

Leslie Lacks, Ph.D.

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QUALIFICATIONS SUMMARY

- Ph.D. researcher with extensive knowledge in immunology-based cultures and assays
- Ability to conduct both independent and team-based research
- Experience presenting work at national and international conferences
- Ability to think independently, learn new procedures and troubleshoot problems
- Strong data analysis, verbal, written and interpersonal skills

EDUCATION

Ph.D., Infectious Diseases and Microbiology December 2014

Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA

Dissertation title: CD8 T Lymphocyte Responses to Human Herpesvirus 8 Lytic and Latency Proteins

Dissertation advisor: Professor X, Ph.D., Chairman and Professor

Awards included: Predoctoral Fellowship (2008-2010), T32 AI065380, Ruth L. Kirschstein National Research Service Award Institutional Research Training Grant, NIH

B.S., Biology major, Business minor May 2008

University of Richmond, Richmond, VA

Academic honors: Magna Cum Laude, Phi Beta Kappa National Academic Honor Society, Beta Beta Beta National Biology Honor Society

ACADEMIC AND RESEARCH EXPERIENCE

Postdoctoral Associate 2015-present

Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA

Laboratory of Professor X, Ph.D., Department of Infectious Diseases and Microbiology

- Research focus on T cell immune responses to human herpesvirus 8 in subjects from the Multicenter AIDS Cohort Study who were coinfecting with HIV-1 that did or did not develop Kaposi's sarcoma

Graduate Student Researcher 2008-2014

Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA

Laboratory of Professor X, Ph.D., Department of Infectious Diseases and Microbiology

- Research focused primarily on T cell immune responses to lytic and latency proteins in human herpesvirus 8 monoinfected and human herpesvirus 8/HIV-1 coinfecting subjects
- Techniques used to investigate T cell responses included blood processing, cell culture, enzyme-linked immunosorbent spot assay, intracellular staining with polychromatic flow cytometry, multiplex biomarker Meso Scale Discovery assay and multimer staining
- Demonstrated strong data collection/analysis, problem solving, written and verbal skills through manuscripts and presentations

Summer Scientific Research Intern

2007

The Scripps Research Institute, San Diego, CA

Laboratory of Professor Y, M.D., Ph.D., Department of Cell Biology

- Techniques used to investigate the connexin-26 protein included expression in insect cells, SDS-PAGE/Western Blot and cryo-electron microscopy

Teaching Assistant

2007

University of Richmond Biology Department, Richmond, VA

- Required knowledge of laboratory techniques to demonstrate experiments, assist students and aid professors in preparation and grading

Scientific Writing Fellow

2005-2008

University of Richmond Writing Center, Richmond, VA

- Tutored students on grammar, organization and clarity of laboratory reports and research papers
- Required strong written and verbal communication skills

PUBLICATIONS

- **Lacks, L.**, G. Smith, P. Brown, F. Lee and C. Hernandez. Sample Publication Title, *manuscript in preparation*.
- Tareeq, E., G. Lee, **L. Lacks**, S. Patel, A. Brown, S. Smith, J. Hernandez, T. Lee, F. Smith and C. Brown. Sample Publication Title, *submitted for publication*.
- Brown, M., E. Lee, L. Patel, R. Smith, **L. Lacks**, J. Hernandez, L. Tareeq, O. Lee and B. Smith. Sample Publication Title, *submitted for publication*.
- Hernandez, E., **L. Lacks**, J. Lee, G. Smith, F. Brown and C. Patel. Sample Publication Title. 2013. *Frontiers in Immunology*. 3 (427): 1-18.
- **Lacks, L.**, G. Patel, E. Brown, M. Tareeq, P. Hernandez, F. Smith and C. Lee. Sample Publication Title. 2010. *Clinical and Vaccine Immunology*. 17 (10): 1507-1516.

ADDITIONAL HONORS AND AWARDS

- **AAI Trainee Poster Award** (2013), American Association of Immunologists Annual Meeting
- **1st place award** for poster presentation (2012), Annual Dean's Day, University of Pittsburgh Graduate School of Public Health
- **3rd place award** for poster presentation (2009), Annual Research Day, University of Pittsburgh Graduate School of Public Health, Department of Infectious Diseases and Microbiology
- **Undergraduate academic honors** (2002-2006) included Dean's List, Golden Key International Honor Society, National Scholar's Honor Society
- **High school honors** (1998-2002) included Valedictorian of class of 325 students, National Honor Society, Wellesley College Book Award for outstanding academic achievement and community leadership

PROFESSIONAL MEMBERSHIPS AND LEADERSHIP EXPERIENCE

- **Member** (2007-present), American Association of Immunologists

- **Committee Member** (2011-2012), American Lung Association Gala Volunteer
- **Class Cabinet Secretary** (2005), University of Richmond Student Government
- **Mentor** (2003-2005), Carver Promise Elementary School Program
- **Secretary** (2001-2002), Cedar Crest High School PEP Club

SCIENTIFIC MEETING PRESENTATIONS (NATIONAL/INTERNATIONAL)

- **Lacks, L.**, G. Smith, P. Hernandez, E. Brown, F. Patel and C. Lee. Sample Publication Title. AAI Annual Meeting (2013), Honolulu, HI, poster presentation.
- Brown, E., G. Smith, **L. Lacks**, S. Patel, A. Lee, S. Tareeq, J. Li, T. Reinhart, F. Patel and C. Lee. Sample Publication Title. Society for Leukocyte Biology Annual Conference (2012), Maui, HI, poster presentation.
- **Lacks, L.**, G. Smith, P. Hernandez, M. Tareeq, F. Patel and C. Lee. Sample Publication Title. Keystone Symposia on HIV Vaccines (2012), Keystone, CO, poster presentation.
- **Lacks, L.**, G. Smith, P. Hernandez, M. Tareeq, F. Patel and C. Lee. Sample Publication Title. 13th International Conference on Malignancies in AIDS and Other Acquired Immunodeficiencies (2011), Bethesda, MD, oral presentation.
- **Lacks, L.**, G. Smith, P. Hernandez, M. Tareeq, F. Patel and C. Lee. Sample Publication Title. 14th International Workshop on KSHV (2011), Helsinki, Finland, oral presentation.
- **Lacks, L.**, G. Smith, P. Hernandez, M. Tareeq, F. Patel and C. Lee. Sample Publication Title. 23rd Annual UPCI Scientific Retreat (2011), Pittsburgh, PA, poster presentation.
- **Lacks, L.**, G. Smith, P. Hernandez, M. Tareeq, F. Patel and C. Lee. Sample Publication Title. AAI Annual Meeting (2011), San Francisco, CA, poster presentation.
- Smith, G., **L. Lacks**, P. Hernandez, M. Tareeq and C. Lee. Sample Publication Title. Antigen Characterization and Biomarker Discovery Summit (2011), Oxford, UK, oral presentation.
- **Lacks, L.**, G. Smith, E. Brown, P. Hernandez, M. Tareeq, F. Patel and C. Lee. Sample Publication Title. 4th MASIR Conference (2010), Mykonos, Greece, poster presentation.
- **Lacks, L.**, E. Brown, G. Smith, P. Hernandez, M. Tareeq, F. Patel and C. Lee. Sample Publication Title. AAI Annual Meeting (2009), Seattle, WA, poster presentation.
- **Lacks, L.**, E. Brown, G. Smith, P. Hernandez, M. Tareeq, F. Patel and C. Lee. Sample Publication Title. 11th International Workshop on KSHV (2008), Birmingham, UK, oral presentation.