

Jennifer Ming Walsh

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Education

- 2021 – **Harvard University**
Ph.D. Business Economics, supported by NSF GRFP
- 2013 – 2017 **Harvard University**
A.B. Physics & Mathematics, *magna cum laude*, Secondary in Global Health & Health Policy

Honors and Awards

- 2021 – National Science Foundation Graduate Research Fellowship
- 2016 John Harvard Scholar (4.0, top 5% of class), Harvard University
- 2014 Program for Research in Science and Engineering (PRISE) Fellowship, Harvard University
- 2013 Semifinalist, Intel Science Talent Search
- 2013 Semifinalist, Siemens Competition in Math, Science, and Technology
- 2012 Research Science Institute Scholar, Massachusetts Institute of Technology

Working Papers

“Margin or Mission? The Effects of CEOs on Hospital Outcomes” (with Nagisa Tadjfar). *MIT Second Year Paper*

Peer-Reviewed Publications

Wang S, Lee S, Chu C, Jain D, Kerpedjiev P, Nelson GM, **Walsh JM**, Alver BH, Park PJ (2020). HiNT: A computational method for detecting copy number variations and translocations from Hi-C data. *Genome Biology*, 21(73). PMID: 32293513.

Jacobson HR, Keller S, Frebel A, Casey AR, Asplund M, Bessell MS, Da Costa GS, Lind K, Marino A, Norris JE, Pena JM, Schmidt BP, Tisserand P, **Walsh JM**, Yong D, Yu Q (2015). High-Resolution Spectroscopic Study of Extremely Metal-Poor Star Candidates from the Skymapper Survey. *Astrophysical Journal*, 807(2), 171-190.

Sahni N, Yi S, Taipale M, Fuxman Bass JI, Coulombe-Huntington J, ..., **Walsh JM**, ..., Vidal M (2015). Widespread Macromolecular Interaction Perturbations in Human Genetic Disorders. *Cell*, 161(3), 647-60. PMID: 25910212.

Rolland T, Taşan M, Charloteaux B, Pevzner SJ, Zhong Q, Sahni N, Yi S, .., **Walsh J**, ..., Vidal M (2014). A Proteome-Scale Map of the Human Interactome Network. *Cell*, 159(5), 1212-1226. PMID: 25416956.

Posters

Nam KM, Wang S, Lee S, **Walsh JM**, Alver BH, Park PJ (2016). Evaluation of software tools and analysis strategies for Hi-C data. 4DN Annual Meeting, San Diego, CA.

Walsh JM, Santhanam B, Zhong Q, Hill DE, Vidal M (2011). Inter-species protein-protein interaction network reveals protein interfaces for conserved function. International Conference on Complex Systems, Boston, MA.

Teaching

- 2015 – 2016 **Harvard University**, Cambridge, MA
Teaching Fellow for Physics E-1axl, E-1bxl

Activities

2021 – **Lowell House**, Non-Resident Tutor

Employment

2017 – 2021 **National Bureau of Economic Research**, Cambridge, MA
Research Assistant to Professor Claudia Goldin

2017 – 2019 **Bain & Company**, New York, NY
Associate Consultant

Programming Languages

C, CSS, HTML, MATLAB, Python, R, Stata