



Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY



NOTICE OF VACANT POSITIONS

The Office of the Secretary - Department of Science and Technology is looking for qualified personnel to fill up **four (4) 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 29 October 2021**. For applications submitted online, 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. Application Letter
2. Personal Data Sheet (CSC Form 212, Revised 2017) with latest passport size ID picture & Work Experience sheet
3. Photocopy of Transcript of Records
4. Photocopy of Diploma
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 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: 2nd Floor., ADMATEL Bldg., DOST Compound
Gen. Santos Ave., Bicutan, Taguig City

Email 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: 29 October 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"> 1. Conceptualize, plan, direct and supervise S&T activities on specific priority areas 2. Coordinate the systematic and periodic evaluation and monitoring of programs/projects and/or conduct R&D on specific priority areas 3. Provide technical assistance to co-workers/peers 4. Provide technical support to the DOST Secretary/ FNRI Director 5. Assist FNRI in the development, coordination, and supervision of S&T activities 6. Collaborate with various offices/ institutions regarding the implementation, evaluation and monitoring of programs/ projects
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.	<p>Five (5) years of relevant productive and extensive professional R&D experience</p> <p>Preferably with experience in virus diagnostics, therapeutics, and vaccine research.</p> <p>Must have implemented at least two (2) R&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"> 1. Identify priority viruses based on their geographic distribution, incidence, and effects on production and yield. 2. Conduct research on viruses, including but not limited to: <ol style="list-style-type: none"> a. Determine the etiology, epidemiology, and control of virus diseases; b. Comprehensive immunological studies on virus interaction; c. Develop biological and molecular tools for effective characterization and diagnosis of viruses/strains

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	Preferably with Postdoc in Virology, Microbiology, Molecular Biology, Biochemistry, or related fields.					<p>and to study host-pathogen 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>

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Associate Scientist SG 25 DOST – Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)	Doctoral degree in the fields of natural, physical or engineering sciences relevant to the job	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 journals as sole author or co-author even before or after obtaining the PhD degree	<ul style="list-style-type: none"> • Conceptualize, plan, direct and supervise S&T activities on specific priority areas • Coordinate the systematic and periodic evaluation and monitoring of programs/projects and/or conduct R&D on specific priority areas • Provide technical assistance to co-workers/peers • Provide technical support to the DOST Secretary/PAGASA Administrator <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"> 1. Marine Meteorological Services <ul style="list-style-type: none"> • Storm Surge, Wave modeling and forecasting • Forecast guidance development for different ship routes in the Philippines 2. Weather Forecasting Services <ul style="list-style-type: none"> • Quantitative precipitation forecasting • Impact-based/risk-based forecasting

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						<ul style="list-style-type: none"> Ensemble and probabilistic forecasting using numerical models Remote sensing applications to weather forecasting (assimilation satellite/radar data in numerical prediction) <p>3. Tropical Cyclone (TC) Forecasting</p> <ul style="list-style-type: none"> TC intensity prediction: Sudden intensification/weakening Quantitative TC rainfall forecasting Extreme wind probability forecasting <p>4. Climate and Agrometeorological Services</p> <ul style="list-style-type: none"> Climate change studies: projections, impacts and risk assessments Development of climate related health indices Seasonal and Sub-seasonal forecasting Seasonal crop modeling <p>5. Hydrometeorological Services (Floods and Landslides)</p> <ul style="list-style-type: none"> Flood modeling, forecasting and warning Landslide forecasting and warning

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						<ul style="list-style-type: none"> Hazard mapping, vulnerability and risk assessment <p>6. Warning & other information Communication Services Social science application in weather and climate</p> <ul style="list-style-type: none"> Development of risk/warning information systems tailored-fit to stakeholders needs Risk communication studies and strategy Communicating uncertainties
Associate Scientist SG 25 DOST – Philippine Council for Health Research and Development (PCHRD)	<p>Doctoral degree relevant to the job.</p> <p>Preferably medical doctor, natural, and health sciences related courses</p>	<p>Five (5) years of relevant experience</p> <p>Preferably with experience in health research system management, R&D priority setting, science – based policy development, networking/ linkages, and resource mobilization</p>	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	<ol style="list-style-type: none"> Assists the PCHRD Executive Director in the conceptualization, planning, directing, and supervising the S&T activities of the Council. Supervises the technical and administrative functions or activities of the Council. Coordinates the systematic and periodic evaluation, monitoring, and impact studies of the R&D programs. 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.

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						<ol style="list-style-type: none"> 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. PhD in Engineering is an advantage.	At least 10 years of productive professional research and development (R&D) work in any of the following fields: <ol style="list-style-type: none"> a. agricultural machine design, prototype fabrication and testing in both pre and post-harvest applications; b. industrial machine design, prototype fabrication and testing related to mass transport, or in security and defense including the AFP's Self Reliance Defense 	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 obtaining the MS degree, or, At least five (5) Intellectual Property Rights (Inventions Utility Model and Industrial Design) as first or second author even	<ol style="list-style-type: none"> 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 4. Collaborate with scientists and researchers from the academe, industry and other government research institutes on the deliverables of the MIRDC. 5. Provide technical support to the DOST Secretary/MIRDC Executive Director

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		<p>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>2. Possesses excellent communication and presentation skills,</p> <p>3. Advance skills in computer simulations, problem-solving, data analysis and engineering.</p>			before or after obtaining the MS degree.	6. Recommend improvements in work arrangements, procedures, processes and/or innovative business model/s to enhance the MIRDC operation, conduct of R&D activities, delivery of services, and/or attainment of desired outputs/outcomes.

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