

Eric W. Bridgeford

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Work Experience

- 08/14 – present **Research Assistant under Dr. Joshua T. Vogelstein**, *Dept of Biomedical Engineering, Johns Hopkins University.*
- 05/14 – present **Research Assistant under Dr. Dani S. Bassett**, *Dept of Bioengineering, University of Pennsylvania.*

Education

- 2013 – present **B.S. in Biomedical Engineering and Computer Science**, *Johns Hopkins University, Baltimore, MD 21218.*
- 2009 – 2013 **High School**, *La Salle College High School, Wyndmoor, PA, 19038.*

Awards & Honors

- 2015 **Everyblock API Award**, *Pennapps.*
- 2015 spring **Dean's List**, *Johns Hopkins University.*
- 2015 fall **Dean's List**, *Johns Hopkins University.*

Accepted Manuscripts

- 1 S. F. Muldoon, E. W. Bridgeford, and D. S. Bassett. [Small-World Propensity in Weighted, Real-World Networks](#). *Scientific Reports*, February 2016.

Poster Presentations

- 1 [Quantifying Small Worldness in Weighted Brain Networks: Small-World Propensity](#). In *Society for Neuroscience (SfN)*, 2015.
- 2 [Community Connectomics via Cloud Computing Utilizing m2g - a Reference Pipeline](#). In *Organization for Human Brain Mapping (OHBM)*, 2015.
- 3 [MRImages to Graphs: A One Click Community Pipeline for MR Connectome Analysis](#). In *Institute for Computational Medicine Poster Session*, 2015.
- 4 [MRImages to Graphs: A One Click Community Pipeline for MR Connectome Analysis](#). In *Kavli Coffee Hour*, 2015.

Talks

- 1 [From the Functional Brain to the Connectome: An Introduction to Neuroscience Research in the 21st Century](#). In *JHU Splash*, 2016.

Languages

- Proficient **Java, UNIX, R, Python, Matlab, HTML, LaTeX, SQL, C, C++.**
- Improficient **Javascript, CSS.**
- Tools **Git, EC2, S3, Eclipse, Vim, Android Studio, Adobe Creative Cloud.**