Stanford

Rose Heald

Masters Student in Translational Research and Applied Medicine, admitted Autumn 2025

Bio

BIO

As a Master's student in Translational Research and Applied Medicine at Stanford Medicine, I'm passionate about bridging the gap between scientific discovery and real-world clinical impact. My career interests lie at the intersection of science and business, with a focus on advancing the development and implementation of novel therapeutics—particularly in the areas of genetics, rare disease, and neurodegenerative diseases.

I bring experience in clinical research, including work on the BabySeq Project, a pioneering study of genomic newborn screening (gNBS). This experience sparked my ongoing interest in how genomic technologies can be implemented to identify actionable health risks early in life. I continue to contribute to this field through my involvement with the International Consortium on Newborn Sequencing (ICoNS), a global initiative advancing gNBS research.

HONORS AND AWARDS

- Pillars of Excellence Award in Advancing Innovation and Progress, Mass General Brigham (January 2025)

LINKS

- LinkedIn: https://www.linkedin.com/in/rose-heald/

Research & Scholarship

RESEARCH PROJECTS

- BabySeq Project - Genomes2People Research Program at Brigham and Women's Hospital and Harvard Medical School

Professional

WORK EXPERIENCE

- Project Manager, Special Projects - International Consortium on Newborn Sequencing (July 1, 2023 - present)
- Senior Research Assistant - Genomes2People Research Program at Brigham and Women's Hospital and Harvard Medical School (February 1, 2023 - July 18, 2025)
- Teaching Assistant - Middlebury Colllege (September 1, 2022 - December 1, 2022)
- Research Trainee - Genomes2People Research Program at Brigham and Women's Hospital and Harvard Medical School (June 1, 2022 - September 1, 2022)

Publications

PUBLICATIONS

- **Data-driven consideration of genetic disorders for global genomic newborn screening programs.** *Genetics in medicine : official journal of the American College of Medical Genetics*

  Minten, T., Bick, S., Adelson, S., Gehlenborg, N., Amendola, L. M., Boemer, F., Coffey, A. J., Encina, N., Ferlini, A., Kirschner, J., Russell, B. E., Servais, L., Sund, et al

  2025; 27 (7): 101443

PRESENTATIONS

- Infants with carrier status in BabySeq and comparison to other carrier screening panels - Brigham and Women's Hospital Department of Medicine Research Retreat (October 15, 2024 - October 15, 2024)
- Newborn sequencing using comprehensive genome analysis across racial and ethnic groups: Results from the BabySeq Project - International Consortium on Newborn Sequencing (October 9, 2024 - October 10, 2024)
- Data sharing: A consortium-sanctioned activity to support global research and discovery - International Consortium on Newborn Sequencing (October 5, 2023 - October 6, 2023)
- Gender differences in visuospatial line abilities of college students - New England Psychological Association and the Northeast Conference for Teachers of Psychology (October 22, 2022)