

**University Grants in 2019**

NO	PRINCIPAL INVESTIGATOR	TITLE	AMOUNT (RM)	TYPE
1	PM Dr. Fatimah Ahmedy	Developing Web-based Application for Inpatient Rehabilitation Registry in Sabah: Towards Big Data Analytics and Geo-mapping	RM44,960.00	Skim Dana Nic (SDN)
2	Prof. Dr. Mohammad Saffree Bin Jeffree	Molecular and immunologic analysis of asymptomatic leptospirosis infection: a new public health challenge for occupational risk	RM100,000.00	Skim Dana Nic (SDN)
3	Dr. Rahmawati Pare	A comprehensive investigation on the molecular epidemiology of dengue virus in Sabah	RM95,000.00	Skim Dana Nic (SDN)
4	PM Dr. Saihpudin@Sahipudin Bin Saupin	Comparative study on hair mercury level and associated factors among islanders and highlanders in Sabah, 2019	RM20,000.00	Skim Dana Khas (SDK)
5	Prof. Dr. Kew Seih Teck	BMI screening in Sekolah Kebangsaan Pulau Mantanani: helpful	RM20,000.00	Skim Dana Khas (SDK)
6	PM Dr. Azizan Omar (PI asal: PM. Dr. Aza Sherin Binti Mohamad Yusuff)	Malnutrition and nutritional intervention programmes among	RM100,000.00	Skim Dana Khas (SDK)
7	PM Dr. D Maryama Bte Ag. Daud	Effect of exercise on ventilation, cardiac output and heart rate among individual with heart murmurs.	RM30,000.00	Skim Dana Khas (SDK)
8	Prof. Dr. Khamisah Awang Lukman [PI asal: PM. Dr. Naing Oo Tha]	Empowering Prison Personnel On Health Related Issues, Kota Kinabalu, Sabah	RM40,000.00	Skim Dana Khas (SDK)
9	Prof. Dr. Shahril Bin Yusof	Biomechanical analysis in weber type A1 fracture fixation:a cadveric study	RM30,000.00	Skim Penyelidikan Bidang Keutamaan (SPBK)
10	Dr. Mohd. Hijaz Mohd Sani	The Determination of anti-colon cancer potential of the aqueous extract of Bauhinia purpurea leaves using in vitro HT-29 cell lines.	RM20,000.00	Skim Penyelidikan Pensyarah Lantikan Baru (SPLB)
11	Dr. Nicholas Pang Tze Ping	Risk perception toward HIV and unsafe sexual practice among MSM: A cross-sectional study in Sabah	RM20,000.00	Skim Penyelidikan Pensyarah Lantikan Baru (SPLB)
12	Dr. Teh Yong Guang	Adaptive healthcare decision-making methodology using interactive 3D-modelling techniques	RM20,000.00	Skim Penyelidikan Pensyarah Lantikan Baru (SPLB)
13	PM Dr. Mohammad Zahirul Hoque	Isolation and Molecular Characterization of Vancomycin Resistance Enterococcus (VRE) Gene in Clinical, Environmental and Animal Isolates in Sabah, Malaysian Borneo	RM15,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
14	PM Dr. Rajesh Kumar [PI asal: Prof. Dr. Yeo Kiam Beng @ Abdul Noor]	Smartt-Structural Mobile Clinical Healthcare Centre	RM10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
15	Prof. Dr. Khamisah Awang Lukman	Strengthening Health Systems to Improve Management and Isoniazid Preventive Therapy Implementation for Tuberculosis Contacts in Kota Kinabalu, Sabah, Malaysia	RM8,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)

16	Prof. Dr. Mohammad Saffree Bin Jeffree	Effects of Self-Stigma Intervention in Improving Psychological Status and Anti-Tuberculosis Treatment Adherence Among TB Patients of Hargeisa TB Hospital-Somalia	RM10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
17	PM Dr. Freddie Robinson	Sociodemographic Factors and Association Factors in Developing Heart Failure	RM3,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
18	PM Dr. Freddie Robinson	Molecular Epidemiology and Associated Factors of Cholera Outbreaks in Sabah	RM10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
19	PM Dr. Syed Sharizman Bin Syed Abdul Rahim	Evolution of Severe Dengue Through the Molecular Dissection of Circulating Dengue Virus in Sabah, Borneo	RM10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
20	Prof. Dr. Khamisah Awang Lukman (PI asal: Dr. Aza Sherin Binti Mohamad Yusuff)	The Effects of Eating Behaviour on the Growth of Children from the Interior Districts of Sabah, Malaysia	RM8,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
21	Prof. Dr. Mohammad Saffree Bin Jeffree	Application of Predictive Modelling in Assessing Risk Factor of Plasmodium Knowlesi Infection in Sabah	RM10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
22	Prof. Dr. Chua Tock Hing	Parasite-Host Infection in Human Malaria: Immunity to Infection by P.Knowlesi	RM15,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
23	Dr. Constance Liew Sat Lin	An Exploration of patients' Perception and Opinion why they might be Experiencing Chronic Musculoskeletal Pain and its Care. A Qualitative Study	RM10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
24	Datuk Dr. Mohd. Yusof Hj Ibrahim	Epidemiology and Seasonality of Influenza Virus among Hospitalized Children in Kota Kinabalu, Sabah	RM10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
25	PM Dr. Khin Nyein Yin	"Effectiveness of Ankle Foot Orthoses on Gait Performance in Children with Diplegic Cerebral Palsy"	RM20,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
26	Prof Dr. Chua Tock Hing	Diversity of medically important mosquitoes in Danum Valley, Lahad Datu, Sabah.	RM10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
27	Dr. Nik Amin Sahid Bin Nik Lah	5 year retrospectives review on breast cancer surgery in tertiary referral center in Sabah.	RM10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
28	Prof. Dr. Chua Tock Hing	Cytokine analysis in humans and macaques during plasmodium knowlesi infection	RM15,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)

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NO	PRINCIPAL INVESTIGATOR	TITLE	AMOUNT (RM)	TYPE
1	Prof. Dr. Kamruddin Ahmed	Featured medicinal plants in Guizhou Province, China and Sabah, Malaysia	76,700.00	Skim Dana Khas (SDK)
2	PM. Dr. Mohd Firdaus Bin Mohd Hayati	Human Resource Management of Hospital University Malaysia Sabah (HUMS)	50,000.00	Skim Dana Khas (SDK)

3	PM. Dr. Shigeharu Sato	Assessment of the real prevalence of the emerging zoonotic malaria species Plasmodium knowlesi in the communities in Kudat	100,000.00	Skim Dana Khas (SDK)
4	PM Dr. Nornazirah Binti Azizan	The Influence of Interleukin-10 (IL-10) Gene, Interferon- $\gamma$ (IFN $\gamma$ ) Gene & Tumor Necrosis Factor- $\alpha$ (TNF- $\alpha$ ) Gene Polymorphisms on Susceptibility and Protection Against Dengue Infection in Sabah	30,000.00	Skim Penyelidikan Bidang Keutamaan (SPBK)
5	PM Dr. Nelbon Giloi (PI asal: Dr. Aza Sherin Mohamad Yusuff)	Overweight and obesity among school children in Kota Kinabalu, Sabah	30,000.00	Skim Penyelidikan Bidang Keutamaan (SPBK)
6	Prof. Dr. Helen Benedict Lasimbang	Effectiveness of Community Support Training for Alcohol Harm Reduction	20,000.00	Skim Penyelidikan Bidang Keutamaan (SPBK)
7	Dr. Alvin Oliver Payus	Impact of Current Dietary Pattern and Lifestyle Habit on the Prevalence of Childhood Obesity among Primary School Children in Kota Kinabalu	20,000.00	Skim Penyelidikan Pensyarah Lantikan Baru (SPLB)
8	Dr. Rhanye Mac Guad	The influence of Single Nucleotide Polymorphisms on susceptibility and protection against Dengue Infection in Sabah	20,000.00	Skim Penyelidikan Pensyarah Lantikan Baru (SPLB)
9	Dr. Ehab Helmy	Study On Association Between Short Maternal Height and Low Birth Weight In Sabah.	20,000.00	Skim Penyelidikan Pensyarah Lantikan Baru (SPLB)
10	Prof. Dr. Chua Tock Hing	Novel SMART trapping system for Aedes mosquitoes: SMART-Z r	20,000.00	Skim Geran Inovasi (SGI)
11	Datuk Dr. Mohd. Yusof Hj Ibrahim	Development of Models to Provide Measure of Inequality of Healthcare Services use among Vulnerable Population in Sabah	15,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
12	Prof. Dr. Chua Tock Hing	Pathogenic Viruses from Ticks and Mites of Bats in Sabah	10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
13	Prof. Dr. Chua Tock Hing	Identification of Potential Typhus Vectors from Wildlife Hosts Dwelling in the lower Kinbatangan Wildlife Sanctuary, Sabah, Malaysia	10,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
14	Dr. Caroline Sunggip	The role of Adenosine Triphosphate (ATP) in cardiac Atrophy	15,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
15	Prof. Dr. Urban John Arnold D'Souza	Investigation and correlation of plasma leptin levels, stress experience, stress indicators and LEP G2548A polymorphism among young adults in the common ethnic population in Malaysia	15,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)

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NO	PRINCIPAL INVESTIGATOR	TITLE	AMOUNT (RM)	TYPE
1	Dr. Fong Siat Yee@Alison	Cytotoxic and Apoptotic Effects of Crude Aqueous Extracts of Clinacanthus Nutan (Burm. F) Lindau Leaves on Triple-Negative Human Breast Cancer Cells	RM30,000.00	Skim Penyelidikan Bidang Keutamaan (SPBK)
2	Dr. Myo Thura Zaw	Molecular Studies of Vibrio Cholerae: Multi-Locus Variable Number of Tandem Repeat Analysis and Genetic Determinants of Antibiotic Resistance	RM27,990.00	Skim Penyelidikan Bidang Keutamaan (SPBK)

3	PM Dr. Fairrul Bin Masnah @ Kadir	Techniques, success and complications of airway management in the Malaysian Emergency Department	RM7,000.00	Skim Penyelidikan Pensyarah Lantikan Baru (SPLB)
4	Dr. Constance Liew Sat Lin	Possible Reduction in Analgesic Dosage Postoperatively following Total Knee Replacement Surgery By Intravenous Infusion of Magnesium Sulphate	RM18,760.00	Skim Penyelidikan Pensyarah Lantikan Baru (SPLB)
5	Dr. Chandrika A/P Murugaiah	Isolation, identification and detection of Virulence Genes of Vibrio Parahaemolyticus isolated from Seawater Shrimps	RM20,000.00	Skim Penyelidikan Pensyarah Lantikan Baru (SPLB)
6	PM Dr. Freddie Robinson	Determinants of occupational stress among royal Malaysian Navy Personnel at Sepanggar Navy Base, Kota Kinabalu, Sabah.	RM3,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
7	Prof. Dr. Khamisah Awang Lukman	Factors influencing sexual behaviour among HIV Positive Men who have Sex with Men (MSM) registered with Sabah Community Based Support Program	RM3,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)
8	Prof. Dr. Urban D'Souza	Development of Novel ECG Gamification Platform and Its Evaluation among the Different Years of Undergraduate Medical Students	RM15,000.00	Skim Geran Bantuan Penyelidikan Pelajar Pascasiswazah (UMSGreat)