

Stanford

Miranda Page Collier

Postdoctoral Research Fellow, Biology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Oxford (2018)

STANFORD ADVISORS

- Judith Frydman, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Small heat-shock proteins and their role in mechanical stress.** *Cell stress & chaperones*
Collier, M. P., Benesch, J. L.
2020
- **Structural and functional consequences of age-related isomerization in alpha-crystallins** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Lyon, Y. A., Collier, M. P., Riggs, D. L., Degiacomi, M. T., Benesch, J. P., Julian, R. R.
2019; 294 (19): 7546–55
- **HspB1 phosphorylation regulates its intramolecular dynamics and mechanosensitive molecular chaperone interaction with filamin C** *SCIENCE ADVANCES*
Collier, M. P., Alderson, T., de Villiers, C. P., Nicholls, D., Gastall, H. Y., Allison, T. M., Degiacomi, M. T., Jiang, H., Mlynek, G., Fuerst, D. O., van der Ven, P. M., Djinovic-Carugo, K., Baldwin, et al
2019; 5 (5): eaav8421