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## Job Description

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**Plasma Power Propulsion Laboratory Researcher 5**

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**Job ID** 358289

**Full/Part Time** Full-Time

**Location** Twin Cities

**Regular/Tem...** Regular

**Job Family** Research-Researchers

**Job Code** 9742R5

**Employee Class** Acad Prof and Admin

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### About the Job

**\*About the Job:**

3P Lab (Plasma Power Propulsion Lab) at the University of Minnesota is a cutting-edge research facility focused on plasma, energy and combustion research. We are dedicated to advancing knowledge and innovation in the field, working on projects that push the boundaries of combustion science and energy propulsion technologies. We are actively seeking a laboratory manager to work with Prof. Biswas, further enhancing the research initiatives at 3P Lab and making significant contributions to impactful scientific endeavors. Join 3P Lab, and be part of a vibrant research community dedicated to advancing the frontiers of energy and combustion science. Your contributions will drive innovation and shape the future of propulsion and energy technologies. If you're passionate about making a difference in these fields, we invite you to apply and be a vital part of our team.

**\*Duties/responsibilities**

The lab manager will provide support for day-to-day research operations across numerous projects and will participate in support of major proposals and research direction, with their major responsibilities falling into three distinct categories.

50% - Perform high level experimental, theoretical, and numerical research, collaborate with interdisciplinary team within the University of Minnesota and partner universities and industry.

35% - Presentation, publication, and proposal preparation, support the faculty supervisor in mentoring graduate students and lab technician research team members. This will include advice on technical questions, data analysis, and discussions on development of future research plans / directions. They will support the research team in operating with efficiency, including progress updates, organization and reporting of data and results, meetings, and lab communications. They will also be responsible for the organization and management of laboratories under faculty mentor's supervision.

15% - Manage lab safety, training, data, protocol, and administrative processes.

Other responsibilities will include:

- Help manage day-to-day operations across 10+ lab members and 2 lab spaces
- Oversee stock maintenance schedule and general un-kept across lab spaces