

PCHRD

List of GIA Projects As Programmed

FY 2017

Program/ Project Title	Objectives / Deliverables	Project Duration	Implementing Agency	Beneficiaries	Location	2017
Program: Drug Discovery and Development						80,000,000
Drug Discovery and Development from Mindanao Indigenous Plant Species Phase 2	MSU-IIT was established as one of the Tuklas Lunas Development Centers in Mindanao to harness the biodiversity in Mindanao for therapeutic potential. The program aims to develop potential anti-	2016 -2020	Mindanao State University - IIT	Researchers; Academe; Filipino population; Local herbal and pharmaceutical industry		3,500,000
Myko-mining of Wild Edible Mushrooms and Other Allied Species in Central Luzon for their Medicinal Properties	The project aims to screen Philippine edible mushrooms for anti-inflammatory, anti-hypertensive, anti-hyperglycemic, anti-microbial and anti-cancer activities and document traditional knowledge of Filipinos on mushrooms and its cultivation;	2016 -2020	Central Luzon State University			3,500,000
Exploring the Potentials of Philippine Ferns and Lycopods as Therapeutics for Chronic Inflammation and Cancer	The project aims to screen for and isolate anti-inflammatory and anti-cancer compounds from ferns and lycopod species collected from Mindanao, and conduct ethnopharmacological surveys to verify claims on the use of ferns and lycopods for medicinal purposes;	2016 -2020	Central Mindanao University		Region 10	2,500,000
Molecular Discovery Project from Selected Philippine Indigenous Medicinal Plants for Treatment of Diabetes Mellitus	The program will conduct in vivo and in vitro tests to isolate, characterize and evaluate insulin mimetics and a-amylase and a-glucosidase inhibitors from plants in a published journal and through a local survey.	2016 -2020	Visayas State University		Region 8	2,500,000
Identification, Isolation and Characterization of Bioactive Metabolites from Terrestrial Plants and Maritime Organisms Used by Herbalists in Cebu Province	The program aims to validate the folkloric medicinal use of selected plants and screen plants for anti-microbial and anti-diabetic properties.	2016 -2020	University of San Carlos		Region 7	2,500,000
Modulatory Role of Indigenous Medicinal Plants Identified in Ilocos Norte in Acute and Chronic Inflammatory Diseases	The project involves the screening and phytochemical profiling of endemic and traditional used medicinal plants in the Ilocos region	2016 -2020	Mariano Marcos Memorial State University		Region 1	2,000,000
Tuklas Lunas for Marine Actinobacteria	The projects aims conduct rapid screening of possible drug candidates from actinobacteria in Iloilo employing metabolic techniques	2016 -2020	University of San Agustin		Region 6	16,000,000
Addressing the Challenges of Re-emerging Infections and Chronic Diseases through Bioactives from Mount Makiling Watershed, Philippines	The proposal aims to tap the biodiversity of Mount Makiling for biologically active substances that can be used to promote human health and well-being. Central in this program proposal is the generation of an extract library. Sourced from plants and microorganisms, the library will serve as the depot of the biomaterials from which bioactives can be isolated and characterized.	2016 -2020	UP Los Banos		Region 4-A	12,000,000

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Pre-clinical Evaluation and Chemical Standardization of Moringa oleifera as anti-inflammatory, anti-hypertensive and anti-hyperglycemic agent	The program aims to formulate and standardize malunggay extracts for inflammation, hypertension and hyperglycemia;	2016 -2020	UP Manila / UP Diliman	Researchers; Academe; Filipino population; Local herbal and pharmaceutical industry	NCR	3,500,000
Preformulation and Formulation Studies of Citrus Peel Extracts (CPEs) and Excipients from Alternative, Indigenous Natural Resources	The program aims to conduct formulation studies on identified bioactive extracts and conduct pre-clinical safety and toxicity studies on	2016 -2020	UP Manila / UP Diliman		NCR	4,500,000
Natural Products for the Mitigation of Degenerative Diseases Associated with Aging	a. To establish the proof of principle for the phenomenon of synergy in Vitex negundo ad Curcuma longa using cell-based and in vivo zebrafish assays for angiogenic and neuroprotective activities b. To develop a new methodology which will be able to detect synergistic, additive or antagonistic effects in medicinal plants c. To combine the methods of bioassay-guided fractionation and synergy that will accelerate the development of medicinal plants	2016 -2020	Ateneo De Manila University		NCR	8,000,000
Chemical Modifications of Natural Products with Cytotoxic, Anti-infective and Anti-inflammatory Properties	To conduct synthesis of natural-products derived compounds with cytotoxic, anti-infective and anti-inflammatory properties	2016 -2020	University of Santo Tomas		NCR	8,000,000
Discovery and Development of Health Products: Drug Delivery Systems	The aim of this sub-program is (1) to develop or adapt novel /known drug delivery approaches specifically tailored to priority diseases and specific target tissues; (2) to understand the biochemical and physical properties of the delivery systems, the target sites, their environment, and their interactions with one another to assure the success of the drug design. In addition, nano-based DDS requires (3) morphological characterization to understand what controls surface and interfacial phenomena through the use of surface-specific techniques.	2016 -2020	UP Diliman		NCR	15,000,000
Program: Diagnostics						40,000,000
Nanomagnetic Bead Functionalization for Mycobacterium tuberculosis Specific Nucleic Acid Extraction and Molecular Diagnostics	TB kit for early detection in Filipinos	2016 -2020	De La Salle University	TB patients and immediate family, Researchers, Health Industry, Policy Makers	NCR	8,000,000
Developing and Optimizing Quantification Methods for Marine Biotoxins in Human Biological Samples and Formulation of Risk Analysis of Harmful Algal Bloom (HAB)-related Food-borne Illness	Availability of harmful algal bloom detection protocol to reduce public health risks caused by HAB-related food-borne illness.	2016 -2020	UP DILIMAN	General population; Researchers; Health professionals; Health Industry; Policy makers		3,000,000

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Development of Nanomaterial-Based Point of Care Test for the Detection of Pathogenic Bacteria	Availability of point of care test for testing and screening for common urinary tract infection.	2016 -2020	St Luke's Med Cenater	General population; Researchers; Health professionals; Health Industry; Policy makers	NCR	1,200,000
Development of Aptasensor Based on ssDNA/Piezoelectric Quartz Crystal Sensing for Direct Label-Free Detection of Target Proteins using Aptamers Selected by Microfluidic Chip-Capillary Electrophoresis Device	The development of this biosensor will lead to clinical trial for important proteins with biomedical significances.	2016 -2020	University of Santo Tomas			5,000,000
Development of a Gold Nanoparticle Labeled Sandwich Format Lateral Flow Immunoassay Kit for the Detection of House Dust Mite (Blomia tropicalis and Suidasia Pontifica) Allergens	Easier detection of allergens in the environment and allergies management.	2016 -2020	University of Santo Tomas			3,000,000
Development of a Point-of-Care Diagnostic Test for Detecting Dengue Infections	Availability of a sensitive, user-friendly, rapid and affordable test for dengue.	2016 -2020	St Luke's Med Cenater	Dengue patients, health professionals, researchers, Households	NCR	4,800,000
Electrochemiluminescence Biosensor for Tuberculosis Detection (EBTB)	Availability of a faster and easier detection test for tuberculosis.	2016 -2020	RITM	TB patients and immediate family, Reseachers, Health Industry, Policy Makers	NCR	10,000,000
Nationwide Intensive Profiling of Dengue Trends Using Rapid Diagnostics	Assessment of trends in dengue using rapid diagnostic test for dengue	2016 -2020	St Luke's Med CenTER/DOH NCRO	Dengue patients, health professionals, researchers, Households	NCR	5,000,000
Program: Dengue						26,500,000
Molecular Detection of Arbovirus Infections among Stored Acute Febrile Illness Blood Samples in the Philippines	The project aims to establish a laboratory-supported database of the arboviral etiology of acute febrile illnesses in the Philippines.	2016 -2020	UP Manila	Dengue patients, health professionals, researchers, Households	NCR	3,500,000
Effect of Baseline Dengue Serostatus Among Tetravalent Dengue Vaccine CYD-TDV (Dengvaxia) Recipients on Subsequent Virologically Confirmed Dengue in the Philippines	policy on dengue vaccination	2016 -2020	UP Manila - NIH	Dengue patients; health professionals; Researchers; Academe; Policy Makers	NCR	3,500,000
Dry Season Dengue Mosquito Management (DrySDeMMaP)	policy on vector control	2016 -2020	UPLB		Region 4-A	5,500,000
Pyrethroid Susceptibility of Dengue Mosquito Larvae Collected from Household Containers in Selected Cities in the National Capital Region	Vector control policy (mosquito space spray)	2016 -2020	UP Manila - CPH		1,500,000	
Spatio-Temporal Analysis, Mapping, Modelling and Prediction of Dengue Occurences and Outbreaks (STAMP-Dengue)	mitigation of dengue outbreaks	2016 -2020	UP Diliman	NCR	3,500,000	

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Genome editing of Aedes aegypti	Cost-effective and disruptive technology that can potentially and realistically end the problem of dengue	2016 -2020	UP Diliman			3,500,000
Gene silencing mosquito spray	decrease mosquito density	2016 -2020	UP Diliman			5,500,000
Program: Genomics and Molecular Technology Program						34,400,000
Establishment of a human cell culture model as a bioassay for cellular senescence	The project aims to establish a culture assay for normal cells that may be further developed for drug discovery studies, particularly those with potential to treat diseases associated with cellular senescence such as chronic inflammatory diseases.	2016 -2020	Philippine Genome Center	Researchers; clinicians, patients-at-risks, drug developers, Policy Makers	NCR	1,000,000
Promoter-based Drug Screen for Prostate Cancer Therapy	The proposal aims to establish assay platform and identify compounds/extracts that can selectively modulate full length androgen receptor (AR) and inhibit mutant AR activity. The screening assay will be used to identify from a herbal extract library the extract/extracts/compounds that are potential	2016 -2020	UP Diliman			1,500,000
Adiponectin, GLUT-1, TNF- α , IL-6, Ferritin, and Insulin, as Biomarkers for Gestational Diabetes Mellitus	This study will examine the level of total adiponectin, GLUT-1, TNF- α , IL-6, ferritin and insulin in pregnant women during their first and third trimesters of pregnancy and compare with the results of OGTT and the diagnosis of their obstetrics-gynecologists	2016 -2020	NIMBB			1,200,000
Detection and functional characterization of KRAS, PIK3CA, BRAF, PTEN, and AKT1 gene mutations in Filipino colorectal cancer patients	To do mutational screening in the KRAS, NRAS, PIK3CA, BRAF, and PTEN genes in colorectal cancer patients and conduct functional analysis on novel mutations identified in order to provide clinically relevant biomarkers that can be translated to commercial test kits for predicting drug response to anti-EGFR therapy.	2016 -2020	UP Manila Development Foundation, Inc.			2,500,000
Responding to the Philippine HIV epidemic: An HIV Drug Resistance Surveillance Library and Development of Molecular Diagnostics for Drug-Resistance Detection Part 2: Analysis and Prevalence of Pre-treatment Drug Resistance	The project aims to determine HIV drug resistance among treatment-naïve Filipinos diagnosed with HIV and build a drug-resistance library that will document all discovered, archived and resistance mutations in the country.	2016 -2020	UP Manila Development Foundation, Inc.			HIV Patients with drug resistance, health sector, researches, Policy makers,
Program on Human host and viral markers of dengue severity (knowledge generation on pathophysiological and molecular mechanisms of dengue severity)	Program aims to optimize molecular technology platforms for the use in sexual assault investigations, kinship analysis and victim identification	2016 -2020	UP Diliman	Researchers; clinicians, patients-at-risks, drug developers, Policy Makers	NCR	4,500,000
Validation of use of Molecular Technologies for Forensics for the use in criminal investigations, kinship analysis and victim identification	Program aims to optimize molecular technology platforms for the use in sexual assault investigations, kinship analysis and victim identification	2016 -2020	UP Diliman			4,000,000
"IMP-XDP": Investigations on the Molecular Pathogenesis of X-linked Dystonia Parkinsonism	Project aims to identify and elucidate molecular mechanisms contributing to XDP pathogenesis	2016 -2020	UP Diliman			3,500,000

NCR

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Development of molecular vehicles for targeted drug delivery	Program aims to Develop, validate, and test the use of different molecular vehicles for targeted drug delivery	2016 -2020	UP Diliman	Researchers; clinicians, patients-at-risks, drug developers, Policy Makers		5,000,000
Omic Research Programs on Neurological/ Neurodegenerative/ Mental Health Conditions	Program aims to look at Genomics, transcriptomic etc. markers related to Neurological/ Neurodegenerative/ Mental Health Conditions that can be used as markers for disease susceptibility.	2016 -2020	UP Diliman			5,000,000
Data Mining of Priority Diseases Using Bioinformatics for Molecular Technology Applications for Health	Program aims to mine and robustly analyze Omics data on Top Priority Diseases using bioinformatic techniques for molecular Technology applications for Health	2016 -2020	UP Diliman			5,000,000
Program: Functional Foods						1,000,000
Development of Low-Cost Microencapsulated Products from Duhat and Bignay for Delivery of Functional Food Components	readily available and low cost microencapsulated duhat and bignay food products	2018 - 2020	UPLB	General population; Researchers, Health industry, Policy makers	Region 4-A	
Development of Papaya Leaves Puree as Alternative Management for Increasing Platelet Count	developed puree as alternative management for increasing platelet count	2018 - 2020	Carlos Hidalgo Memorial State College, Bacolod (REG 6)		Region 6	
Prevention and Management of Alzheimer's Disease in Streptozotocin-treated Rats using Virgin Coconut Oil	readily available vco for alzheimer	2018 -2020	ADMU	Patients-at-risk; Researchers; Industry; Policy makers	NCR	
Sociocultural Mapping and Health benefits of fermented foods on the cardiovascular, endocrine and immune system of the people of the cordillera administrative region (CAR): Exploring the role of pro/prebiotic biomarkers Project 2A - Association between consumption of fermented rice and wine with the cardiovascular, endocrine and immune system of people of CAR Project 2B - Effect of environment and food interaction on the health status of an ethnolinguistic group of the Philippines	determined health benefits of fermented foods for cardiovascular, endocrine and immune system enhancement	2018 - 2020	UP Manila	General population; Researchers, Health industry, Policy makers		
Determination of the nutritional profile, metabolic bioactivity and the probiotic and prebiotic potentials of rice wine and lees from the Cordillera Autonomous Region	Determine health benefits of rice wine and lees with probiotic/prebiotic potentials	2017 - 2020	UP Manila			
Potential Presence of Antihypertensive Peptides (Angiotensin I Converting Enzyme (ACE) Inhibitory Peptides) in Select Philippine Fermented Food	Screened fermented products with antihypertensive property	2017 - 2020	FNRI			350,000
Program: Other Health Priority Areas (OPA)						28,000,000

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A Cross-Sectional Study on the Seroprevalence of Zika Virus Infection Among Filipino Children with Isolated Microcephaly	lower incidence of Zika infection	2016 - 2020	RITM		NCR	3,500,000
Incidence of HIV in a cohort of men who have sex with men in Metro Manila	The primary objective of the study is to determine the incidence of HIV in a cohort of men who have sex with men (MSM) in Metro Manila. SECONDARY OBJECTIVES: 1. To describe the characteristics, behaviors and practices of MSM. 2. To describe the knowledge, attitude and perception of HIV of MSM. 3. To determine the factors that are associated with the incidence of HIV infection.	2016 - 2018	RITM	Patients-at-risk; Researchers; Health Industry, Policy Makers		5,000,000
The Philippine COPD Profile and Survival Study (CPASS): A multi-center, prospective cohort, observational study.	The Philippine COPD Profile and Survival Study will provide the necessary information, disease trends and statistics aimed to increase the understanding of physicians about the local phenotypic distribution of COPD and its survival pattern.	2016 - 2020	Research Institute for Tropical Medicine (RITM)		NCR	7,000,000
Prospective and Urban Rural Epidemiologic Study	The project aims to: 1. To develop cardiovascular risk calculators that are appropriate for individual countries or regions; 2. To assess the relative contributions of societal influences [as measured by each of the 4 domains of interest (built environment, nutrition, policy, psychosocial/socioeconomic factors and tobacco) on individual lifestyle choices (diet, activity) and on risk factor levels (INTERHEART score) obesity, DM and CVD (cross-sectional component). 3. To determine if societal changes in the above 4 domains over time affect behaviours, and risk factor levels.	2016 - 2020	Sagip Buhay Medical Foundation, Inc.	Patients-at-risk; Researchers; Health Industry, Policy Makers		6,500,000
Investigating the effect of Work Hazards and Air Pollutant Exposures of Jeepney Drivers in Metro Manila on their Occupational Health and Safety Conditions.”	to study the effects of work hazards and air pollutant exposures of jeepney drivers in Metro Manila for their occupational health and safety conditions	2016 - 2018	RITM			2,500,000

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Impact Assessment of the project entitled, "Towards a Sustainable Control and Elimination of Schistosomiasis in the Philippines"	The study will test the hypothesis with the following specific aims: <ul style="list-style-type: none"> Field test integrated control strategies for the elimination of schistosomiasis in the highly endemic barangays (villages) in Samar province in order to quantify the impact of these strategies and to estimate required parameters to mathematically model candidate approaches to control. Use mathematical modelling to predict S. japonicum transmission and to assess the impact and cost-effectiveness of future schistosomiasis control strategies for the elimination of schistosomiasis from the Philippines. 	2017 - 2019	RITM - PGH	Patients-at-risk; Researchers; Health Industry, Policy Makers	NCR	3,500,000
Program: ICT in Health						136,000,000
Roll-out of RxBox Telehealth Device in Selected Rural Health Centers in the Philippines	To deploy RxBox units to selected rural health centers in the Philippines	2015 - 2020	DOST Regional Office 4-A	General population; Researchers; Academe; Health professionals; Health Industry; LGUs; Policy makers	Region 4-A	100,000,000
Deployment of eHealth TABLET with PCB system in 450 selected LGUs Nationwide	Enhance the existing institutional development and partnerships model based on the eHealth TABLET proj for more effective implementation and sustainability of the eHATID LGU proj	2015 - 2017	Institute of Philippine Culture - Ateneo de Manila University		NCR	2,812,000
Enhancement and Integration of PhilHealth Primary care Benefits (PCB) modules with eHealth TABLET system Ehatid of LGUs - eHealth TABLET for Informed Decision - making of LGUs	Develop software upgrades to integrate a PhilHealth Primary Care Benefit 1 (PCB 1) package module consistent with current eHealth standards and Health Information Exchange guidelines	2015 - 2017	ADMU - Ins. Of Phil. Culture		NCR	2,700,000
Feasibility Analysis of Syndromic Surveillance Using a Spatio-Temporal Epidemiological Modeler (FASSTER) for Early Detection of Disease	To create epidemiological models of 3 selected diseases (Typhoid Fever, Measles, Dengue) from real-time monitoring systems using Spatio-Temporal Epidemiological Modeler (STEM)	2016 - 2020	Ateneo de Manila - Ateneo Java Wireless Competency Center		NCR	5,100,000
Medical Teleparasitology for Laboratory Diagnosis of Parasitic Infections in the Philippines	The project will develop a medical teleparasitology database and referral system mechanism for the laboratory diagnosis of parasitic infections in selected regions in the Philippines	2015 - 2019	UP Manila - NIH		NCR	5,000,000
eHealth Analytics for Data Driven Decision - Making	To develop an inter-operability layer and functional transaction flows from disparate community-based health information systems as point-of-service transactions to the government health registries and databases	Mar 2017 - Feb 2020	ADMU - Ins. Of Phil. Culture			5,000,000
Digital Histologic Image Analysis System for Hirschsprung's Disease	To develop and integrate optical, hardware, and software systems for the capture, storage, and analysis of digital histologic images to aid in the diagnosis of Hirschsprung's Disease	Mar 2017 - Feb 2020	UP Manila			5,950,000
Aruga sa Batang may Cancer (ABC) Initiative: A Web-based Pediatric Palliative Care Service Provider in the Philippines	To alleviate the health burden among pediatric clients with cancer and their families through its proposed web-based palliative care service delivery	Mar 2017 - Feb 2020	UP Open University		NCR	3,438,000

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The Acta Medica Philippina as a Predominantly Online Journal	To transform Acta Medica Philippina into a predominantly online medical journal, with full text functionality for its members and publish it regularly and on-time.	2016 - 2020	UP Manila	Health professionals; Researchers; Academe;		500,000
Phase II - Documentation of Philippine Traditional Knowledge and Practices in Health and Development of Traditional Knowledge in Health Digital Library (TKDL) (Mindoro, Zamboanga, Davao, Cordillera)	1. To document the communities' traditional knowledge and practices in health to be compiled in a digital library 2. To develop culture-sensitive health education materials with and for the community	2015 - 2020	UP Manila-NIH (Institute of Herbal Medicine)	Indigenous communities; Researchers; academe; LGUs; Policy makers		
Documentation of Philippine Traditional Knowledge and Practices in Health, and Development of Traditional Knowledge Digital Library, (TKDL) on Health (Folk Healing Practices of Siquijor Island)	To document the communities' traditional knowledge and practices in health to be compiled in a digital library; To develop culture-sensitive health education materials with and for the community	2015 - 2020	Siquijor State College		Region 7	1,000,000
Documentation of Philippine Traditional Knowledge and Practices in Health, and Development of Traditional Knowledge Digital Library, (TKDL) on Health: Ata Tribe in Bais City and Mabinay, Negros Oriental	To provide protection to the traditional knowledge of Indigeneous People (Ips), facilitate biodiversity conservation and has a potential to provide scholarly information for the research community, policymakers, and the general public.	2015 - 2020	Negros Oriental State University		Region 7	1,500,000
Documentation of Philippine Traditional Knowledge and Practices on Health, and Development of Traditional Knowledge Digital Library, (TKDL) on Health: Ayta Communities of Alabat Island, Quezon	To provide protection to the traditional knowledge of Indigeneous People (Ips), facilitate biodiversity conservation and has a potential to provide scholarly information for the research community, policymakers, and the general public.	2015 - 2020	UP Diliman		NCR	1,500,000
Program: Hospital Equipment and Biomedical Devices						9,000,000
Development and Technical and Clinical Safety and Performance Testing of a Philippine-made Volume-cycled Mechanical Ventilator (year 3)	to design a cheap but safe and reliable mechanical ventilator for respiratory failure support, to do bench testing of this ventilator in terms of material failure, response rates, and other variables for bench testing on lung models and anesthetized dogs ,	2015 -2020	UP College of Medicine, De La Salle University, Mapua Institute of Technology	hospitals; patients; health industry,	NCR	1,500,000
Philippine Biomedical Device Innovation Consortium (PBDIC)	The Philippine Biomedical Device Innovation Consortium will mobilize engineers, health specialists and other stakeholders to explore, develop and integrate technologies in the area of Hospital Equipment and Biomedical Devices to improve the quality of health care.	2016 - 2020	UP Diliman, National Engineering Center	Researchers; health professionals; hospitals; patients		2,500,000
A Robotic Exoskeleton Arm for Upper-extremity Rehabilitation	Aims to develop a robotic exoskeleton arm that specifically addresses the upper-extremity rehabilitation of stroke patients.	2016 - 2020	De La Salle University	Rehabilitation medicine healthcare providers, patients, rehabilitation centers		2,500,000
Portable Blood Counter with Mobile Application	To develop a portable blood counter with mobile application using image processing and analysis, that allows the determination of white blood cells, red blood cells, and platelets count in a given microscopic image for remote diagnosis.	April 2017 - May 2020	Mapua Institute of Technology	hospitals, industry, policymakers		NCR
Program: Climate Change and Disaster Risk Reduction						40,000,000

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R&D for Disaster Risk Reduction and Climate Chang Adaptation	to fund and implement cross cutting researches under health research area which have direct implications on the public health	2017 - 2020	ADMU; DLSU; Remote Area Medical (Cuyo Foundation, Inc.); Symmetrix Research Consultancy	General population; Researchers; LGUs; Policy makers	NCR	34,700,000
Establishment of the Award for Global Innovators on DRR and Climate Change Adaptation	to invigorate global initiatives and programs in innovations for disaster risk reduction and management and climate change adaptation	2017 - 2020	DOST Task Force for the		NCR	500,000
Establishment of the Centers of Excellence for DRR and Climate Change Adaptation	to strenghten national and local capacity on sciences involved in climate change and disaster risk reduction	2017 - 2020	Establishment of the Philippines as Global Hub on S&T Innovations in DRR and Climate Change Adaptation			500,000
Establishment of the Global Hub on S&T Innovations in DRR and Climate Change Adaptation	to develop the Philippines as the global Hub on S&T innovations for disaster risk reduction and climate change adaptation (health)	2017 - 2020				1,000,000
Program on Capacity Enhancement on Disaster Research in Health Workshop	to develop the Philippines as the global Hub on S&T innovations for disaster risk reduction and climate change adaptation (health)	2017 - 2020	Regional Health Research and Development Consortia		All Regions	3,300,000
Program: Capacity Building and Development of Human Raesource in S&T						70,000,000
Developing Capacity to Implement Health Research	To support regional health research projects of beginning researchers, develop critical mass of health researchers through fellowships and trainings locally and internationally and research institutions in the country, support research consortia management and operations, training and mentoring, provide recognition/ awards to deserving researchers and research institutions, and establish regional training centers nationwide	2016 - 2020	DOST Regional Offices in 17 Regions; De La Salle University-Dasmariñas for Region 4A and UP-NIH for NCR	Health Sector, Researchers, Research Institutions, Medical schools and academic institutions	All Regions	60,000,000
MD-PhD Molecular Medicine Scholarship Program	To produce MD-PhD graduates who should be able to: apply his expertise and knowledge of basic sciences in teaching or academe; to conduct biomedical research to upgrade health care services delivery; to apply basic research methods in formulating and implementing independent researches that will contribute to new knowledge in a particular discipline or specialty; and to contribute to scientific research with impact on national development	2016 - 2020	University of the Philippines, Manila - College of Medicine	Health Sector, hospitals, medical laboratories,	NCR	8,000,000
MS Molecular Medicine Scholarship Program	To produce experts in Molecular Medicine who will contribute to national development through health R&D	2016 - 2020	SLMC College of Medicine	Health Sector, hospitals, medical laboratoties	NCR	2,000,000
Other S&T Program						45,040,000
Advocating and Disseminating Research to Improve Health Research Utilization						

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1. Regional / Institutional databases, information systems and websites (HERDIN/ PHRR, eHealth portal, RHRDC websites, etc) 2. Digital Library Network 3. Health S&T Publishing and other research dissemination activities 4. Technology matching and research translation	to address the gap between generation of knowledge and actual utilization of the products of R&D	2016 -2020	PCHRD	Policy makers, planners, health advocate, medical communities, health S&T Networks	NCR	35,040,000
Implementation of the Philippine National Health Research System (PNHRS)	To come up with a coordinated, and coherent research agenda which connect to, and converge with, the wider health, economic, political, education and S&T systems of the country.	2016 - 2020	PCHRD, DOH, UP-NIH		All regions	10,000,000
Program: Collaboration with Industry, Academe and International Institutions						25,000,000
International Linkages	ASEAN Network for Drugs, Diagnostics, Vaccines, and Traditional Medicines Innovation (ASEAN-NDI)	2016-02020	PCHRD	Policy makers, planners, health advocate, medical communities, health S&T Networks, Researchers, General Public	NCR	10,000,000
	Regional Prospective Observational Research for Tuberculosis					5,000,000
	e-ASIA Joint Research Program					5,000,000
	Medical Research Council, (MRC)					5,000,000
GRAND TOTAL PROGRAM/PROJECTS (GIA)						534,940,000