



Republic of the Philippines
Office of the President
Philippine Space Agency



Senior Science Research Specialist

Salary Grade: 19

Item Number: PHILSAB-SRSRS-20-2020

Division: Interdisciplinary Space Missions Development Division

Minimum Qualification Standards:

Education: Bachelor's degree relevant to the job

Experience: 2 years of supervisory/ management experience

Training: 8 hours of relevant training

Eligibility: Career Service Professional / Second Level Eligibility

Duties and Responsibilities:

- 1) Under direction, participate in the conduct of research and development (R&D) activities of the division regarding space science, astronomy, and astrophysics;
- 2) Assist in the direction, supervision, and programming of activities of the division, as well as in-earth and space missions activities in space exploration and observations, space environment utilization and space situational awareness;
- 3) Assist in development and planning of R&D proposals and missions in space exploration and observations, space environment utilization, and space situational awareness;
- 4) Develop scientific models, and perform numerical and analytical calculations, and design and implement physical simulations;
- 5) Design and perform scientific and technological experiments, and collect and analyze data;
- 6) Spearhead the utilization and maintenance of equipment and facilities necessary for the conduct of space science and space missions R&Ds;
- 7) Support in the preparation and implementation of key outputs in R&D and of the division;
- 8) Coordinate engage and represent the division in meetings, negotiations, conferences, and other intersectoral or interagency cooperative efforts both local and international for matters that can be resolved at his/her level;
- 9) Participate in related seminars, workshops, conferences, and capacity building and
- 10) Perform other tasks or functions that may be assigned from time to time.

Applicants who have all or any of the following background are encouraged to apply:

Educational Background:

A Masters degree in Physics, Applied Physics, Astronomy, Astrophysics, or other allied fields. Thesis or specialization in astrophysics, heliophysics, planetary science, deep space science, or space science technology applications in an advantage.

Experience:

- At least 2 years of relevant research experience.
- Exposure in the conduct of space science, astrophysics, heliophysics, planetary science or deep space science research/es
- Knowledge and exposure in modeling, programming, statistics and high level mathematics.

Competencies:

- Good communication skills;
- Capacity to conduct astrophysics, heliophysics, planetary science or deep space science research;
- Advanced knowledge and skills in methods of research, laboratory techniques, data processing and analysis, computational techniques, and technical paper and research proposal writing;
- Capability to relate to PhilSA activities with the core principles and concepts of interdisciplinary science, technology, and applications which altogether contributes to the PhilSA's goals in advancing space R&Ds.



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