




Mahalakshmi Ramamurthy

Postdoctoral Research Fellow, Developmental Behavioral Pediatrics

 NIH Biosketch available Online

 Curriculum Vitae available Online

Bio

BIO

I am specifically interested in the development of attentional mechanisms and its intersection with the development of reading ability (and therefore reading disability).

I am broadly interested in understanding the basic mechanisms that are causally related to naturally occurring conditions, like amblyopia and dyslexia, and how understanding basic mechanisms can be implemented in effective remediation. In particular, Dyslexia interests me as a model to investigate the development and the intersection of visual attentional mechanisms in the development of reading. At Stanford, my research will focus on the role of visual attention in Dyslexia.

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Postdoctoral award, MCHRI (2021)

STANFORD ADVISORS

- Jason Yeatman, Postdoctoral Faculty Sponsor

COMMUNITY AND INTERNATIONAL WORK

- Volunteer lead

Publications

PUBLICATIONS

- **Rapid online assessment of reading ability.** *Scientific reports*
Yeatman, J. D., Tang, K. A., Donnelly, P. M., Yablonski, M., Ramamurthy, M., Karipidis, I. I., Caffarra, S., Takada, M. E., Kanopka, K., Ben-Shachar, M., Domingue, B. W.
2021; 11 (1): 6396
- **The ups and downs of sensory eye balance: Monocular deprivation has a biphasic effect on interocular dominance.** *Vision research*
Ramamurthy, M. n., Blaser, E. n.
2021; 183: 53–60
- **Assessing the kaleidoscope of monocular deprivation effects** *JOURNAL OF VISION*
Ramamurthy, M., Blaser, E.
2018; 18 (13): 14
- **New rules for visual selection: Isolating procedural attention** *JOURNAL OF VISION*
Ramamurthy, M., Blaser, E.
2017; 17 (2): 18

- **Light and Sight** *Light and Its Many Wonders, National Academy of Sciences*
Ramamurthy, M., Vasudevan, L.
Viva Books, India, 2015: 368-380
- **Color shifts at different viewing eccentricities on flat-panel rear projection displays in steps of perceptibility threshold units** *JOURNAL OF MODERN OPTICS*
Ramamurthy, M., Hovis, J., Zsivanov, D., Lakshminarayanan, V.
2013; 60 (14): 1151-1158