson*  
*United States*

**TUPED303** **Intimate partner violence among older women with HIV**

*C. MacPhail, M. Brennan-Ing, K. Porter, V. Minichiello, S. Karpiaik, J. Negin, F. Venter*  
*Australia*

**TUPED304** **The health care experiences of adults aged 50 years and older living with HIV in Botswana**

*K. Matlho, R. Lebelonyane, T. Driscoll, J. Negin*  
*Australia*

**TUPED305** **Accessibility of elderly adults to HIV screening services in Cameroon**

*A. Rogers Awoh, A. Adedimeji*  
*Cameroon*

**TUPED306** **Research on older adults with HIV in Uganda research on older adults with HIV in Uganda: a feasibility study of a survey tool**

*W. Manyara, ROAH Uganda, University of Sydney, Kenya*

**TUPED307** **"Well, they just gave up": othering as part of the survival experience of older men with HIV in New York City**

*C. McCullagh, United States*

**TUPED308** **Telling it like it is: the multiple loss journey with a Spanish soul**

*S.E. Lopez Lopez, Y. Perrault, Canada*

**PED309-D312** **Prevention interventions and their effects on the lives and relationships of people living with HIV**

**TUPED309** **Gender inequalities influence HIV-serostatus disclosure: qualitative study among HIV-positive women and men reporting sero-discordant partnerships in Durban, South Africa**

*D. Bhatia, A. Harrison, L. Matthews, M. Kubeka, C. Milford, I. Wilson, C. Psaros, S. Safran, D. Bangsberg, J. Smit, United States*

**TUPED310** **#undetectable: HIV-positive. Not infectious**

*A. Lehner, Switzerland*

**TUPED311** **Strengthened sexual relationships through PrEP use by serodiscordant couples may stimulate demand for PrEP in sub-Saharan Africa: qualitative research from the Partners Demonstration project**

*E. Nakku-Joloba, T.R. Muwonge, M.A. Wyatt, E.T. Katabira, N.C. Ware, Uganda*

**TUPED312** **Reaching at hard-to-reach population: an effective mobilization of key population in Nepal**

*D. Joshi, N. Maharjan, Nepal*

**PED313-D321** **Sexual and reproductive health, fertility, family planning and abortion**

**TUPED313** **Upscaling sexual and reproductive health and rights (SRHR) among young people and adolescents**

*M. Khumalo, Zimbabwe*

**TUPED314** **Childbearing intentions and family planning uptake in HIV+ women on antiretroviral therapy (ART) in the postpartum period**

*C.A. Towriss, E.J. Abrams, T. Phillips, J.A. McIntyre, L. Myer, South Africa*

**TUPED315** **Contraceptive use among women living with HIV and AIDS receiving care at secondary and tertiary health facilities in Ibadan Nigeria**

*F.A. Adenuga, A.S. Bakarey, M.B. Titiloye, Women living with HIV and AIDS, Nigeria*

**TUPED316** **A comparison of sexual behavior among older adults with HIV from South Africa and Uganda: findings from the Research on Older Adults with HIV (ROAH) Africa project**

*M. Brennan-Ing, K. Porter, C. MacPhail, J. Seeley, V. Minichiello, S. Karpak, F. Venter, M. Kuteesa, L. Geddes, J. Negin*  
*United States*

**TUPED317** **Missed opportunities for sexual and reproductive health counseling following HIV diagnosis in KwaZulu-Natal, South Africa**

*A. Gandhi, N. Lince-Deroche, J. Mantell, S. Tariq, T. Exner, K. Blanchard, G. Ramjee, S. Hoffman*  
*United States*

**TUPED318** **Trends and predictors of live-birth and abortion rates among HIV-infected and -uninfected women enrolled in the women's interagency HIV study (WIHS): 1994-2012**

*L. Haddad, K. Wall, C.C. Mehta, E. Golub, L. Rahangdale, M.-C. Kempf, R. Karim, R. Wright, H. Minkoff, M. Cohen, S. Kassaye, D. Cohan, I. Ototokun, S.E. Cohn*  
*United States*

**TUPED319** **Public interest litigation to challenge the forced and/or coerced sterilization of women living with HIV**

*T. Saoyo*  
*Kenya*

**TUPED320** **Understanding contraceptive use and practices among female sex workers living with HIV in the Dominican Republic**

*D. Cernigliaro, C. Barrington, M. Perez, Y. Donastorg, D. Kerrigan*  
*United States*

**TUPED321** **Factors associated with the desire for future children among HIV-positive women and men in Malawi**

*J.W. Krashin, L.B. Haddad, H. Twanya, J. Chiwoko, W. Ng'ambi, B. Samala, T. Chawenza, J.H. Tang, M. Hosseinipour, S. Phiri*  
*United States*

**PED322** **HIV and the workplace: discrimination, unemployment, return to work and rehabilitation**

**TUPED322** **Processes of resilience among people living with HIV/AIDS seeking vocational rehabilitation: a qualitative approach**

*W. Gómez, A. Schustack, A.W. Carrico*  
*United States*

**PED323-  
D324** **Living with HIV and co-infections and/or co-morbidities**

**TUPED323** **Identifying TB-HIV co-infection: a community-led model for tuberculosis screening among PLHIV: experience from the Vihaan programme in India**

*M. Balani, V. Arumugam, R. Huidrom, S. Mehta, J. Robertson*  
*India*

**TUPED324** **Effectiveness of smoking cessation program for prisoners live with HIV/AIDS**

*E. Jalali, A. Hasani, A. Babaei*  
*Iran, Islamic Republic of*

**PED325-  
D338** **Conceptualizing social and structural factors and their impacts**

**TUPED325 Socio-cultural factors influencing adherence to antiretroviral therapy among HIV patients in a University Teaching Hospital in south-west Nigeria**

*O. Okunola, C.O. Muoghalu, A.I. Irinoye  
Nigeria*

**TUPED326 Conceptualizing “transactional sex” in sub-Saharan Africa: a review and synthesis of the literature**

*K. Stoebenau, L. Heise, J. Wamoyi, N. Bobrova  
Tanzania, United Republic of*

**TUPED327 Masculinity, internalized heterosexism, and other psychosocial health problems: toward a gendered model of HIV sexual risk processes in gay, bisexual, and other men who have sex with men**

*T.L. Brown, N.G. Smith, J. Cox  
Canada*

**TUPED328 The Panado problem: mediating health and HIV service provision in the commercial agricultural sector - a study of employer attitudes and practices in two districts in South Africa**

*N. Pillay, N. Coulson, C. du Preez  
South Africa*

**TUPED329 Technology-related predictors of social isolation among young Black MSM**

*L. Hightow-Weidman, S. LeGrand, K. Soni, H. Kirschke-Schwartz, S.K. Choi, K. Muessig  
United States*

**TUPED330 Youth and alcohol: using PhotoVoice participatory methods to understand the role of alcohol availability, promotion and affordability on young people's HIV risk and safety in South Africa**

*L. Letsela, R. Weiner, K. Fritz, STRIVE Alcohol Study Group  
South Africa*

**TUPED331 Experiences of police violence among behaviorally bisexual African American men and their female partners: the structural context of HIV**

*S. Mackenzie, M. Benjamin, J. Kalamka Johnson, M. Khan, S. MacGregor, E. Hailu  
United States*

**TUPED332 Safe Space and HIV: examining the relationship between the physical features of sex work venues, women's safety and condom use negotiation in two Mexico/U.S. border cities**

*B.S. West, E.E. Connors, C. Magis-Rodriguez, H. Staines-Orozco, G. Martinez, A. Roth, R. Fielding-Miller, K.C. Brouwer  
United States*

**TUPED334 "Moving from visible to virtual spaces" visibility, networking and mobility among men who have sex with men from Goa State: drawings from a pre-surveillance assessment**

*S. Deshpande, P. Kumar, N. Joglekar, C. Kadu, N. Dhingra, R. Gangakhedkar, S. Godbole  
India*

**TUPED335 Contexts Of vulnerability to HIV among elderly men who have sex with men in Asuncion, Paraguay: an exploratory study**

*M. Negrete  
Paraguay*

**TUPED336 The case for considering social venue-based interventions and risky groups integrated HIV prevention efforts**

*S. Babirye, S. Ssendagire, M. Nattimba, S. Kasasa, L. Atuyambe, S. Weir, F. Ssengooba  
Uganda*

**TUPED337** **Barriers to pre-exposure prophylaxis (PrEP) engagement for Black men who have sex with men in New York City: why prevention literacy matters**

*M.M. Philbin, R.G. Parker, C. Parker, J. Garcia, P.A. Wilson, J.S. Hirsch*  
United States

**TUPED338** **Research on social capital and HIV outcomes in the United States: results, challenges and future directions**

*Y. Ransome, L. Dean*  
United States

**PED339-D344** **Socio-economic differences: poverty, wealth and income inequalities**

**TUPED339** **Assessing household economic vulnerability in HIV-affected communities in five regions of Côte d'Ivoire**

*H.M. Burke, W. Moret, S. Field, M. Chen, Y. Zeng, F.M. Seka, M. Ferguson*  
South Africa

**TUPED340** **Data mining reveals disparities in HIV viral load suppression**

*D. Feller, B. Agins*  
United States

**TUPED341** **Social and economic barriers to care and treatment for Black men who have sex with men and women (BMSMW) who are living with HIV: lessons from the Bruthas cohort**

*E. Arnold, J. Weeks, M. Benjamin, L. Pollack, G. Lockett, D. Operario, S. Kegeles*  
United States

**TUPED343** **Long-term labour market attachment predicts key antiretroviral therapy outcomes among people who use illicit drugs in a setting of universal HIV health care coverage**

*L. Richardson, T. Kerr, J. Montaner, E. Wood, M.-J. Milloy*  
Canada

**TUPED344** **Food insecurity is associated with internalized stigma among women with HIV in the United States**

*K. Palar, E.A. Frongillo, J. Escobar, L. Sheira, P. Tien, T. Wilson, A.A. Adedimeji, D. Merenstein, M. Cohen, E. Waddell, J. Turan, S.D. Weiser, Women's Interagency HIV Study*  
United States

**PED345-D349** **Dynamics of social status and power: gender, age, ethnicity and disability**

**TUPED345** **"These men of ours have such fragile hearts": anthropological perspectives on gender differences in treatment outcomes in a large-scale, public-sector HAART rollout program in Namibia**

*M. Callaghan*  
Canada

**TUPED346** **Male involvement as a link to prevention of mother to child transmission (PMTCT) of HIV in Abia state Nigeria**

*K. Igbojionu, E. Igbojionu, E. Okey-Uchendu*  
Nigeria

**TUPED347** **Understanding the social barriers to HIV service utilisation among older people in Botswana**

*K. Matlho, R. Lebelonyane, T. Driscoll, J. Negin*  
Australia

**TUPED348** **A study of factors affecting male involvement in HIV-related services in Malawi**

*B. Matatiyo, D. Likongwe*  
Malawi

**TUPED349** **Black and Quilombolas high school students vulnerability to HIV/AIDS: sexual violence, community stigmatization and lack of access to prevention programs should be mitigated**

*V.N. Silva, M.C. Antunes, R. Casco, G. Tagliamento, E. Merchan-Hamann, V.S.F. Paiva Brazil*

**PED350** **Economic transitions and social and cultural change**

**TUPED350** **Participation in economic strengthening (ES) intervention and health related quality of life (HRQoL) among food insecure people living with HIV (PLHIV) in Ethiopia**

*T. Bezabih, M.-S. Menbere  
WFP*

**PED351** **Economic and social dynamics and impacts of intergenerational and/or transactional sex**

**TUPED351** **Increasing access to HIV services for young vulnerable female workers through their trade unions: the case of the hair and beauty trade union in Kenya**

*D. Muhika, H.M. Amakobe, R. Ameur, S. Mabhele  
Kenya*

**PED352-D360** **Violence and conflict: political, social, structural, interpersonal and family-based**

**TUPED352** **Prevalence of intimate partner violence and physical and mental health outcomes of women living with HIV in an urban clinic setting**

*J. Anderson, N. Glass, J. Farley, J. Campbell  
United States*

**TUPED353** **Estimating the causal effect of intimate partner violence on condom use: an application of marginal structural models to cohort data from Rakai, Uganda**

*L. Maxwell, H. Brahmbhatt, A. Ndyanabo, J. Wagman, G. Nakigozi, F. Nalugoda, D. Serwadda, A. Nandi  
Uganda*

**TUPED354** **Detecting, preventing and responding to physical, sexual and emotional abuse and neglect through the HIV continuum of care**

*S. Chevrel, S. Long, K. Weinhauer, A. Beeler, A. Clark  
United States*

**TUPED355** **Violence, economically motivated sex, and self-reported STI among adult men in five countries: population-based survey findings from the UN multi-country study of men and violence in Asia and the Pacific**

*K. Dunkle, E. Chirwa, R. Jewkes  
South Africa*

**TUPED356** **Analysing the effects of relationship level factors and perceived gender attitudes among female sex workers on experience of intimate partner violence in north Karnataka, South India**

*P. Javalkar, R. Prakash, S. Isac, T. Beattie, R. Thalinja, M. Columbian, L. Heise, P. Bhattacharjee  
India*

**TUPED357** **Social network cohesion amplifies the effect of network gender norms on men's perpetration of intimate partner violence in Dar es Salaam, Tanzania**

*M. Mulawa, H.L. McNaughton Reyes, L. Kajula, S. Maman  
United States*

**TUPED358      Understanding and addressing violence among key populations to offer effective HIV programming**

*R. Dayton, A. Olawo, G. Morales, T. Miller, J. Walimbwa, A. Gikari, J. Ngugi, M. Odhiambo, L. Dalziel, L. Nthei*  
*United States*

**TUPED359      HIV-risk behaviors of men who perpetrate intimate-partner violence in Rakai, Uganda**

*M. Mullinax, X. Song, S. Grilo, J. Wagman, S. Mathur, T. Lutalo, J. Santelli*  
*United States*

**TUPED360      Interventions in the private: intimate partner violence and reducing vulnerabilities**

*D. Bhattacharya, S. Karkal*  
*India*

**PED362-D367      Sexuality and gender-based violence and exploitation, including in conflict settings**

**TUPED362      High reports of violence in adulthood among women living with HIV in Canada and affiliated risk factors**

*C. Logie, E. Ding, A. de Pokomandy, P. O'Campo, N. O'Brien, S. Greene, W. Tharao, S. Jabbari, A. Carter, K. Proulx-Boucher, A. Carlson, S.Y. Yin, M. Desbiens, K. Webster, D. Dubuc, P. Sereda, G. Colley, R. Hogg, A. Kaida, A. Lacombe-Duncan, M. Loufty, CHIWOS Research Team*  
*Canada*

**TUPED363      Nuh Guh Deh! (Don't Go There): end sex with the girl child/end HIV among adolescent girls in Jamaica**

*P. Watson, N. Condell*  
*Jamaica*

**TUPED364      Exploitative sex work among MSM and transgender women in South Asia: vulnerability to sexual abuse and HIV**

*P. Prabhughate, P. Dhall, J. Varghese, R. Verma*  
*India*

**TUPED365      Sexual violence and rape in Rustenburg, South Africa: implications for service provision and prevention**

*A. Shroufi, S.J. Steele, K. Phillips, A. Mews, J. Hill, P. Mazuru, A. Luczynska, K. Duncan, G. Van Cutsem*  
*South Africa*

**TUPED366      Associations between adolescent experiences of violence in Malawi and gender-based violent attitudes and behaviours**

*V. Ameli, B. Ushie, F. Meinck, A. Munhalil, L. Langhaug*  
*United Kingdom*

**TUPED367      Interpersonal and structural factors of non-condom use with intimate partners among sex workers in conflict-affected northern Uganda**

*A. Ferguson, J. Birungi, M. Akello, P. Duff, P. Nguyen, G. Muzaaya, K. Shannon*  
*Canada*

**PED368      Media, cultural and religious representations of HIV and AIDS**

**TUPED368      The news media discourse surrounding HIV in the U.S. deep south: negativity, fear of contagion, and ostracization**

*M.V. Dabbah, E. Klukas, A. Dabbah*  
*United States*

**PED369-D638      Experiences and impacts of HIV-related stigma**

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TUPED369 **'We don't want to be noticed collecting drugs': the effects of stigma and discrimination on adherence to medication amongst people living with HIV in Tiv Land, north central Nigeria**

*G.A. Timiun, T. Scrase*

*Nigeria*

TUPED370 **The predictive power of stigma on substance use and sexual risk behaviors among people living with HIV/AIDS in Southwest China**

*Y. Zhou, C. Zhang, X. Li, Y. Liu, S. Qiao, Z. Shen, Y. Chen*

*United States*

TUPED371 **Resolved and unresolved issues among people living with HIV in Japan after 10 years of advancement in medical environment: results from nationwide multicenter surveys from 2003 to 2013**

*T. Ohtsuki, C. Wakabayashi, Y. Ikushima, M. Yamaguchi, M. Tarui, Research on Support for PLHIV and DU in Regional Communities*

*Japan*

TUPED372 **Creating contextualized films through community engagement to address HIV-stigma in western Kenya**

*C.T. Lewis, J. Dickerson-Putman, C. McAtee, J. Aluoch, E. Ngare, C. Odhiambo, W. Nyandiko, R. Vreeman*

*United States*

TUPED373 **Stigma in the age of undetectability**

*L. Thorley, A. Hudson*

*United Kingdom*

TUPED374 **«To die from people's gaze»: trajectories of women living with HIV in Switzerland**

*V. Fargnoli*

*Switzerland*

TUPED375 **Dimensionality of disclosure of HIV status among postpartum women on antiretroviral therapy in Cape Town, South Africa**

*J. Hunter-Adams, A. Zerbe, T. Philips, Z. Rini, K. Brittain, L. Myer, G. Petro, E. Abrams*

*South Africa*

TUPED376 **Changes in HIV-related stigma in eastern African communities after introduction of a large HIV "test and treat" intervention**

*C.S. Camlin, M. Getahun, K. Kadede, J. Kabami, E. Ssemmondo, T. Clark, M. Petersen, C.R. Cohen, E.A. Bukusi, M. Kamya, D. Havlir, E. Charlebois*

*United States*

TUPED377 **"How can I tell?": consequences of HIV status disclosure among couples in eastern Africa in the context of an ongoing HIV 'test and treat' trial**

*I. Maeri, A. El Ayadi, M. Getahun, E. Charlebois, C. Akatukwasa, D. Tumwebaze, H. Itiakorit, L. Owino, D. Kwarisiima, E. Ssemmondo, N. Sang, J. Kabami, T. Clark, M. Petersen, C.R. Cohen, E.A. Bukusi, M. Kamya, D. Havlir, C.S. Camlin*

*Kenya*

TUPED378 **Experiences of stigma against participants in a network intervention to reduce HIV transmission from recently infected people in Athens, Greece and Odessa, Ukraine**

*L.D. Williams, S.R. Friedman, J. Schneider, E.-G. Kostaki, E. Morgan, M. Psichogiou, D. Paraskevis, A. Hatzakis, E. Pavlina, B. Skaathun, A. Korobchuk, S. Muth, G. Nikolopoulos, Transmission Reduction Intervention Project Collaboration Group*

*United States*

TUPED379	<b>Community saving schemes: a sustainable empowerment mechanism for people living with HIV in Mityana district, Uganda</b> <i>S. Nganda</i> Uganda
TUPED638	<b>Psychosocial management of internalised HIV stigma, in the low prevalence context of Turkey</b> <i>P. Oktem</i> Turkey
<b>PED380-D407</b>	<b>Stigma and discrimination in specific settings, including family, community, work place, education and healthcare settings</b>
TUPED380	<b>The social construction of HIV stigma and sexual health seeking behaviour among black sub-Saharan African (BSSA) communities in the English city of Birmingham</b> <i>M. Nyashanu, L. Serrant, H. Paniagua</i> United Kingdom
TUPED381	<b>Stigma and discrimination in HIV testing services: exploring experiences of young transgender women and men who have sex with men in Kingston, Jamaica</b> <i>C. Logie, N. Jones, K. Levermore, N. Brien, N. Lee-Foon, S. Tepian</i> Canada
TUPED382	<b>The long road to life insurance</b> <i>C. Suter</i> Switzerland
TUPED383	<b>Discrimination in healthcare settings against PLHIV in Myanmar</b> <i>T. Htoon, M.S. Tun, Myanmar Positive Group</i> Myanmar
TUPED385	<b>A grounded theory study of HIV-related stigma in US-based healthcare institutions</b> <i>M. Davtyan, C. Lu, L. Spencer, T. Frederick, B. Brown</i> United States
TUPED386	<b>Community response to HIV-related stigma among healthcare providers in Ukraine: All-Ukrainian Network model</b> <i>D. Dmytryev, O. Bryzhovata, O. Vynogradova, O. Gvozdetska</i> Ukraine
TUPED387	<b>Addressing stigma and discrimination in the United Nations workplace</b> <i>X. Orellana, D.O. Maina</i> UNFPA
TUPED388	<b>Healthcare worker reflections on the relationship between health facility space and HIV stigma in 21 South African and Zambian facilities: the elephant in the room of HIV service delivery?</b> <i>V. Bond, S. Nomsenge, L. Viljoen, M. Simuyaba, H. Mathema, T. Mainga, A. Stangl, J. Hargreaves, J. Seeley, G. Hoddinott, HPTN 071 (PopART) Study Team</i> Zambia
TUPED389	<b>Health care worker attitudes and behaviours towards key populations in South Africa and Zambia: a cross-country analysis within the HPTN 071 (PopART) trial</b> <i>S. Krishnaratne, H. Mathema, A. Stangl, G. Hoddinott, V. Bond, J. Hargreaves</i> United Kingdom

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TUPED391 **Classification of refusals to provide care experienced by PLHIV: a proposal stemming from a community-based situation testing survey, April 2015**

*C. Douay, D. Rojas Castro, S. Benayoun, A. Henry, F. Barbier, G. Quatremère, T. Brigand, F. Pilorgé, L. Pallot, A. Romby, L. Feldmann, A. Toullier*  
France

TUPED392 **HIV-related stigma among Spanish-speaking Latinos in an emerging immigrant receiving city in the United States**

*S. Dolwick-Grieb, H. Shah, A. Flores-Miller, C. Zelaya, K. Page*  
United States

TUPED393 **The human rights and HIV/AIDS program: a community-based program to protect the rights of people living with HIV (PLHIV)**

*L. Liz*  
Canada

TUPED394 **My health, my rights: successfully changing a hostile legal and HIV environment for transgender women and effeminate gay men in Puebla, Aguascalientes and Mexico City Metropolitan area**

*J.J. Hernandez Chavez, O. Vasquez Chavez, J. Elizalde Peña, P.D.L.C. Suárez Hernandez, C. Cruz Camacho*  
Mexico

TUPED395 **Stigma and discrimination experiences in health care settings more evident among transgender people than males having sex with males (MSM) in Indonesia, Malaysia, Philippines and Timor Leste: key results**

*R.N. Cortes, L.B. Norella, M.C. Ignacio*  
Philippines

TUPED396 **HIV and sexuality related multiple stigma and loss of social support experienced by Hijra persons in Mumbai, India**

*A. Dange, S. Mengle Rawat, S. Banik, A. Shrivastav, D. Baruah, B. Horton, V. Anand*  
India

TUPED397 **Stigma and discrimination faced by people living with HIV/AIDS at health care settings**

*N. Goel, R. Rana, S. Mondal, R. Pathak, P. Joshi*  
India

TUPED398 **Advancing labour rights of persons living with HIV in Argentina**

*M.P. Renz, R. Cavallo, L. Lenzi, M.C. Trejo, I. Maglio, M. Lucas Gomez, K. Frieder, L. Cahn*  
Argentina

TUPED399 **HIV-related stigma and discrimination in healthcare: findings from the STIGMASurveyUK 2015**

*W. Crenna-Jennings, I. Lut, D. Asboe, L. Benton, M. Hibbert, J. Jefferies, K. Peter, C. Kunda, R. Mbewe, S. Morris, J. Morton, M. Nelson, S. Okala, H. Paterson, I. Reeves, M. Ross, L. Sharp, W. Sseruma, L. Thorley, G. Valiotis, A. Wolton, A. Hudson, V. Delpech*  
United Kingdom

TUPED400 **Measuring stigma and discrimination among people living with and affected by HIV in central Uganda**

*S. Kentutsi*  
Uganda

TUPED401 **HIV-related stigma within GP practices in the UK: findings from the STIGMASurveyUK 2015**

*I. Lut, W. Crenna-Jennings, D. Asboe, L. Benton, M. Hibbert, J. Jefferies, P. Kirwan, C. Kunda, R. Mbewe, S. Morris, J. Morton, M. Nelson, S. Okala, H. Paterson, I. Reeves, M. Ross, L. Sharp, W. Sseruma, L. Thorley, G. Valiotis, A. Wolton, A. Hudson, V. Delpech*  
United Kingdom

TUPED402 **Hard time and success: thoughts on Xiao Feng's case and PLHIV access to medical service in China**

*S. Dong*  
China

TUPED403 **Knowledge, attitudes and behaviors towards self stigma and discrimination associated with MSM in Karachi, Pakistan**

*A. William*  
Pakistan

TUPED404 **Role of primary medical care in HIV response in Ukraine: investments in post-graduate education of family doctors**

*O. Bryzhovata, V. Polyshchuk, O. Gvizdetska*  
Ukraine

TUPED405 **HIV-related stigma and discrimination in rural communities in Kenya: experiences of women living with HIV and community health volunteers**

*W. Liambila, B. Mdawida, C. Warren, J. Aparna, L. Reichenbach*  
Kenya

TUPED406 **The less than good quality of life of transgender people in Brazil: results from the Muriel project**

*M.A. Veras, G. Saggesse, J.L. Gomez, S. Mcarthy, A. Cezareto, M. Giovanetti, H. Hanada, D. Barros, R. Martins, J. Kraiczyk, L.F. Deus, C. Barros, Muriel Study Group*  
Brazil

TUPED407 **Pain and non-adherence to ART are associated with perceived discrimination by health care providers among racial minority persons who formerly or currently use drugs**

*A. Knowlton, M. Mitchell, C. Rushton, J. Keruly, T. Smith, N. Hutton, L. Wissow, M.C. Beach*  
United States

**PED408 Representations of stigma: social attitudes, media and public debate**

TUPED408 **No tolerance for tolerance: constitutional challenge to Jamaican TV stations' refusal to air advertisement calling for LGBT rights**

*M. Tomlinson, A. Gifford, A. Gray, R. Elliott, D. Stollery*  
Canada

**PED409-D419 Legal protection of people living with HIV and key populations**

TUPED409 **Being strategic about strategic litigation: using strategic litigation to advance public health outcomes**

*T. Ezer, P. Patel*  
United States

TUPED410 **Justice programs for public health: lessons and good practices**

*T. Ezer, E. Kamonyo, A. Maleche, R. Quinn, N. Burke-Shyne*  
United States

**TUPED411 Legal environment assessments: a tool to generate evidence for law, policy and strategy review and reform in Africa**

*A. Saha, C. Grant, M. Getahun, T. Sellers  
UNDP*

**TUPED412 Peer to peer learning on preventing anti-homosexuality bills: the DR Congo and Burkina Faso case study**

*G. Biock, B. Miligo, A. Saha, T. Sellers  
UNDP*

**TUPED413 Health impacts of unmet legal needs for low-income women living with HIV**

*R.B. Sears, A. Miyashita, A. Hasenbush  
United States*

**TUPED414 Strengthening the HIV-related legal and policy environment for key populations in the Democratic Republic of the Congo: a case study**

*L. Ferguson, A. Saha, G. Biock, S. Tamundele, T. Sellers, S. Gruskin  
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**TUPED415 Legal services: essential to national responses, yes, but what about quality and coverage?**

*D. Patterson, A.E.R. Abu El Ela, A. Brito, N. Riahi, O. Perez, A. Shehata, N. Meite, G. Zevi, M. Salah  
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**TUPED416 Labour inspection in entertainment establishments protect entertainment workers in Cambodia**

*C. Por, A. Torriente, R. Howard, R. Ameur, M. Licata, S. Mabhele  
ILO*

**TUPED417 Integration of legal aid services in palliative care (PC): experience of using community paralegals to protect rights of palliative care patients**

*C.A. Nanyanzi  
Uganda*

**TUPED419 The fight against stigma and discrimination is not over: 53 countries still have HIV-specific entry and residence regulations for people with HIV**

*P. Wiessner  
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**PED420-D427 Social and political advocacy and mobilization**

**TUPED420 An investigation into the functionality of the provincial, district and local AIDS councils in Limpopo Province, South Africa**

*T.P. Mona, M.C. Raphahlelo, D.D. Segooa, R. Letsolo, M. Ramufhi, M.R. Mugivhi, M. Chuma, N. Maja  
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**TUPED421 Leaving no one behind: amplifying visions, voices and priorities of young men who have sex with men living with HIV (MSM+) in Kisumu County, Kenya**

*K. Olang'o  
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**TUPED422 The "Drug Stock-Out Kills! Stop it" campaign: coalition, data and diplomacy drive results in Uganda**

*M. Dombo, K. Kade, D. Agaba, H. Naluyiga, S. Kentusi, S. Atim  
Uganda*

**TUPED423** **Prevention literacy: community-based advocacy for access and ownership of the HIV prevention toolkit**

*R. Parker, A. Perez-Brumer, J. Garcia, K. Gavigan, A. Ramirez, J. Milnor, V. Terto Jr.*  
United States

**TUPED424** **Assessment of client's satisfaction with public services: hearing communities' voices**

*D. Dmytryev, I. Khryschuk, O. Bryzhovata, O. Vynogradova, T. Bryzhovaty, O. Gvozdetska*  
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**TUPED425** **Where are the men? Addressing the global blind spot around heterosexual men in the HIV pandemic**

*L. Pascoe, D. Peacock*  
South Africa

**TUPED426** **Regional concept notes: lessons from the first window of Global Fund submissions**

*K. Richardson, C. Baran, S. Mellors*  
Canada

**TUPED427** **Delivering HIV-related community, structural and service development interventions for men who have sex with men in Kenya, Tanzania, Uganda and Zimbabwe: an appraisal of the SHARP programme**

*A. Bourne, E. Fearon, W. Nutland, C. Dorval Deffarary, G. Reid*  
United Kingdom

**PED428-D430** **Couples- or family-centred approaches**

**TUPED428** **Family centered approaches: reaching spouses, couples and families from the workplace**

*E. Mazioba-Tapfuma, J. Viner*  
Zimbabwe

**TUPED429** **Acceptability of woman-delivered HIV self-testing to the male partner: a qualitative study of antenatal clinic-linked participants in Blantyre, Malawi**

*A.T. Choko, M. Kumwenda, K. Fielding, E. Corbett, J. Chikovore, N. Desmond*  
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**TUPED430** **Preparing and supporting caregivers in the HIV disclosure process to infected children and adolescents: lessons from the YËGËL pilot intervention in Senegal**

*F. Hejoaka, M.L.I. Souane, E.H. Diom, N. Mbaye, A. Diack Mbaye, C. Cames, A. Fall, H. Sy Signate, N. Lachina, A. Diop*  
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**PED431** **Comprehensive services for the prevention of vertical transmission, including early childhood development, child care and nutrition support**

**TUPED431** **Effectiveness of a prevention of mother to child transmission program at Bharatpur Hospital, Chitwan, Nepal**

*U. Shrestha*  
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**PED432-D434** **Incentives, micro-finance and other economic support**

**TUPED432** **The promise of behavioral economics for HIV/AIDS treatment and care**

*R. Buzdugan, S. Bautista-Arredondo, S. McCoy*  
United States

**TUPED434** **Motivating adolescents to take positive responsibility for their lives: lessons learned from implementing a conditional cash-transfer intervention in three countries in southern Africa**

*S.B. Ndlovu, J. Norins*

South Africa

**PED435-D436** **Safe housing, social protection and other care and support for those affected by HIV**

**TUPED435** **Housing is health: evidence of the impact of housing on HIV health outcomes from a harm reduction housing program**

*E. Bowen, J. Canfield, S. Moore, C. Rademacher, M. Hines, B. Hartke*

United States

**TUPED436** **Hits and misses of social protection: findings of a HIV-sensitivity comparative analysis of government and CSO social protection interventions in Kenya**

*A.J. Bwonderi*

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**PED437-D438** **Development and poverty alleviation**

**TUPED437** **Finding the leader within: experience at the Botswana-Baylor Children's Clinical Centre of Excellence (COE)**

*M. Matshaba, M. Mosweunyane, G. Karugaba, G. Anabwani*

Botswana

**TUPED438** **Common threads: a peer-led integrated prevention, trauma-informed and vocational development training for women living with HIV**

*V. Johnson, L. Scruggs*

United States

**PED439-D445** **Tackling stigma and stigma reduction interventions**

**TUPED439** **"Things people say:" enhanced stigma reduction training reduces HIV-related stigma among healthcare providers providing services to young people affected by HIV in Bangladesh**

*S. Geibel, S. Hossain, J. Pulerwitz, N. Sultana, T. Hossain, B. Friedland, B. Zieman, R. Yasmin, N. Sadiq, L. Stackpool-Moore, E. Yam*

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**TUPED440** **Moving towards a stigma-free Louisiana: a holistic approach to addressing layered stigma and discrimination to enhance access to HIV/STI services in the southern United States**

*R. Brewer, C. Daunis, S. Mukherjee, S. Chrestman, G. Brown, M. Smith, D. Ferrell, G. Payne, M. Theberge, J. Holmes, K. Perry, N. Fanwick, M. Wright, D. Wendell*

United States

**TUPED441** **An HIV stigma reduction intervention for African American women: preliminary results from the UNITY workshop trial**

*D. Rao, D. Huh, S.E. Cohn, J. Turan, K. McCotter, M. Mugavero, J. Simoni*

United States

**TUPED442** **Addressing the intersectional issues of HIV and AIDS through capacity development of academics and curriculum**

*M. Pillay, P. Brouard*

South Africa

**TUPED443** **Feasibility, acceptability, preliminary efficacy of a stigma management intervention for Spanish-speaking HIV-positive gay, bisexual and other men who have sex with men**

*C.F. Rodriguez-Diaz, E.J. Ortiz-Sanchez, R.L. Vargas-Molina, G.G. Jovet-Toledo, V.C. Gonzalez-Seda, E.I. Santiago-Rodriguez*  
Puerto Rico

**TUPED444** **What works to prevent and respond to violence for female sex workers (FSW), men who have sex with men (MSM) and people who inject drugs (PWID): a systematic review**

*M. Decker, C. Lyons, G. Fouada, I. Njindam, S. Kurani, J. Hatcher, S. Baral*  
United States

**TUPED445** **A participatory theatre intervention pilot study to reduce stigma towards lesbian, gay, bisexual and transgender (LGBT) people in Swaziland and Lesotho**

*C. Logie, R.K. MacKenzie, L. Dias, J. Jenkinson, V. Madau, S. Sibya, A. Ranotsi, T. Mothopeng, W. Nhlelengethwa, S. Baral, P.A. Newman*  
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**PED446-D448** **Traditional and complementary approaches**

**TUPED446** **Beyond the workplace: upscaling through supply chain and mentorship**

*E. Mazioba-Tapfuma, J. Viner*  
Zimbabwe

**TUPED447** **Complementary and integrative health (CIH) use in older adults with HIV**

*K. Porter, M. Brennan-Ing*  
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**TUPED448** **The role of Indigenous knowledge in HIV communication, prevention, treatment, care and support in Malawi**

*B. Matatiyo, D. Kalomba, C. Mablekisi, C. Teleka, A. Muula*  
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**PED637** **Adherence to antiretroviral therapy, including when used as prevention or for chemoprophylaxis**

**TUPED637** **Barriers to antiretroviral treatment adherence in HIV-infected long-term treated adolescents and adults in Uganda**

*S. Chekata Inzaule, R. Hamers, C. Kityo, T.F. Rinke de Wit, M. Roura*  
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