

Stanford



Pravat Dhakal

Postdoctoral Scholar, Ophthalmology

Bio

HONORS AND AWARDS

- Predoctoral Fellow, American Heart Association (2020)
- Travel Awardee, Genetics Society of America (2018)
- Florida Worm Meeting Poster Award, Florida Institute of Technology (2017)
- Molecular Biology Research Award, University of Miami (2017)
- Graduate School of Science Award, Osaka University (2015)
- Osaka University Scholarship, Osaka University (2014)
- Japanese Government (MEXT) Scholarship, Ministry of Education, Culture, Sports, Science and Technology, Japan Government (2013)

PROFESSIONAL EDUCATION

- PhD, University of Miami , Biology (2022)
- MSc, Osaka University , Biological Sciences (2015)
- BSc, Purbanchal University , Biotechnology (2012)

STANFORD ADVISORS

- Michael Kapiloff, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Serotonin signals through postsynaptic G#q, Trio RhoGEF, and diacylglycerol to promote *Caenorhabditis elegans* egg-laying circuit activity and behavior.** *Genetics*
Dhakal, P., Chaudhry, S. I., Signorelli, R., Collins, K. M.
2022; 221 (3)
- **Photochemical Barcodes.** *Journal of the American Chemical Society*
Tang, S., Zhang, Y., Dhakal, P., Ravelo, L., Anderson, C. L., Collins, K. M., Raymo, F. M.
2018; 140 (13): 4485-4488
- **Ratiometric Calcium Imaging of Individual Neurons in Behaving *Caenorhabditis Elegans*.** *Journal of visualized experiments : JoVE*
Ravi, B., Nassar, L. M., Kopchock, R. J., Dhakal, P., Scheetz, M., Collins, K. M.
2018
- **Bioimaging with Macromolecular Probes Incorporating Multiple BODIPY Fluorophores.** *Bioconjugate chemistry*
Thapaliya, E. R., Zhang, Y., Dhakal, P., Brown, A. S., Wilson, J. N., Collins, K. M., Raymo, F. M.

