

Job Description of Research Mentor

Broad Responsibilities

You will be responsible to provide guidance, support, and expertise to a mentee throughout their research process, helping them design experiments, analyze data, interpret findings, develop research skills, and navigate the academic landscape to achieve their research goals, while ensuring ethical conduct and responsible research practices are followed throughout the mentorship.

Principal Responsibilities:

1. **Project Guidance:** Assist in selecting a research topic, developing research questions, designing experiments, and outlining research methodologies.
2. **Technical Training:** Provide hands-on training on research techniques, data collection methods, and relevant software.
3. **Data Analysis and Interpretation :** Guide the mentee in analyzing data, interpreting results, and drawing meaningful conclusions.
4. **Academic Development :** Assist with writing research papers, preparing presentations, and applying for research grants.
5. **Career Counseling :** Offer career advice, discuss potential research paths, and help navigate professional development opportunities.
6. **Ethical Oversight :** Ensure adherence to research ethics, responsible conduct of research principles, and compliance with relevant regulations.
7. **Regular Feedback :** Provide constructive feedback on research progress, methodology, and written work.
8. **Mentorship Meetings:** Schedule regular one-on-one meetings to discuss research progress, challenges, and future directions.