

Stanford

Heidi Arjes

Postdoctoral Research Fellow, Bioengineering

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Washington University (2014)
- Bachelor of Arts, Simpson College (2008)

STANFORD ADVISORS

- Kerwyn Huang, Postdoctoral Faculty Sponsor
- Kerwyn Huang, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Species-Independent Attraction to Biofilms through Electrical Signaling.** *Cell*
Humphries, J., Xiong, L., Liu, J., Prindle, A., Yuan, F., Arjes, H. A., Tsimring, L., Süel, G. M.
2017; 168 (1-2): 200-209 e12
- **Mutations in the bacterial cell division protein FtsZ highlight the role of GTP binding and longitudinal subunit interactions in assembly and function** *BMC MICROBIOLOGY*
Arjes, H. A., Lai, B., Emelue, E., Steinbach, A., Levin, P. A.
2015; 15
- **Failsafe Mechanisms Couple Division and DNA Replication in Bacteria** *CURRENT BIOLOGY*
Arjes, H. A., Kriel, A., Sorto, N. A., Shaw, J. T., Wang, J. D., Levin, P. A.
2014; 24 (18): 2149-2155