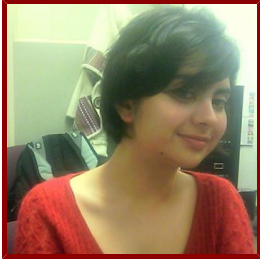


# Stanford

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## Massa Shoura

Postdoctoral Research Fellow, Pathology

### Bio

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#### HONORS AND AWARDS

- Beckman Postdoctoral Fellowship (Independence award; mentored phase), Arnold and Mabel Beckman Foundation (2017-2019)
- Stanford Medicine Dean's Postdoctoral Fellowship, Stanford (2016-2017)

#### PROFESSIONAL EDUCATION

- Bachelor of Science, University of Texas at Dallas , Molecular Cell Biology and Biophysics (2008)
- Master of Science, University of Texas at Dallas , Molecular and Cell Biology (2010)
- Doctor of Philosophy, University of Texas at Dallas , Molecular and Cell Biology (2013)
- Doctor of Philosophy, University of Texas at Dallas , Biomedical Engineering (2014)

#### STANFORD ADVISORS

- Andrew Fire, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Contribution of Fluorophore Dynamics and Solvation to Resonant Energy Transfer in Protein-DNA Complexes: A Molecular-Dynamics Study** *BIOPHYSICAL JOURNAL*  
Shoura, M. J., Ranatunga, R. J., Harris, S. A., Nielsen, S. O., Levene, S. D.  
2014; 107 (3): 700-710
- **The thermodynamics of DNA loop formation, from J to Z** *BIOCHEMICAL SOCIETY TRANSACTIONS*  
Levene, S. D., Giovan, S. M., Hanke, A., Shoura, M. J.  
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- **Measurements of DNA-loop formation via Cre-mediated recombination** *NUCLEIC ACIDS RESEARCH*  
Shoura, M. J., Vetcher, A. A., Giovan, S. M., Bardai, F., Bharadwaj, A., Kesinger, M. R., Levene, S. D.  
2012; 40 (15): 7452-7464
- **Understanding DNA looping through Cre-recombination kinetics** *Discrete and Topological Models in Molecular Biology*  
Shoura, M., Levene, S.  
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