**Title Page**

**Title**: Trends and Patterns of Human Papillomavirus Vaccination Rates on Long Island, 2012-2023: An Evaluation of Disparities in Vaccine Uptake

**Abbreviated Title**: Trends and Patterns of Human Papillomavirus Vaccination Study on Long Island, 2012-2023

**Authors:**

Zihan Ding1, Jianyuan Deng PhD2, Linda Mermelstein, MD, MPH3, Barbara Nemesure, PhD3,4, Tyler Osborne1, Fusheng Wang PhD1,2

1. Department of Computer Science, Stony Brook University, Stony Brook, NY,
2. Department of Biomedical Informatics, Stony Brook University, Stony Brook, NY,
3. Stony Brook Cancer Center, Stony Brook, NY,
4. Department of Family, Population and Preventive Medicine, Stony Brook Medicine, Stony Brook, NY

**Corresponding Author**

Fusheng Wang PhD

Department of Biomedical Informatics

Department of Computer Science

Stony Brook University

2313D Computer Science

Stony Brook, NY 11794-8330

Tel: (631)632-2594

Email: [fusheng.wang@stonybrook.edu](mailto:fusheng.wang@stonybrook.edu)