



UoM Research Week 2015

50 years and forward: Advancing Research and Innovation

Faculty of Science

Research Day

Wednesday 23 September 2015

Venue:
ELT2 (Ground Floor, Engineering Tower),
ELT1 (2nd floor, Engineering Lecture Theatre)

List of Posters

Catalytic Studies on the Diels-Alder Reaction between Cyclopentadiene and Methyl acrylate using Surfactant Esters Derived from L-Tyrosine and L-Phenylalanine

P.Caumul, P.Koonja, N. Namooya, N. Joondan, S. Jhaumeer-Laulloo

Synthesis and characterisation of ruthenium and copper complexes derived from thiosalicylic acid

R. D. Fowdram, S. Moosun, S. Jhaumeer-Laulloo, M.G. Bhowon

Simulation of climate parameters over the EEZ/ECS region using a regional climate model -The Mauritian Climate Change Model Case Study-

R.P Gunpath, R.T Ramessur, T. Ramessur, R. Lollchund, K. Boodhoo, U. Ghoora

Wave patterns of Arabic phonemes on a vibrating square membrane

B.N. Jouman, M.R. Lollchund, G.K. Beeharry

Association study of LIPA gene with coronary heart disease in a Mauritian population of North Indian origin

L H SemFa , M. Manraj , S. Dyall, A. Dookun-Saumtally.

Assessment of prescribing practices amongst urban and rural based general practitioners in Mauritius

N. Naraino-Majie and A. Jheelan-Ramchandur

Distribution and abundance of L. scabra (Gastropoda) and M. mossambica (Polychaeta) in mangrove ecosystems at Poudre d'Or and Trou d'Eau Douce, Mauritius

K.D Mooteea, C. Appadoo

Genetic fingerprinting of local Phytophthora infestans isolates using the RAPD technique

N. N Alwar , K. Baungally, N. Taleb-Hossenkhan

Genetic characterization of symbiotic Symbiodinium from Acropora muricata and Montipora coral species from Belle Mare, Mauritius

Riyaad Sheriff, N. Taleb-Hossenkhan, R. Bhagooli

Marine mollusc: An indication of their importance in Northern-East and Eastern coast of Mauritius

Y. Heeramun, C. Appadoo

A Cross-Sectional Study on the Factors Related to Malnutrition in Elderly: Prevalence of Food Insecurity and Malnutrition

S. Foondun and Z. Toorabally

ELT2 (Ground Floor, Engineering Tower), University of Mauritius, (Morning)

TIME/VENUE	ELT2
08.30 - 09.00	Registration of Participants
	Plenary Session <i>Chairperson: Dr Manraj</i>
09.05 - 09.15	Welcome Address by Pr M. BHURUTH , Dean FOS
09.15 - 09.40	Keynote Address by Mr K MAHMOOD , Quanti Lab
	Parallel Session: CHEMISTRY <i>Chairperson: Assoc Prof S Jhaumeer Laulloo</i>
09.45 - 10.00	<i>Theoretical Insight into the Unusual Alkali Metal Thia/Aza Macrocylic Complexes</i> H. Bhakhoa, L. Rhyman, J. M. Dyke and P. Ramasami
10.00 - 10.15	<i>Paving the Way on the SN2 Highway - A Theoretical Study</i> J. Z. A. Laloo, L. Rhyman, A. de Cozar , F. M. Bickelhaupt and P. Ramasami
10.15 - 10.30	<i>Novel Quaternary Ammonium compounds derived from L-Tyrosine: Synthesis, physicochemical properties and biological activities</i> N. Joondan, P. Caumul and S. Jhaumeer Laulloo
10.30- 11.00	TEA BREAK
	Parallel Session: MATHEMATICS <i>Chairperson: Assoc Prof R Boojhawon</i>
11.00-11.15	<i>Statistical evaluation of badminton scoring rules 2015</i> J.C Paul and N. U. H. Sookia
11.15-11.30	<i>An Artificial Neural Network approach to predict volatility of SEM</i> S. M. J. Mahamodally, N. U. H. Sookia and P. N. Gonpot
11.30-11.45	<i>Using the VAR/VECM Approach to Model the Relationship between Population Growth and Economic Growth</i> A.D Dookhun, P.N Gonpoth and N. U. H. Sookia
11.45- 12.15	Poster Session
12.15 - 13.00	LUNCH

Venue: ELT2, University of Mauritius
23rd Wednesday September 2015 Afternoon

	<i>Plenary Session</i> <i>Chairperson: Dr S Dyall</i>
13.00-13.25	Keynote Address by Dr A. DOOKUN-SAUMTALLY
	<i>Parallel Session: BIOSCIENCES</i> <i>Chairperson: Dr S Dyall</i>
13.25 – 13.40	<i>Pollination ecology of the threatened Mauritius endemic Liane Rousseau (Roussea simplex)</i> M. V Couttee and F. B. V Florens
13.40-13.55	<i>Zooplankton and phytoplankton abundance and diversity in mangrove ecosystems, in the north east and east coast of Mauritius</i> A. Bhunjun and C. Appadoo
13.55-14.10	<i>Sea urchins as potential sources of antioxidants and phenolics</i> Arvind Gopeechund, Ranjeet Bhagooli, Vidushi Shradha Neergheen Bhujun, Theeshan Bahorun
	<i>Parallel Session: BIOSCIENCES</i> <i>Chairperson: Dr N Taleb-Hossenkhan</i>
14.15-14.30	<i>Presentation on GML LIFE SCOLARSHIP</i> Mr Gerald de Senneville; Mrs Celine Planel from BEYONDCOMMUNICATIONS
14.30-14.45	<i>DNA barcoding and Phylogeny of selected Endemic plants of Mauritius</i> M.K.J.A Grimaud and S. Dyall
14.45-15.00	<i>Seasonal Zooxanthellar clade C photo-physiology in Acropora muricata colonies with different light and thermal histories.</i> Yohan D. Louis, Sushma Mattan-Moorgawa, Sabrina D. Dyal1 and Ranjeet Bhagooli

Venue: ELT1 (2nd floor, Engineering Lecture Theatre)
23rd Wednesday September 2015 Morning

TIME/VENUE	ELT1 (2nd floor, Engineering Lecture Theatre)
	<i>Parallel Session: HEALTH SCIENCES</i> <i>Chairperson: Dr V Neergheen-Bhujun</i>
9.50 - 10.05	<i>A pre and post survey to determine effectiveness of a Dietitian-based nutrition education strategy on fruit and vegetable intake and energy intake among adults</i> D. Pem and Rajesh Jeewon
10.05 – 10.20	<i>Nutritional Status and Physical Activity Level of the Mauritian Population with Type II Diabetes Mellitus.</i> S. Muthu and Z. Toorabally
10.20-10.35	<i>A pre and post survey to determine effectiveness of a dietitian-based Nutrition Education strategy on fruit and vegetable intake and energy intake among adolescents</i> P. Nabee and R. Jeewon
10.35– 11.00	TEA BREAK
	<i>Parallel Session: HEALTH SCIENCES</i> <i>Chairperson: S Biranjia-Hurdoyal</i>
11.00-11.15	<i>A Pre and Post Survey To Determine Effectiveness Of A Dietician-Based Nutrition Education Strategy On Fruit And Vegetable Intake And Energy Intake Among Children</i> D. Bundhun and R. Jeewon
11.15-11.30	<i>Body image and Eating Patterns of Adolescents.</i> G. Balluck and B. Z Toorabally
11.30-11.45	<i>A Study on Diet Quality, Social Determinants and Weight Status among Mauritian Children Aged 1- to 12 years.</i> BA Bahadoor and Z. Toorabally
11.45– 12.00	<i>Assessment of Nurses' Nutritional Knowledge in Mauritian Hospitals and Clinics Regarding Therapeutic Diet Regimens</i> K. Mohesh and Z. Toorabally
12.00-12.30	Poster Session
12.15 – 13.00	LUNCH