

**Waimar Tun, MHS, PhD**  
4301 Connecticut Avenue, Suite 280 • Washington, DC 20008  
(202) 237-9412 (O)  
[wtun@popcouncil.org](mailto:wtun@popcouncil.org)

### **AREAS OF SPECIALIZATION**

- HIV & Sexually Transmitted Infections (STI)
- Bio-behavioral surveillance and research
- Program monitoring and evaluation
- Operations research
- Quantitative and qualitative research
- Key populations at risk for HIV and STIs

### **COUNTRY EXPERIENCE**

Bangladesh, Brazil, India, Kenya, Nigeria, Paraguay, Russia, South Africa, Thailand, and Zambia.

### **EDUCATION**

**Johns Hopkins School of Public Health (SPH)**, Baltimore, MD.

Ph.D. (Epidemiology) – May 2002

M.H.S (Epidemiology) – May 1999

Ph.D. Dissertation: HIV-related Risk Behaviors and Attitudes Towards HIV Treatment in the Era of Highly Active Antiretroviral Therapies Among Injection Drug Users.

**Oxford University**, Somerville College, England. Sept. 1991 – June 1992.

**Haverford College**, Haverford, PA - B.A. (Mathematics). May 1993.

### **PROFESSIONAL EXPERIENCE**

**Associate II**. Population Council. Washington, DC, January 2006 – present.

- Implement operations research and surveillance activities on HIV/AIDS with a focus on prevention interventions and vulnerable and marginalized populations, including persons with disabilities, drug users, sex workers, and men who have sex with men (MSM).
- Design, monitor, conduct analyses, write, and disseminate results from HIV/AIDS operations research projects in collaboration with local partners.
- Write proposals for funding for HIV-related research to various donors (i.e., NIH, CDC, USAID, DFID, amfAR).
- Implemented population-based surveys using respondent-driven sampling of drug users, MSM and sex workers (in India, Kenya, Nigeria, South Africa, Russia, Paraguay and Brazil); Designed research protocol, analyzed data, wrote report, and disseminated findings to National AIDS Control Organization.
- Developed and implemented an intervention study on increasing the capacity of faith-based organizations to deliver HIV prevention programs in South Africa.

**Senior Technical Officer**. Family Health International. Evaluation, Surveillance, and Research Division, Arlington, VA, October 2004 – December 2005.

- Provided technical assistance to country programs and institutions in designing, developing, and implementing monitoring and evaluation plans for HIV/AIDS programs.
- Designed and implemented behavioral surveillance surveys and program evaluation, including development of sampling strategies (including Respondent-Driven Sampling), data analysis, and report writing.
- Designed strategies and tools for monitoring and evaluating HIV/AIDS programs.

- Conducted training in monitoring and evaluation of HIV/AIDS programs and behavioral surveillance surveys.
- Prepared reports and manuscripts summarizing results from surveys and evaluations.

**Epidemic Intelligence Service Officer.** Centers for Disease Control and Prevention (CDC). Division of STD Prevention, Health Services Research & Evaluation Branch, Atlanta, GA, July 2002 – Sept 2004.

- Assessed quality of health services in government-funded STD clinics in Orel, Russia, in collaboration with USAID/Moscow and the Russian Ministry of Health; Developed recommendations for improvement of STD services in Orel region.
- Evaluated the acceptance of patient-delivered therapy for syphilis among men who have sex with men in San Francisco (SF); Delivered findings and recommendations for program improvement to the SF Department of Health.
- Designed protocol and conducted analysis to estimate the incidence of gonorrhea in privately-insured persons in the U.S. using a large medical claims database (MarketScan<sup>®</sup>).
- Analyzed provider survey data to determine adherence to CDC STD treatment guidelines among clinicians in private practice.
- Assisted in case-control study to determine factors associated with West Nile Virus infection among residents in Mississippi.
- Participated in surveillance activities in response to Severe Acute Respiratory Syndrome (SARS) outbreak in CDC's Emergency Operations Center.

**NIH National Research Service Award, Individual Fellowship.** Johns Hopkins School of Public Health, Baltimore, MD, April 2000 – May 2002.

- Developed dissertation research project and wrote proposal to investigate changes in sexual and drug injection behavior in the era of highly active antiretroviral therapy (HAART) among injection drug users (IDUs) in Baltimore, MD.
- Developed questionnaire on attitudes/perceptions of IDUs on HIV treatment to be administered in a cohort study of IDUs in Baltimore, MD.
- Developed a scale to measure IDUs' attitudes toward HIV treatments in the HAART era.
- Conducted survival analysis and factor analysis using SAS and STATA statistical programs.

### **HONORS, AWARDS & ACTIVITIES**

Present – Journal Reviewer (*JAIDS, Sexually Transmitted Infections*)

Present – International AIDS Society, Member

2005 – U.S. Public Health Service, Outstanding Unit Citation

2002 - Delta Omega Honor Society

1999-2002- Nat'l Research Service Award, Individual Fellowship, National Institute of Mental Health

1997 - 2002 - Open Society Institute Scholarship, Soros Foundation

1999 - Fogarty New and Minority Investigator Award

1993 - Samuel Huntington Service Award

### **LANGUAGES, TRAINING & CERTIFICATIONS**

Burmese – Proficient.

French – Beginner/Basic.

Epidemic Intelligence Service Surveillance Course, November 2002.  
Evaluation Courses, CDC (September 2003), American Evaluation Association (November 2003).  
Commissioned Corps Basic Officer Training Course, November 2002.  
Prevention Effectiveness (Economic Analysis) Course, October 2002.  
Bioterrorism Response and Preparedness Training, August 2002.

### STATISTICAL SOFTWARE SKILLS

SAS, STATA, RDS Analysis Tool, Epi Info

### PUBLICATIONS

#### Papers

**W Tun**, L Vu, S B Adebajo, L Abiodun, M Sheehy, A Karlyn, J Njab, B Ahonsi, B K Issa, and O Idogho. Population-based prevalence of hepatitis B and C virus, HIV, syphilis, gonorrhoea and chlamydia in male injection drug users in Lagos, Nigeria. *Int J STD AIDS*. 2013 Jul [Epub ahead of print]

Vu L, Andrinopoulos K, **Tun W**, Adebajo S. High levels of unprotected anal intercourse and never testing for HIV among men who have sex with men in Nigeria: evidence from a cross-sectional survey for the need for innovative approaches to HIV prevention. *Sex Transm Infect*. 2013 Jul 12. [Epub ahead of print]

Okal J, Geibel S, Muraguri N, Musyoki H, **Tun W**, Broz D, Kuria D, Kim A, Oluoch T, Raymond HF. Estimates of the size of key populations at risk for HIV infection: men who have sex with men, female sex workers and injecting drug users in Nairobi, Kenya. *Sex Transm Infect*. 2013 Jun 11. [Epub ahead of print]

Sheehy M, Tun W, Vu L, Adebajo S, Obianwu O, Karlyn A. High levels of bisexual behavior and factors associated with bisexual behavior among men having sex with men (MSM) in Nigeria. *AIDS Care*. 2013 Jun 6. [Epub ahead of print]

Vu L, Adebajo S, **Tun W**, Sheehy M, Karlyn A, Njab J, Azeez A, Ahonsi B. High HIV Prevalence among Men who Have Sex with Men in Nigeria: Implications for Combination Prevention. *J Acquir Immune Defic Syndr*. 2013 Feb 12.

Sarna A, **Tun W**, Sharma V, Sebastian M, Madan I, Yadav A, Sheehy M, Lewis D, Thior I. High Uptake of HIV Testing in a Cohort of Male Injection Drug Users in Delhi, India: Prevalence and Correlates of HIV Infection. *AIDS Behav*. 2013 Mar 10.

Sarna A, Friedland BA, Srikrishnan AK, Katzen LL, **Tun W**, Abbott SA, Rawiel U, Kelly CA, Shalini CS, Solomon S, Mensch BS. Sexually transmitted infections and reproductive health morbidity in a cohort of female sex workers screened for a microbicide feasibility study in Nellore, India. *Glob J Health Sci*. 2013 Feb 24;5(3):139-49.

Mensch BS, Friedland BA, Abbott SA, Katzen LL, **Tun W**, Kelly CA, Sarna A, Srikrishnan AK, and Solomon S. Characteristics of Female Sex Workers in Southern India Willing and Unwilling to Participate in a Placebo Gel Trial. *AIDS Behav*. 2013 Feb;17(2):585-97.

Abbott SA, Friedland BA, Sarna A, Katzen LL, Rawiel U, Srikrishnan AK, Shalini CS, **Tun W**, Kelly CA, Solomon S, Mensch BS. An Evaluation of Methods to Improve the Reporting of Adherence in a Placebo Gel Trial in Andhra Pradesh, India. *AIDS Behav*. 2013 Jan 9.

A Sarna, **W Tun**, A Bhattacharya, D Lewis, YS Singh, L Apicella. 2012. Assessment of unsafe injection practices and sexual behaviours among male injecting drug users in two urban cities of India using respondent driven sampling. *Southeast Asian Journal of Tropical Medicine and Public Health* 43(3).

Geibel S, **Tun W**, Tapsoba P, Kellerman S. HIV Vulnerability of Men Who Have Sex With Men in Developing Countries: The Horizons Studies 2001–2008. *Pub Hlth Reports* 2009; 125(2).

**Tun W**, de Mello M, Pinho A, Chinaglia M, Diaz J. Sexual risk behaviours and HIV seroprevalence among male sex workers who have sex with men and non-sex workers in Campinas, Brazil. *Sex Transm Infect* 2008; 84(6):455-457.

Geibel S, Luchters S, King'ola N, Esu-Williams E, Rinyiru A, **Tun W**. Factors associated with self-reported unprotected anal sex among male sex workers in Mombasa, Kenya. *Sexually Trans Dis.* 2008; 35(8):746-752.

Stormer A, **Tun W**, Guli L, Harxhin A, Bodanovskaia Z, Yakovleva A, Rusakova M, Levina O, Bani R, Rjepaj K, Bino S. An Analysis of HIV-Related Risk Behaviors of Injection Drug Users (IDU) Using Respondent Driven Sampling in Albania and the Russian Federation. *J Urban Health* Oct 2006.

**Tun W**, Stiffman M, Magid D, Lyons E, Irwin K. Evaluation of clinician-reported adherence to Centers for Disease Control and Prevention (CDC) guidelines for the treatment of Chlamydia trachomatis in two U.S. health plans Sexually Transmitted Diseases. *Sexually Trans Dis* Apr 2006; 33(4):235-243.

Shih S, Scholle S, Irwin K, Tao G, Walsh C, **Tun W**. Chlamydia Screening Among Sexually Active Young Female Enrollees of Health Plans -- United States, 1999-2001. *MMWR Morb Mortal Wkly Rep.* Oct 2004; 53(42):983-5.

Smit E, Semba R, Pilibosian E, Vlahov D, **Tun W**, Purvis L, Tang A. Body habitus in a cohort of HIV-seropositive and HIV-seronegative injection drug users. *AIDS Patient Care STDs* Jan 2005; 19(1):19-30.

**Tun W**, Celentano D, Vlahov D, Strathdee D. Attitudes toward HIV treatments influence unsafe sexual and injection practices among injection drug users. *AIDS* Sep 2003; 17(13):1953-1962.

**Tun W**, Gange S, Vlahov D, Strathdee S, Celentano D. Increase in sexual risk by immunologic response to HAART among HIV-infected injection drug users. *Clinical Infectious Diseases* Apr 2004; 38(8):1167-74.

Vertefeuille J, Marx M, **Tun W**, Huettner S, Strathdee S, Vlahov D. Decline in self-reported high-risk injection-related behaviors among HIV seropositive participants in the Baltimore Needle Exchange Program. *AIDS and Behavior* Dec 2000; 4(4) 381-388.

Stone J, **Tun W**, Hellmann D. Treatment of non-life threatening Wegener's Granulomatosis with methotrexate and daily prednisone as the initial therapy of choice. *J of Rheumatol* 1999; 26: 1134-9.

### **Posters and Presentations at Scientific Conferences**

**Tun W**, Keesbury J, Simmonds FN, Sheehy M, Moyo T, Rathner C, Kalibala S. Gender disparities and inequitable gender norms: implications for HIV prevention programming in Zambia. *XIX International AIDS Conference*, Washington, DC, July 2012.

**Tun W**, Okal J, Broz D, Fisher RH, Kellogg T, Dadabhai S, Mutua H, Sheehy M, Kuria D, Kaiser R, Geibel S. Burden of HIV and sexual behavior among men who have sex with men and male sex workers in Nairobi, Kenya. *XIX International AIDS Conference*, Washington, DC, July 2012.

**Tun W**, Katzen L, Abbott S, Srikrishnan A, Kelly C, Sarna A, Friedland B, Mensch B, and Solomon S. Using a two-stage strategy with respondent-driven sampling to recruit a hard-to-reach population for a microbicide clinical trial in Nellore, Andhra Pradesh, India. *2012 International Microbicides Conference*, Sydney, Australia, April 2012.

**Tun W**, Sohaba N, Sheehy M. Multiple concurrent partnerships and gender power dynamics: findings from a survey of church-goers in the Eastern Cape, South Africa. *5<sup>th</sup> IAS Conference on HIV Pathogenesis, Treatment and Prevention*, Cape Town, South Africa, July 2009.

Sarna A, Chersich M, Luchters S, Picket M, **Tun W**, Okal J, Rutenberg N, Temmerman M. Sexual risk behaviours of HIV positive persons not receiving HIV treatment in Mombasa: are prevention programs missing healthy positives in the community? *5<sup>th</sup> IAS Conference on HIV Pathogenesis, Treatment and Prevention*, Cape Town, South Africa, July 2009.

Karlynn A, Adebajo S, Kellerman S, Nwachukwu C, **Tun W**. Nigeria Men's Health Network Programme for the prevention of HIV and STIs among men who have sex with men (MSM). *5<sup>th</sup> IAS Conference on HIV Pathogenesis, Treatment and Prevention*, Cape Town, South Africa, July 2009.

**Tun W**, Sohaba N, Gujulwa B, Ngongo M, Malinzi U. Promoting mutual monogamy through church leaders: A pilot faith-based program to reduce concurrent partnerships in the Eastern Cape, South Africa." *XVII International AIDS Conference*, Mexico City, Mexico, August 2008.

**Tun W**, Sarna A, Apicella L, Bhattacharya A, Selhore N, Singh A. Who are the sex partners of male injection drug users (IDU) and what are the correlates of unprotected sex with these partners in Delhi and Imphal, India? *XVII International AIDS Conference*, Mexico City, Mexico, August 2008.

**Tun W**, Mello M, Pinho A, Chinaglia M, Diaz J. Are men who have sex with men (MSM) involved in sex work at higher risk for HIV than the general population of MSM? Results of a population-based behavioral and seroprevalence study in Campinas, Sao Paulo, Brazil. *XVII International AIDS Conference*, Mexico City, Mexico, August 2008.

**Tun W**, Sarna A, Bhattacharya A, Apicella L. *Recruitment of injection drug users in two cities in India using respondent-driven sampling for an HIV-related behavioral survey*. *2<sup>nd</sup> International Conference on Surveying Health in Complex Situations*. Brussels, Belgium. June 2007.

**Tun W**, Kabore I, Anna Yakovleva, Zinaida Bodanovskaia, Olga Levina, Maia Rusakova. Recruitment of Injection Drug Users in 3 Russian Cities Using Respondent-Driven Sampling for a Behavioral Monitoring Survey. *International Harm Reduction Conference*, Vancouver, May 2006.

**Tun W**. "It's Only an Illness": HIV Treatment Optimism & Its Effect on Risk Behavior. *XV International AIDS Conference*, Bangkok, Thailand, 2004. (*Invited panel speaker*)