

Rachel (Goldfeder) Wing, PhD

rlgoldfeder@gmail.com | 832.287.9655 | rachelgwing.com

EDUCATION

Stanford University

PhD, Biomedical Informatics, June 2017

Stanford, CA

2012 – 2017

Washington University in St. Louis

Bachelor of Science, May 2011

St. Louis, MO

2007 - 2011

Majors: Biomedical Engineering, Psychology

EXPERIENCE

AstraZeneca

Program Manager, Translational Medicine Genomics (Oncology R&D)

Waltham, MA

Jan 2023 - Present

- Managing projects and strategically coordinating the team's portfolio
- Establishing strategy and defining scope of work for new projects (timelines, budgets, deliverables, and resourcing); communicating progress to stakeholders; identifying issues and driving resolution
- Tracking and prioritizing projects using Smartsheet and Confluence; creating and executing integrated project plans
- Developing KPIs to track team performance; performing data analysis to offer actionable insights that inform team strategy and operational improvements; summarizing and visualizing data for leadership using dashboards, R, and PowerBI
- Building and cultivating relationships with internal and external teams

Detect, Inc. (molecular diagnostics startup)

Program Manager for Mail-In Lab Testing Business Unit

Guilford, CT

Aug 2021 – Jan 2023

- Conceived of vision and strategy for our mail-in laboratory testing platform; led a cross-functional team to build this platform and bring a mail-in test to market
- Developed strategy and product roadmap, performed market and segment analysis, and formed strategic partnerships with CLIA labs and a telehealth network
- Identified and mitigated risks; responsible for program planning and execution – including managing interdependencies between workstreams
- Managed 4 direct reports; oversaw functional group leads in matrixed environment

Chief of Staff

Mar 2021 – Aug 2021

- Worked directly with CTO and C-suite to prioritize and oversee the execution of company-wide strategic business decisions
- Analyzed market landscape for mail-in testing; promoted to lead new mail-in testing business unit

The Jackson Laboratory for Genomic Medicine

Computational Scientist

Farmington, CT
Jul 2017 – Mar 2021

- Built bioinformatics analysis methods using machine learning approaches to detect cancer biomarkers from NGS data
- Developed and ran NHGRI grant-funded annual workshop on Long-Read Sequencing for 200+ participants; coordinated budgets, timelines, and internal and external cross-functional teams
- PM for state-wide CLIA Covid-19 testing capability build; drove cross-functional projects to upright lab testing, reporting, customer support team, and more; built and led external partnerships with hospitals, nursing homes, National Guard, etc

Stanford University

Graduate Student in Dr. Euan Ashley's Lab

Stanford, CA
Aug 2012 – Jun 2017

- Developed machine learning bioinformatics methods to detect INDEL variants from NGS data
- Developed key metrics to assess the coverage of medically-relevant genes
- Curated, prioritized, and provided interpretation for variants; assessed the medical implications of inaccurate variant calls
- Led multi-institute collaborations, including projects with FDA, NIST, and others
- Co-chaired the 2015 Biomedical Computation at Stanford Symposium and 2017 Pacific Symposium on Biocomputing workshop on Harnessing Big Data for Precision Medicine
- Course developer and instructor for Personalized Genome Medicine (BIOS 234)
- Stanford Summer Research Program Mentor & Group Leader (2013 & 2014)

National Institutes of Health

Post-Baccalaureate Fellow in Dr. Francis Collins' Lab

Bethesda, MD
Jun 2011 – Jul 2012

- Analyzed WES data to identify variants associated with Moebius Syndrome

SKILLS

- Leadership, strategic planning, influencing cross-functional teams, communication, project management, program strategy and execution, creativity and innovation, building strategic partnerships
- Strong biomedical research skills; 19 publications, h-index=12

HONORS & AWARDS

- R25 NHGRI Education Grant for Long-Read Sequencing Workshop (2019)
- UCSF-Stanford Center of Excellence in Regulatory Science and Innovation (CERSI) Scholar (2017)
- Stanford Center for Computational, Evolutionary and Human Genomics Trainee Research Grant (2014)
- National Science Foundation Graduate Research Fellow (2013)
- Alpha Eta Mu Beta (Biomedical Engineering Honor Society) member (2011)