

## Name

Address  
(W) phone  
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(F) fax  
email

### **Professional Experience**

#### **Public Health Analyst – GS-0685-12/13 (promoted to GS-13 on 12/07/2009) 12/08 – Present**

Strategic Planning and Evaluation Branch  
National Institute of Allergy and Infectious Diseases (NIAID) / NIH / HHS  
Bethesda, MD

##### *Selected Duties:*

- Developing a new governance structure for the DAIDS clinical trials networks
- Analyzed the NIAID portfolio into antibacterial research and drug development as requested by the Infectious Diseases Society of America
- Actively participating in NIH-wide team meetings to validate new fingerprints associated with the Research, Conditions, and Disease Classifications system
- Coordinated the development of the FY08 and FY09 NIAID Fact Book
- Developed briefing materials for NIAID senior management, including the Director
- Developed briefing papers for NIAID senior leaderships regarding the novel 2009 H1N1 influenza pandemic
- Developed Standard Operating Procedures for various processes performed by the SPEB
- Contributed to the development of strategic plans for the Diabetes Mellitus Inter-agency Coordinating Committee as well as NIAID Strategic Planning and Evaluation Branch

##### *Selected Reports Contributed to:*

- 03/10 – Pediatric Research Initiative Report to Congress
- 10/09 – FY2008 NIAID Fact Book
- 10/09 – American Recovery and Reinvestment Act (ARRA) Interest Reports
- 09/09 – NIH Intra-HHS Collaborations Report
- 09/09 – NIH Biennial Report

#### **Public Health Analyst (Contractor with NIAID) 04/07 – 12/08**

Kelly Services  
Rockville, MD

##### *Selected Duties:*

- Same as listed above, including
- Coordinated the development of the FY07 NIAID Fact Book
- Developed briefing materials for NIAID senior management, including the Director
- Coordinated and edited the NIAID Pediatric Research Initiative Report, SRO-2.1 NIAID GPRA goal, Scientific Areas of Interest, and Science Advance reports
- Performed a portfolio analysis of NIAID's malaria research
- Commented on various strategic plans developed at NIAID (including for the Vaccine Research Center and Malaria Research Agenda)
- Clearance of requests from various governmental agencies
- Provided consultation on evaluation of NIAID funded programs (including the SBIR/STTR program and Autoimmune Centers of Excellence) and initiatives (including the Cooperative Centers for Human Immunology)
- Note taker for the NIAID Research Initiative Committee

##### *Selected Reports Contributed to:*

- 04/08 – NIAID Malaria Research Agenda

- 07/08 – FY07 NIAID Fact Book
- 08/08 – NIAID SBIR/STTR Needs Assessment Final Report

### **Education**

- 06/02 – 03/07 **University of Texas Southwestern Medical Center at Dallas** Ph.D. – Immunology  
**Graduate School of Biomedical Sciences**  
 Title – Assessment of  $\gamma\delta$  T cells During Pathogenic HIV/SIV and Non-Pathogenic SIV Infections  
 Mentor – Name, Ph.D.  
 Committee Chair – Name, Ph.D.
- 09/98 – 05/02 **Texas A&M University – Corpus Christi (TAMU-CC)** B.S. – Biology and Chemistry  
 College of Science and Technology

### **Publications**

- 1) Authors.  $\gamma\delta$  T Cell mRNA Levels Decrease at Mucosal Sites and Increase at Lymphoid Sites Following an Oral SIV Infection of Macaques. *Curr HIV Res.*
- 2) Authors. Impaired  $\gamma\delta$  T Cell Function Following Pathogenic HIV-infection is Retained during Non-Pathogenic SIV-Infection. *J Virol.*
- 3) Authors. Virally-induced CD4+ T cell depletion is not sufficient to induce AIDS in a natural host. *J Immunol.*
- 4) Authors. Rapid dissemination of SIV following oral inoculation. *AIDS.*

### **Awards and Scholarships**

#### *Professional*

- 05/10 2010 Plain Language/Clear Communication Award – NIH  
 04/10 Performance Award – NIAID  
 09/09 Special Act of Service Award – NIAID  
 08/08 Distinguished Performance Award – Kelly Services

#### *Graduate*

- 08/06 Travel Award – 24<sup>th</sup> Annual Symposium on Non-Human Primate Models of AIDS  
 02/06 BD Biosciences Travel Scholarship – 2006  $\gamma\delta$  T cell Conference  
 01/06 2006 UT Southwestern Medical Center Martin Luther King, Jr. Scholarship for Community Service  
 11/05 Young Investigator Award – 13<sup>th</sup> Annual Conference on Retroviruses and Opportunistic Infections (CROI 2006)  
 11/05 Honorable Mention – 2005 Graduate Student Organization (GSO) / Sigma Xi Poster Session  
 08/05 National Institutes of Health Grant Supplement – A1035522-13S1  
 08/03 National Research Service Award through the Integrative Immunology Training Program – NIAID 5T32 A1005284

#### *Undergraduate*

- 05/02 Magna cum Laude  
 10/01 First place in Poster Presentations at TAMU-CC 1<sup>st</sup> Annual Undergraduate Research Symposium  
 06/00 Summer Multicultural Advanced Research Training Student at the University of North Texas Health Science Center at Fort Worth, TX  
 08/99 Joslin Scholarship  
 08/98 TAMU-CC – University Honor Scholarship

**Presentations, Workshops, and Lectures***Professional*

11/09 Panel Discussion – Non-Bench Careers for Scientists at NIH – NIH Office of Intramural Training and Education & NIH Fellows Committee

*Graduate*

- 10/06 **Oral Presentation** – “Impaired  $\gamma\delta$  T cell Function during pathogenic HIV-infection of Humans but Not during SIV-infection of Sooty Mangabeys” – 24<sup>th</sup> Annual Symposium on Non-Human Primate Models of AIDS
- 09/06 **Lecture** – “Silver Anniversary of a Worldwide Threat – The Story of Human Immunodeficiency Virus” – Presented for the UT Southwestern STARS program
- 03/06 **Oral Presentation** – “ $\gamma\delta$  T cells remain functional in SIV+ mangabeys exhibiting AIDS defining CD4 T cell levels” – 2006  $\gamma\delta$  T cell Conference
- 02/06 **Poster Presentation** – “Assessment of Nonpathogenic SIV Infections of Natural Host Species:  $\gamma\delta$  T Cells Remain Functional in SIV+ Mangabeys Exhibiting AIDS Defining CD4 T cell Levels” – CROI 2006
- 11/05 **Poster Presentation** – “Assessment of Nonpathogenic SIV Infections of Natural Host Species:  $\gamma\delta$  T Cells Remain Functional in SIV+ Mangabeys Exhibiting AIDS Defining CD4 T cell Levels” – 2005 GSO / Sigma Xi Poster Session
- 05/05 **Lecture** – “Human Immunodeficiency Virus – From Basic Biology to a Global Epidemic” – Presented for the UT Southwestern STARS program
- 04/05 **Workshop** – Do You Really Understand HIV – 2005 UT Southwestern Day of Service Community Health Fair
- 04/05 **Poster Presentation** – “Assessment of  $\gamma\delta$  T-cell Subsets Following Simian Immunodeficiency Virus Infection of Sooty Mangabeys” – UT Southwestern Immunology Graduate Program Retreat
- 04/05 **Poster Presentation** – “Assessment of  $\gamma\delta$  T-cell Subsets Following Simian Immunodeficiency Virus Infection of Sooty Mangabeys” – Keystone Symposium – HIV Pathogenesis
- 03/05 **Oral Presentation** – Assessment of  $\gamma\delta$  T-cells Using the Human Immunodeficiency Virus Animal Models – Works In Progress Immunology Graduate Program
- 11/04 **Poster Presentation** – “Assessment of the Level and Function of V $\delta$ 1 and V $\delta$ 2  $\gamma\delta$  T-cells Following Simian Immunodeficiency Virus Infection of Sooty Mangabeys” – 2004 GSO / Sigma Xi Poster Session
- 11/04 **Poster Presentation** – “Assessment of the Level and Function of V $\delta$ 1 and V $\delta$ 2  $\gamma\delta$  T-cells Following Simian Immunodeficiency Virus Infection of Sooty Mangabeys” – 22<sup>nd</sup> Annual Symposium on Non-Human Primate Models of AIDS
- 04/04 **Oral Presentation** – “Assessing the Early Immune Response Following Simian Immunodeficiency Virus Infection of Monkeys” – Works In Progress Immunology Graduate Program
- 04/04 **Lecture** – “Human Immunodeficiency Virus – From Basic Biology to a Global Epidemic” – Presented for the UT Southwestern STARS program
- 02/04 **Oral Presentation** – “Frontier Living – Life as a Graduate Student at UT Southwestern” – Presented to students at Texas A&M University – Corpus Christi Alpha Epsilon Delta Student Organization

*Undergraduate*

- 05/02 **Oral Presentation** – “Isolation of Cattail Genes Differentially Expressed in High Concentrations of Iron” – Directed Independent Study Presentation at TAMU-CC
- 10/01 **Workshop** – Reaching Out to the Community through Your Organization – American Chemical Society 57<sup>th</sup> Southwest Regional Meeting
- 10/01 **Poster Presentation** – American Chemical Society 57<sup>th</sup> Southwest Regional Meeting
- 09/01 **Poster Presentation** – TAMU-CC 1<sup>st</sup> Annual Undergraduate Research Symposium
- 08/00 **Oral Presentation** – “Fractionation of B16F1a Melanoma Tumor Cells by Density” – UNTHSC Summer Multicultural Advanced Research Training (SMART) Program

**Professional Affiliations**

11/08 – 11/09 American Association for the Advancement of Science  
 03/04 – present American Association of Immunologists  
 09/01 – 08/02 American Chemical Society

**Selected Appointed and Elected Positions***Graduate*

11/05 – 02/06 Appointed to UT Southwestern Student Fee Advisory Committee  
 09/05 – 11/05 Appointed to UT Southwestern Board of Regent Student Selection Committee  
 08/05 – 05/06 Appointed to UT Southwestern Graduate Executive Committee  
 08/05 – 07/06 Elected as President for the GSO  
 02/05 – 04/05 Appointed as Steering Committee Chairperson organizing the 2005 UT Southwestern United to Serve Committee  
 01/04 – 08/05 Organized the Immunology Graduate Student Journal Club Series  
 08/03 – 05/04 Appointed as Chairperson for the Quest For a Career (QFC) Seminar Series  
 05/03 – 05/04 Elected as Volunteer Activities Chair for the GSO

*Undergraduate*

09/01 – 04/02 Elected as the Senator representation the Senior students to the Student Government Association  
 09/01-04/02 Elected as President of the University Council for Student Organizations  
 09/00 – 05/01 Re-appointed as Chairperson for the Student Services Committee – analyzed parking rules and regulations among other assignments  
 09/00 – 05/01 Elected President of the Corpus Christi Chemistry Club  
 09/00 – 05/01 Elected as Senator of College of Science and Technology in the Student Government Association – Participated in rewriting the Campus Parking Regulations and initiated legislation for instituting a “Dead Week” on the campus.  
 04/00 – 08/00 Appointed as Chairperson for the Student Service Fee Committee – reviewed proposed budgets involving the Student Service Fee and gave recommendations to the President of the University about the proposed budgets