Andrew Collin Stewart

San Francisco · California

✉ andrew.c.stewart@gmail.com   📞 +202 505 3633   ⌂ andrewcstewart   🌐 andrewcstewart.com

EXPERTISE

Data Analysis	Decision Analytics	Predictive Modeling
Research, Reports and Forecasts	Dashboards & Visualization	Big Data Queries
Data Mining	Machine Learning	Business Intelligence (BI)

PROFESSIONAL EXPERIENCE

Twist Bioscience   2015-2017

  Scientist (Bioinformatics)

Veracyte   2014-2015

  Scientist (Data Analysis Team)

Smithsonian Institution   2013-2015

  Data Science Specialist (Office of the CIO)

Keygene   2009-2012

  Bioinformatician (Applied Systems Biology)

Navy Medical Research Center   2006-2009

  Research Assistant (Genomics)

EDUCATION EXPERIENCE

Johns Hopkins University, M.S. Computer Science   2015

University of Maryland College Park, B.S. Biology   2006

TECHNICAL SKILLS

Programming	R, Python, Rust, C/C++, Java
Algorithms	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque cursus blandit odio, sit amet efficitur purus lobortis id. Nulla malesuada ac neque eu scelerisque.
Statistics	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque cursus blandit odio, sit amet efficitur purus lobortis id. Nulla malesuada ac neque eu scelerisque.

PUBLICATIONS

Chen, Peter E., Christopher Cook, Andrew C. Stewart, Niranjan Nagarajan, Dan D. Sommer, Mihai Pop, Brendan Thomason, et al. 2010. "Genomic Characterization of the Yersinia Genus." *Genome Biology* 11 (January):R1. https://doi.org/10.1186/gb-2010-11-1-r1.

Chen, Peter E., Kristin M. Willner, Amy Butani, Shakia Dorsey, Matroner George, Andrew Stewart, Shannon M. Lentz, et al. 2010. "Rapid Identification of Genetic Modifications in Bacillus Anthracis Using Whole Genome Draft Sequences Generated by 454 Pyrosequencing." *PLOS ONE* 5 (8):e12397. https://doi.org/10.1371/journal.pone.0012397.

"Meetings - Paper Digital Library." n.d. Accessed December 6, 2017. https://dl.sciencesocieties.org/publications/meetings/2011am/8617/67897.

Mukhopadhyay, Sanghamitra, Arya Akmal, Andrew C. Stewart, Ru-ching Hsia, and Timothy D. Read. 2009. "Identification of Bacillus Anthracis Spore Component Antigens Conserved Across Diverse Bacillus Cereus Sensu Lato Strains." *Molecular & Cellular Proteomics* 8 (6):1174–91. https://doi.org/10.1074/mcp.M800403-MCP200.

Pagan, Moraima, Richard T. Kloos, Chu-Fang Lin, Kevin J. Travers, Hajime Matsuzaki, Ed Y. Tom, Su Yeon Kim, et al. 2016. "The Diagnostic Application of RNA Sequencing in Patients with Thyroid Cancer: An Analysis of 851 Variants and 133 Fusions in 524 Genes." *BMC Bioinformatics* 17 (1):S6. https://doi.org/10.1186/s12859-015-0849-9.

Stewart, Andrew C., Brian Osborne, and Timothy D. Read. 2009. "DIYA: A Bacterial Annotation Pipeline for Any Genomics Lab." *Bioinformatics* 25 (7):962–63. https://doi.org/10.1093/bioinformatics/btp097.

Zwick, Michael E., Sandeep J. Joseph, Xavier Didelot, Peter E. Chen, Kimberly A. Bishop-Lilly, Andrew C. Stewart, Kristin Willner, et al. 2012. "Genomic Characterization of the Bacillus Cereus Sensu Lato Species: Backdrop to the Evolution of Bacillus Anthracis." *Genome Research* 22 (8):1512–24. https://doi.org/10.1101/gr.134437.111.

Zwick, Michael E., Maureen P. Kiley, Andrew C. Stewart, Alfred Mateczun, and Timothy D. Read. 2008. "Genotyping of Bacillus Cereus Strains by Microarray-Based Resequencing." *PLOS ONE* 3 (7):e2513. https://doi.org/10.1371/journal.pone.0002513.