

## Available Postdoc Position

# RUA

<b>Position ID Number</b>	100003
<b>Supervisor Name</b>	Doeke R Hekstra
<b>Supervisor Title</b>	Assistant Professor
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<b>Lab Website</b>	<a href="https://hekstralab.fas.harvard.edu/efx">https://hekstralab.fas.harvard.edu/efx</a>
<b>Affiliated Institution</b>	Harvard University
<b>Contact Name</b>	Doeke Romke Hekstra
<b>Contact Title</b>	
<b>Contact Email Address</b>	
<b>Contact Phone Number</b>	
<b>Date of Best Consideration</b>	1/1/22
<b>Application Close Date</b>	4/30/22
<b>Anticipated Start Date</b>	2/1/22
<b>Job Website</b>	
<b>Job Location</b>	Cambridge, MA
<b>Is remote work possible?</b>	No
<b>CIP Codes</b>	6.2 Biochemistry, Biophysics and Molecular Biology 2.3 Statistics 2.2 Applied Mathematics
<b>Job Description</b>	The postdoctoral fellow will work to develop new computational and statistical tools to analyze new types of X-ray diffraction experiments--in particular those addressing the dynamics of proteins. You will work closely with both experimentalists in the lab and with collaborators at national labs.

**Required Qualifications**

You have significant computational experience, are not afraid of learning new methods in statistics and machine learning, and have taken basic coursework in physics and/or physical chemistry, and are deeply interested in the physics and/or evolution of biomolecules and/or organisms.

**Desired Qualifications**

You realize that achievement requires sustained focus and growth: You don't get distracted easily and you don't give Experience in crystallographic experiments and/or analysis is a plus.  
You enjoy working closely with others and communicating science.

**Minimum Monthly Salary** \$55,000

**Maximum Monthly Salary** \$65,000

**Special Instructions for Applicants**

**Opportunities for teaching?** Yes

**Opportunities for supervision/mentoring?** Yes

**Opportunities for communitiy outreach?** Yes

**Position keywords**

Computational Crystallography   Molecular Biophysics   Protein Dynamics   Machine Learning