



American Society for Quality ([www.asq.org](http://www.asq.org)) – Washington DC and Maryland Metro, Section 509 ([www.asq509.org](http://www.asq509.org))

Biomed/Biotech Special Interest Group (SIG) Meeting  
(<http://www.asq509.org/ht/d/sp/i/31557/pid/31557>)

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## “State of the Global AIDS Epidemic and the Gates Foundation HIV Strategy”

To be presented by

**Charlie Gombar, PhD**  
([charlie.gombar@gatesfoundation.org](mailto:charlie.gombar@gatesfoundation.org))  
Deputy Director, Long-Acting Antiretrovirals, HIV  
Bill and Melinda Gates Foundation

**Thursday, August 2, 2018**

**Venue:** 9366 Gaither Rd. “1<sup>st</sup> Floor Music Room”, Gaithersburg, MD 20877 (CCACC)

6:00 – 6:20 PM – Networking; Pizza/drink

6:20 – 8:50 PM – Program

8:50 – 9:00 PM – Door-prizes drawing; Networking

**Online Registration site:** <http://www.asq509.org/ht/d/DoSurvey/i/35817>

**Open to Public –**

**\$5:** [non-ASQ members](#) to cover pizza/drink cost;

**Free:** ASQ members, current job-seekers, CCACC volunteers/employees/members, veterans, senior citizens, past speakers, US PHS Commissioned Corp officers, teachers, students, interns, residents, postdocs, FDA Commissioner’s Fellows, MJ-DC members, NTUAADC members, CAPA members, NTMUADC members, CKUAADC members, NTHUAADC members, NJTUAADC members, FAPAC members, CBA members, AAGEN members, NCARSQA members, OCA-DC members, AAMB members, ACAP members, DC Leaders Club members, BioTrain volunteers, and all Tai-Chi classes students in the Metropolitan Washington DC.

**Registration Deadline:** Please register by ***Thursday noon, August 2, 2018.***

**Question:** Please contact Dr. C.J. George Chang, Chair of Biomed/Biotech SIG, ASQ509; [gchang2008@yahoo.com](mailto:gchang2008@yahoo.com) or 240-793-8425 (cell).

**Driving directions: By Cars:** From I-270 (N or S bound): Take Exit 8 onto Shady Grove Dr. Drive toward east and turn left onto Gaither Rd. The building is on your left after passing a stop sign.  
**By Metro rail:** Exit at the Red Line Shady Grove Station.

## Summary

The AIDS epidemic has been with us for almost 40 years. During that time the disease has affected 76 million people worldwide, and 36 millions of those people died. The cumulative number of deaths from AIDS will soon surpass the number of deaths from the Spanish flu pandemic of 1918. We have made tremendous progress understanding the Human Immunodeficiency Virus (HIV) responsible for AIDS, advanced treatment of the virus from no treatment, to multiple pills a day, to a once daily fixed-dose combination, and we now have a “toolbox” of methods to prevent the infection. We still lack an effective vaccine, however.

Our progress against AIDS turned it from a death sentence to a treatable, chronic illness. But this success has largely been manifested in the developed world. With that success has come complacency. In low- and middle-income countries the battle against HIV continues to rage, and we are at risk of losing that battle.

My presentation will provide an overview of the global state of the AIDS epidemic, including a look at what is happening in the United States. I will highlight the challenges that we face, and will present the strategy that we are employing at the Bill & Melinda Gates Foundation to aid in the battle against the AIDS epidemic as well as a general overview of the work of the foundation.

## Speaker

Dr. Charlie Gombar is currently **Deputy Director, Long-Acting Antiretrovirals, HIV** at the Bill & Melinda Gates Foundation where he helps guide the overall HIV strategy for the organization and guides product development investments and activities with key partners to introduce new interventions for HIV prevention and treatment.



Prior to joining the foundation, Dr. Gombar spent over three decades in the pharmaceutical industry, all in R&D. He worked for SmithKline Beecham, Sterling Winthrop, Wyeth, Pfizer, and Endo Pharmaceuticals. His early career in the industry was spent primarily in pre-clinical development studying drug metabolism and pharmacokinetics of promising drug candidates. The bulk of his career was spent as a **development project team leader**, leading teams that successfully developed products such as carvedilol (Coreg<sup>®</sup>), clopidogrel (Plavix<sup>®</sup>), venlafaxine (Effexor XR<sup>®</sup>), and zaleplon (Sonata<sup>®</sup>).

Dr. Gombar serves as **co-director** for the American Course in Drug Development and Regulatory Science (ACDRS) sponsored by the University of California, San Francisco (UCSF). Dr. Gombar received his undergraduate degree in Chemistry from Pace University and his Ph.D. in Pharmacology from the Albany Medical College.

This event is cosponsored by Chinese Culture and Community Service Center, Inc. (CCACC, [www.ccacc-dc.org](http://www.ccacc-dc.org)), NTU Alumni Association DC Chapter ([www.ntuaadc.org](http://www.ntuaadc.org)), and Chinese American Professionals Association of Metropolitan Washington, DC ([www.capadc.org](http://www.capadc.org)).

