

### Job Description

<b>Job title:</b>	Research Associate
<b>Department/School:</b>	Biology & Biochemistry
<b>Grade:</b>	7
<b>Location:</b>	Claverton Down Campus

#### Job purpose

The post-holder will be part of the structural biology team (at the Department of Biology and Biochemistry, University of Bath) involved in protein biochemistry and structural biology research. Please visit Professor Acharya's WEB page (<http://www.bath.ac.uk/bio-sci/kra-lab/main/krahome.html>) for latest references.

#### Reports to:

Professor K. Ravi Acharya

#### Staff management responsibility

None.

#### Main duties and responsibilities

<b>1</b>	To perform high quality research involving structural biology projects. Design and execute experiments.
<b>2</b>	To visit Diamond light source as and when required and help out colleagues in the group performing experiments.
<b>3</b>	To help in the maintenance and calibration of equipment of the laboratory
<b>4</b>	Present data internally.
<b>5</b>	Maintain a laboratory notebook of an appropriate standard to allow publication and work in a safety conscious manner that meets with local COSHH and GMO regulations.

<b>6</b>	Work within a team to meet project objectives.
<b>7</b>	Produce high quality written work, with appropriate figures, in a form suitable for publication in major international peer-reviewed journals.
<b>8</b>	Keep up-to-date with relevant published literature and inform fellow group members of such work.
<b>9</b>	To undertake any other duties which may be required, which are consistent with the nature and grade of the post.
This job description is a reflection of the present position and is subject to review and alteration in detail and emphasis in the light of future changes or development.	

<b>Special conditions</b>
Compliance with all relevant Codes of Practice and regulations for the University and relevant discipline.

<b>Career and Professional Development Activities</b>
<i>Not specified for this 3-month fixed term position</i>

## Person Specification

Criteria	Essential	Desirable
<b>Experience/Knowledge</b>		
Excellent research background in protein crystallography	√	
Some experience in biophysical techniques relating structure to function		√
Good publication record in high quality, peer reviewed journals	√	
Awareness of latest developments in the field of research	√	
Direct experience of performing experiments in the area of protein biochemistry/structural molecular biology	√	
<b>Skills</b>		
Planning and organisation- to plan work efficiently so that research targets are achieved	√	
Communication- to communicate progress and problems in research	√	
Team working- to work efficiently as part of a team and contribute constructively to achieving the team's objectives	√	
Excellent verbal, interpersonal and written communication skills	√	
<b>Attributes</b>		
Motivation- highly stimulated by science and committed to achieving good quality work	√	
Innovation- demonstrates creative solutions to difficult protein biochemistry/structural biology	√	
Tenacity- working to achieve own objectives and overcoming obstacles	√	
<b>Qualifications</b>		
PhD in Structural Biology qualification (or equivalent standard for overseas applicants)	√	