



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY**



**MEMORANDUM**



**FOR :**

DR. NANCY A. BANTOG, DOST-CAR  
MR. JOSE B. PATALINJUG, III, DOST-NCR  
DR. ARMANDO Q. GANAL, DOST -I  
ENGR. SANCHO A. MABBORANG, OIC, DOST-II  
DR. JULIUS CAESAR V. SICAT, DOST-III  
Ms. EMELITA P. BAGSIT, OIC, DOST-CALABARZON  
DR. MA. JOSEFINA P. ABILAY, DOST-MIMAROPA  
MR. ROMMEL R. SERRANO, DOST-V  
ENGR. ROWEN R. GELONGA, DOST-VI  
ENGR. JESUS F. ZAMORA, JR., OIC, DOST-VII  
ENGR. ERNESTO M. GRANADA, DOST-VIII  
MR. MARTIN A. WEE, DOST-IX  
MR. ALFONSO P. ALAMBAN, DOST-X  
DR. ANTHONY C. SALES, DOST-XI  
ENGR. SAMMY P. MALAWAN, DOST-XII  
MS. IMELDA S. MEZO, OIC, DOST-CARAGA



**ATTENTION :** Human Resource Management Officers

**FROM :** *[Signature]*  
**DR. DIANA L. IGNACIO**  
Assistant Secretary for Human Resources Management,  
Management Services, and Special Concerns

**DATE :** 23 June 2021 *[Initials]*

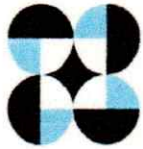
**SUBJECT :** **POSTING OF ANNOUNCEMENT OF  
VACANT SCIENTIST POSITIONS**

May we request your favorable consideration for the posting of the attached Notice of Vacancy in the Department of Science and Technology – Central Office for the following vacant Scientist positions, in your respective agency bulletin boards and websites:

Position Title / Salary Grade	Item Number	Place of Assignment
Associate Scientist / SG-25	OSEC-DOSTB-ASSCIEN-11-1998	Office of the Secretary / Food and Nutrition Research Institute (FNRI)
Associate Scientist / SG-25	OSEC-DOSTB-ASSCIEN-12-1998	Office of the Secretary / Industrial Technology Development Institute (ITDI)
Associate Scientist / SG-25	OSEC-DOSTB-ASSCIEN-13-1998	Office of the Secretary / Philippine Institute of Volcanology and Seismology (PHIVOLCS)
Associate Scientist / SG-25	OSEC-DOSTB-ASSCIEN-14-1998	Office of the Secretary / Philippine Atmospheric Geophysical, Astronomical Services Administration (PAGASA)
Associate Scientist / SG-25	OSEC-DOSTB-ASSCIEN-19-1998	Office of the Secretary / Philippine Council for Health Research and Development (PCHRD)
Assistant Scientist / SG-24	OSEC-DOSTB-ATSCIEN-8-1998	Office of the Secretary / Metals Industry Research and Development Center (MIRDC)

Please be informed that the deadline for submission of applications is on **23 July 2021**.

Thank you.



Republic of the Philippines

## DEPARTMENT OF SCIENCE AND TECHNOLOGY



### NOTICE OF VACANCY

The Office of the Secretary, Department of Science and Technology (DOST), is looking for qualified personnel to fill up **five (5) ASSOCIATE SCIENTIST** and **one (1) ASSISTANT SCIENTIST** (Permanent) positions stated in the attached Annex.

Interested and qualified applicants may submit their requirements personally, through mail, or online **on or before 23 July 2021**. For online applications, it is expected that original copies will be presented to the **DOST-Office of the Undersecretary for R&D** for verification within 10 calendar days. Only those applications with complete requirements as enumerated below shall be entertained.

1. Letter of Application
2. Personal Data Sheet (CSC Form 212, Revised 2017) with latest passport-sized ID picture, name tag, and Work Experience Sheet
3. Photocopy of Diploma
4. Photocopy of Transcript of Records
5. Authenticated Certificate of Eligibility/Board Exam
6. Certificate/s of Trainings/Seminars/ and Awards
7. Performance Evaluation Rating in the last rating period or its equivalent
8. Certificate/s of Previous Employment with No Pending Administrative Charge
9. Copy of valid NBI Clearance

Please send your letter of application with complete documentation to:

**DR. ROWENA CRISTINA L. GUEVARA**  
Undersecretary for Research and Development  
Department of Science and Technology

Office Address: 2/F ADMATEL Bldg., DOST Compound,  
Gen. Santos Avenue, Bicutan, Taguig City  
E-mail address: **ousec.rd@dost.gov.ph**

As an advocate of the Equal Employment Opportunity Principle (EEOP), the DOST-Central Office encourages and welcomes all applicants regardless of age, religion, political affiliation including persons with disability, members of indigenous communities, and those from any sexual orientation and gender identities.



Department of Science and Technology  
**Vacant Positions for ASSOCIATE AND ASSISTANT SCIENTIST**  
 Deadline of submission: 23 July 2021

Position title/ SG/ Office of Assignment	Education	Experience	Training	Eligibility	Publications	Terms of Reference/ Scope of Work
Associate Scientist  SG 25  DOST-Food and Nutrition Research Institute (FNRI)	Doctoral degree relevant to the job.  Preferably PhD in Nutrition / Applied or Nutrition Epidemiology.	Five (5) years of relevant experience	32 hours of relevant training	PD 997 / RA 1080 / Career Service Professional	With at least six (6) published manuscript in scopus, peer reviewed journals	<ol style="list-style-type: none"> <li>1. Conceptualize, plan, direct and supervise S&amp;T activities on specific priority areas</li> <li>2. Coordinate the systematic and periodic evaluation and monitoring of programs/projects and/or conduct R&amp;D on specific priority areas</li> <li>3. Provide technical assistance to co-workers/peers</li> <li>4. Provide technical support to the DOST Secretary/ FNRI Director</li> <li>5. Assist FNRI in the development, coordination, and supervision of S&amp;T activities</li> <li>6. Collaborate with various offices/ institutions regarding the implementation, evaluation and monitoring of programs/ projects</li> </ol>
Associate Scientist  SG 25  DOST – Industrial Technology Institute of the Philippines – Virology and Vaccine S&T Institute of the Philippines (VIP)	Doctoral degree relevant to the job.  PhD in Virology, Microbiology, Molecular Biology, Biochemistry, or related fields.  Preferably with Postdoc in	<p>Five (5) years of relevant productive and extensive professional R&amp;D experience</p> <p>Preferably with experience in virus diagnostics, therapeutics, and vaccine research.</p> <p>Must have implemented at least two (2) R&amp;D projects as Project Leader.</p>	32 hours of relevant training	PD 997 / RA 1080 / Career Service Professional	At least three (3) published research paper/article, excluding thesis/ dissertation, in refereed journals as sole author or co-author even before or after obtaining the PhD degree	<ol style="list-style-type: none"> <li>1. Identify priority viruses based on their geographic distribution, incidence, and effects on production and yield.</li> <li>2. Conduct research on viruses, including but not limited to:               <ol style="list-style-type: none"> <li>a. Determine the etiology, epidemiology, and control of virus diseases;</li> <li>b. Comprehensive immunological studies on virus interaction;</li> <li>c. Develop biological and molecular tools for effective characterization and diagnosis of viruses/strains and to study host-pathogen</li> </ol> </li> </ol>

Position title/ SG/ Office of Assignment	Education	Experience	Training	Eligibility	Publications	Terms of Reference/ Scope of Work
	Virology, Microbiology, Molecular Biology, Biochemistry, or related fields.					<p>interactions; parasitic, other neglected/emerging tropical diseases that are non-virus</p> <p>d. Work with biomedical research institutes and molecular biologists to determine the mechanisms of virus disease resistance and develop virus resistance or utilizing novel resistance mechanisms;</p> <p>e. Work with relevant agencies to develop and disseminate integrated disease management packages.</p> <p>3. Create strategic networks among scientists, advanced research institutes, and other partners to advance virus research and the impact of research results.</p> <p>4. Prepare, coordinate and develop grant proposals for multidisciplinary research and development projects for the VIP.</p> <p>5. Present and publish research outputs in peer-reviewed journals and other appropriate formats.</p> <p>6. Create a work plan/roadmap in relation to the activities of VIP.</p> <p>7. Train and mentor VIP staff to build capacity in all aspects of virus research.</p>
Associate Scientist SG 25  DOST – Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)	Doctoral degree in the fields of natural, physical or engineering sciences	Five (5) years of relevant experience after obtaining the PhD degree or its equivalence	32 hours of relevant training	PD 997 / RA 1080 / Career Service Professional	At least two (2) published research paper/article, excluding thesis/ dissertation, in refereed	<ul style="list-style-type: none"> <li>• Conceptualize, plan, direct and supervise S&amp;T activities on specific priority areas</li> <li>• Coordinate the systematic and periodic evaluation and monitoring of programs/projects and/or conduct R&amp;D on specific priority areas</li> </ul>



Position title/ SG/ Office of Assignment	Education	Experience	Training	Eligibility	Publications	Terms of Reference/ Scope of Work
	relevant to the job				journals as sole author or co-author even before or after obtaining the PhD degree	<ul style="list-style-type: none"> <li>• Provide technical assistance to co-workers/peers</li> <li>• Provide technical support to the DOST Secretary/PAGASA Administrator</li> </ul> <p>Must have experience and be able to conduct Applied researches that will improve PAGASA's operational services as follows:</p> <ol style="list-style-type: none"> <li>1. Marine Meteorological Services <ul style="list-style-type: none"> <li>• Storm Surge, Wave modeling and forecasting</li> <li>• Forecast guidance development for different ship routes in the Philippines</li> </ul> </li> <li>2. Weather Forecasting Services <ul style="list-style-type: none"> <li>• Quantitative precipitation forecasting</li> <li>• Impact-based/risk-based forecasting</li> <li>• Ensemble and probabilistic forecasting using numerical models</li> <li>• Remote sensing applications to weather forecasting (assimilation satellite/radar data in numerical prediction)</li> </ul> </li> <li>3. Tropical Cyclone (TC) Forecasting <ul style="list-style-type: none"> <li>• TC intensity prediction: Sudden intensification/weakening</li> <li>• Quantitative TC rainfall forecasting</li> <li>• Extreme wind probability forecasting</li> </ul> </li> </ol>

Position title/ SG/ Office of Assignment	Education	Experience	Training	Eligibility	Publications	Terms of Reference/ Scope of Work
						<p>4. Climate and Agrometeorological Services</p> <ul style="list-style-type: none"> <li>• Climate change studies: projections, impacts and risk assessments</li> <li>• Development of climate related health indices</li> <li>• Seasonal and Sub-seasonal forecasting</li> <li>• Seasonal crop modeling</li> </ul> <p>5. Hydrometeorological Services (Floods and Landslides)</p> <ul style="list-style-type: none"> <li>• Flood modeling, forecasting and warning</li> <li>• Landslide forecasting and warning</li> <li>• Hazard mapping, vulnerability and risk assessment</li> </ul> <p>6. Warning &amp; other information Communication Services Social science application in weather and climate</p> <ul style="list-style-type: none"> <li>• Development of risk/warning information systems tailored-fit to stakeholders needs</li> <li>• Risk communication studies and strategy</li> </ul> <p>Communicating uncertainties</p>
<p>Associate Scientist</p> <p>SG 25</p> <p>DOST – Philippine Institute of Volcanology and Seismology (PHIVOLCS)</p>	<p>Doctoral degree relevant to the job.</p> <p>Preferably in the fields of natural,</p>	<p>Five (5) years of relevant experience</p> <p>Preferably with expertise and published works on areas of seismology or volcanology or earthquake geology or on the</p>	<p>32 hours of relevant training</p>	<p>PD 997 / RA 1080 / Career Service Professional</p>	<p>At least two (2) published research paper/article, excluding thesis/ dissertation, in refereed</p>	<ul style="list-style-type: none"> <li>• Conceptualize, plan, direct and supervise S&amp;T activities on specific priority areas</li> <li>• Coordinate the systematic and periodic evaluation and monitoring of programs/projects and/or conduct R&amp;D on specific priority areas</li> <li>• Provide technical assistance to co-workers/peers</li> </ul>

Position title/ SG/ Office of Assignment	Education	Experience	Training	Eligibility	Publications	Terms of Reference/ Scope of Work
	physical, engineering or social sciences related to disaster risk reduction	<p>interactions between earthquake or volcano hazards and disaster risk reduction with communities</p> <p>With at least 5 years work experience in seismology or volcanology or earthquake geology or DRR-geological hazards specialization.</p> <p>With at least 5 years work experience in research project development and management, and with at least 5 years of those in supervising junior research staff, and managing externally-funded research grants</p>			journals as sole author or co-author even before or after obtaining the PhD degree	<p>Provide technical support to the DOST Secretary/Undersecretary for STS, PHIVOLCS Head of Office</p> <p><u>Research</u></p> <ol style="list-style-type: none"> <li>1. Designs, develops and implements research studies aligned primarily with the vision and mission of the Institute, with a clear iteration of objectives, target audiences, deliverables, and monitoring and evaluation;</li> <li>2. Supervises junior researchers by giving regular guidance and direction, reviewing processes to ensure meeting the research objectives, monitoring and ensuring the quality of results,</li> <li>3. Identifies and considers complementary skills of researchers, ensures opportunities for development, and builds a balanced team;</li> <li>4. Secures project funds and new funding opportunities, and provides accountability to grant and funding institutions;</li> <li>5. Works with institute and department communications group to design and implement effective means to disseminate research results.</li> </ol> <p><u>Partnership</u></p> <p>Builds relationships with research partners and key grant sources, and help strengthen existing partnerships, including with other government agencies, private organizations, academic and research institutions, and other relevant partners.</p>



Position title/ SG/ Office of Assignment	Education	Experience	Training	Eligibility	Publications	Terms of Reference/ Scope of Work
Associate Scientist  SG 25  DOST – Philippine Council for Health Research and Development (PCHRD)	Doctoral degree relevant to the job.  Preferably medical doctor, natural, and health sciences related courses	Five (5) years of relevant experience  Preferably with experience in health research system management, R&D priority setting, science – based policy development, networking/ linkages, and resource mobilization	32 hours of relevant training	PD 997 / RA 1080 / Career Service Professional	At least two (2) published research paper/article, excluding thesis/ dissertation, in refereed journals as sole author or co-author	1. Assists the PCHRD Executive Director in the conceptualization, planning, directing, and supervising the S&T activities of the Council. 2. Supervises the technical and administrative functions or activities of the Council. 3. Coordinates the systematic and periodic evaluation, monitoring, and impact studies of the R&D programs. 4. Conducts basic and/or applied researches that fall within the priorities of the NUHRA and HNRDA upon the approval of the PCHRD ED in universities and research institutes that are members of the health research network or consortia including in DOST RDIs. 5. Provides technical assistance to co-workers/peers in the operation of the Council. 6. Assists the PCHRD Executive Director in the PNHRs management and international linkages. 7. Assists and provide technical support to the DOST Secretary and PCHRD Executive Director.
Assistant Scientist  SG 24  DOST-Metals Industry Research and Development Center (MIRDC)	Master's degree holder in Mechanical Engineering, Mechatronics Engineering, Agricultural Engineering or Metallurgical Engineering.	At least 10 years of productive professional research and development (R&D) work in any of the following fields:  a. agricultural machine design, prototype fabrication and testing in both pre	24 hours of relevant training	RA 1080/ Career Service Professional	At least one (1) published research paper/article, excluding thesis/ dissertation, in refereed journals as sole author or co-author even before or after	1. Conceptualize, plan, direct and supervise S&T activities on specific priority areas of the MIRDC 2. Take a lead role in writing technical papers for publication in refereed journals and/or present research outputs in national or international conferences 3. Provide technical assistance, guidance and mentoring to peers, co-workers and subordinates in the MIRDC



Position title/ SG/ Office of Assignment	Education	Experience	Training	Eligibility	Publications	Terms of Reference/ Scope of Work
	PhD in Engineering is an advantage.	<p>and post-harvest applications;</p> <p>b. industrial machine design, prototype fabrication and testing related to mass transport, or in security and defense including the AFP's Self Reliance Defense Posture (SRDP) program;</p> <p>c. design, prototype fabrication and testing of health-related devices;</p> <p>d. metallic product development from the conception of the idea to commercialization</p>			<p>obtaining the MS degree, or,</p> <p>At least five (5) Intellectual Property Rights (Inventions Utility Model and Industrial Design) as first or second author even before or after obtaining the MS degree.</p>	<p>4. Collaborate with scientists and researchers from the academe, industry and other government research institutes on the deliverables of the MIRDC.</p> <p>5. Provide technical support to the DOST Secretary/MIRDC Executive Director</p> <p>6. Recommend improvements in work arrangements, procedures, processes and/or innovative business model/s to enhance the MIRDC operation, conduct of R&amp;D activities, delivery of services, and/or attainment of desired outputs/outcomes.</p>
		<p>2. Possesses excellent communication and presentation skills,</p> <p>3. Advance skills in computer simulations, problem-solving, data analysis and engineering.</p>				