

GENERAL INFORMATION AND PROGRAM – PSSA 2010

REGISTRATION AND INFORMATION DESK

You may register at the foyer next to the Conference Centre between 07:00 and 09:00 and during lunch and tea times on Monday 27 September. An information desk in the foyer of the Conference Centre will be staffed during lunch and coffee breaks for the duration of the conference.

LANGUAGE

The official language of the congress is English. No simultaneous translation service will be provided.

TRANSPORT FROM THE AIRPORT

Transport can be organized through the following:

1. Gateway Shuttle – 083 356 8909
2. Isabel Shuttle – 043 726 4844
3. Eugene Shuttle Services – 076 384 1623
4. Eagle Metered Taxi – 043 731 1399

Shuttel fair from airport to Regent: R80 – R90

CONTACT INFORMATION AND RATES

Tel: (047) 502 2220

Mobile: 073 468 3722

Fax: (047) 502 2758

E - Mail: ameemei@wsu.ac.za

WEATHER

East London weather is variable in September. The long term average temperatures for September range between a minimum of 13°C and maximum of 25°C. Rain showers are possible but far in-between. However, you are advised to carry a rain coat and a warm jacket. Sunrise at this time of the year will be just after 06h00 and sunset at 18h00.

EMERGENCY NUMBERS

Police: 10111

Ambulances: 10177

Emergency Services: 107

East London NSRI - (043) 700 2100/42

VENUES AND FACILITIES

ORAL SESSIONS

All sessions will be held in conference centers 3 and 4. The hotel will provide all the necessary conference facilities including a data projector and a microphone. Technical assistance will be available to assist speakers in loading their presentations. All speakers are requested to submit files with their presentations well before their designated sessions. Each speaker must ensure that their presentations work correctly.

POSTERS

Dimension: 1 height X 0.8 m width.

Mounting: General posters must be mounted from **07h00 – 09h00** on Monday, 27 September before the start of the proceedings. These should be removed by 17h00. Materials to mount posters will be provided at the registration desk. Each poster board will be marked with the abstract number, Topic and 1st Author of the poster.

Competition posters must be mounted on the 28th Sept. between 07h00 – 08h00 and removed at 17h00 of the same day.

Venues: The posters for the GENERAL POSTER category will be located at the back of the conference room 4.

Poster Viewing: Posters will be on display on the 27th and 28 September during morning tea break 10h00 – 10h30 and lunch break 12h30 – 13h30.

LUNCH/TEA/COFFEE BREAKS

Refreshments will be served in the foyer. Lunch will be served at the designated site by the hotel

INTERNET

Computers with internet facilities are available at the hotel rates.

SIGHT SEEING

EAST LONDON AQUARIUM AND OCEAN VIEWING DECK

Opened in December 1931, the aquarium is the oldest in South Africa. Fortunately this is a stroll away from the conference venue. More than 400 species of fish, penguins and seals can be seen. Those delegates with a bit of more time can attend the seal show. The display of Cape Pigmy clawed lobsters is the only one of its kind in the world. The whale deck has a telescope.

EAST LONDON BEACHES

Think warm Indian Ocean waters and sub-tropical weather with a warm ocean breeze! This allows visitors to enjoy the climate all year round. Hope you get a chance to enjoy the beach.

EAST LONDON COAST NATURE RESERVE

The East London Coast Nature Reserve is a gorgeous stretch of coast that extends from the Great Kei River in the north east all the way to the Tylomnqa River in the south west. Between these two bodies of water lies well over 3 000 hectares of conservation area made up of ten coastal reserves and two inland estates.

SOCIAL

THE Y-KNOT PUB & RESTAURANT

This is a more casual, relaxed venue in which to savour tasty lunches, refreshing ales or after-dinner nightcaps. It has a gorgeous patio overlooking the Indian Ocean, often providing diners with spectacular views of schools of dolphins as they leap and play out of the water. The Y-Knot Pub & Restaurant is open from Monday to Saturday, 11h00 to 23h00 and from 11h00 to 22h00 on Sundays and Public Holidays.

THE THREE SHIPS RESTAURANT

The place boasts of incredible views over the ocean, as well as hearty meals and a cosy, inviting atmosphere. Breakfasts and dinners are on the menu with both buffet and A-la-Carte options. The wine list is brimming with excellent vintages, some of which South Africa is famous for. These are sure to delight the palate and make for a most memorable meal. Continental and English breakfasts are served between 06h30 and 09h30 on weekdays and between 07h00 and 10h00 on weekends and Public Holidays. Dinners are served between 18h30 and 22h00.

Sunday carveries are served between 12h30 and 14h00 and are guaranteed to prompt a lazy Sunday afternoon.

CAFÉ - CONTACTS

At The River Laundromat and Coffee Shop -- 56 Fleet St, Quigney, East London -- 043 7221808

Blends Coffee Bar -- 2 Donald Rd, Vincent, East London -- 043 7269185

Hillbilly Country Store -- 68a St Georges Rd, Southernwood, East London -- 043 7220703

Jakes's Place Cafe -- 195 Oxford Stm Southernwood, East London -- 043 7225756

Mugg & Bean -- U47, Vincent Park Ctr, 17 Devereux Ave, Vincent, East London -- 043 7265898

Nino's -- Devereux Ave, Vincent, East London -- 043 7261485

Roxy Art & Coffee Shop -- Glaston St, Berea, East London -- 043 7262444

PUBS & GRILL - contacts

Bernie's Cigar Bar -- 10 Balfour Rd, Vincent, East London -- 043 7263792

Buccaneers Pub & Grill -- 1 Tramtrack Rd, Quigney, East London -- 043 7435171

Garro's Pub & Grub -- 16 Main Rd, Amalinda, East London -- 083 9416470

Inyathi Pub & Grill -- 14 Lock St Goal Fleet St, Quigney, East London -- 072 2665902

SCIENTIFIC PROGRAM

Dates: 27 – 29 September 2010

Venue: Regent Hotel, East London, Eastern Cape Province

Monday 27 September 2010

07:30 – 09:00	Regent Hotel Foyer	Registration
Program Director: Mr Namugowa, Vice President PSSA		
09:00 – 09:15	Regent 4	Welcome Address by Dean Faculty of Health Sciences, Walter Sisulu University
09:15 – 09:30	Regent 4	Welcome Address by The Vice Chancellor, Walter Sisulu University
09:30 – 09:45	Regent 4	Welcome Address by President PSSA
Plenary Lecture 09:45 – 10:15 Regent 4	Prof. Charles H Muller	Sperm Tales: How Disease and Environment Affect Fertility and the Next Generation
10:15 – 10:45	Regent Hotel foyer	Tea Break

<p>General Session</p> <p>Chair: Prof JE Iputo</p> <p>Co-chair: Ms A Meeme</p>		
10:45 – 11:00	Celia van der Merwe	The effect of cell phone radiation on human semen quality
11:00 – 11:15	Susan B Higgins-Opitz	Health Science Students Performance in Physiology: the UKZN Experience
11:15 – 11:30	Mark Tufts	South African medical physiology educators: a snap shot of their concerns
11:30 – 11:45	Gideon	Lasec
11:45 – 12:00	Uwe Kohlmuenzer	Sphygmocor – arterial stiffness assessment

<p>Parallel Session I A: Cardiovascular Physiology 1</p> <p>Chair: Prof AN Engelbrecht</p> <p>Co-chair: Dr Rusike</p> <p>Regent 4</p>		
12:15 – 12:30	Angela J Woodiwiss	Relationship Between Urinary Salt Excretion and Pulse Pressure and Central Aortic Hemodynamics Independent of Steady State Pressure in the General Population.
12:30 – 12:45	Ruduwaan Salie	The relative importance of adrenergic stimulation and demand ischaemia as preconditioning stimuli.
12:45 – 13:00	Gaurang Deshpande	Effects of Sphingosine-1-Phosphate, a component of High Density Lipoprotein, on

		Acute Contractile Heart Failure (ACHF)
13:00 – 13:15	Bryan Hodson	Impact of Gonadectomy on Adrenergic-Induced Cardiac Hypertrophy
13:15 – 13:30	AV Namugowa	Comparison of estimates of Augmentation Index as measured by SphygmoCor and EndoPat 2000

Parallel Session I B: Medicinal plant research Regent 3		
Chair: Prof CT Musabayane		
Co-chair: Dr Kamadyapa		
12:15 – 12:30	L Sissing	Modulation of N-methylbenzyl nitrosamine-induced oesophageal papillomas in rats by <i>Aspalathus linearis</i> , <i>Cyclopia intermedia</i> and <i>Sutherlandia frutescens</i> .
12:30 – 12:45	Lechaba NM	The effects of <i>Clausena anisata</i> on blood pressure and plasma angiotensin-II levels
12:45 – 13:00	Bisi-Johnson	Profiling of South African medicinal plants for their safety
13:00 – 13:15	K. Bidla	The effect of <i>Jelichysium nudifolium</i> aqueous crude extract on membrane stabilization
13:15 – 13:30	B. Duze	Effects of an ethanolic extract of <i>Garcinia kola</i> on glucose and lipid levels in streptozotocin induced diabetic rats.

13:30 – 14:30	Lunch	Buffet
---------------	-------	--------

Plenary Lecture 14:30 – 15:00 Regent 4	Dr Alastair Sammon	A review of upper GI function in the Eastern Cape and its relevance to the high incidence of oesophageal cancer.
--	--------------------	--

Parallel Session II A: Cardiovascular Physiology 2 Regent 4		
--	--	--

Chair: Prof. JG Strijdom		
Co-chair: Dr K Awotedu		
15:00 – 15:15	Michelle Vermeulen	The role of MKP-1 in autophagy, apoptosis and necrosis during ischaemia/reperfusion injury in the heart
15:15 – 15:30	Carla MT Fourie	Cardiovascular and lipid changes in HIV-1 infected South Africans with and without antiretroviral therapy: a three year prospective study
15:30 – 15:45	E. Marais	The role of Epac (exchange protein directly activated by cAMP) in Hypertrophic Heart Disease
15:45 – 16:00	Fabian Maunganidze	Validity of Electrocardiographic Criteria for Left Ventricular Hypertrophy in a Population Sample of African Ancestry.
16:00 – 16:15	KO Awotedu	Prevalence of metabolic syndrome assessed by IDF and NCEP-ATP 111 criteria and determinants of insulin resistance among HIV patients in the Eastern Cape Province of South Africa.
16:15 – 16:30	Longo-Mbenza B	Relationship between demographic, elevated HDL-Cholesterol, inflammation and metabolic syndrome in Brazzaville Banks

Parallel Session II B: Undergraduate competition 1 Regent 3		
Chair: Prof K Erlwanger		
Co-chair: Dr BN Nkeh-chungag		
15:00 – 15:15	B Adam	Effect of aqueous extract of <i>Albuca setosa</i> on white blood cells (wbcs) migration during acute inflammation
15:15 – 15:30	Simelane AN	Assessment of Endothelial function Using E-Selectin on Walter Sisulu University students

15:30 – 15:45	Chinhoyi	Hypoglycemic effects of <i>Lupinus albus</i> seeds in normal and streptozotocin induced diabetic Wistar rats.
15:45 – 16:00	Gajana K	Anti-pyretic properties of <i>Erythrina abyssinnica</i>
16:00 – 16:15	N. Bodoza	Comparison of total antioxidant with lipid peroxidation marker TBARS in rural African pregnant women and non-pregnant women in Mthatha region.
16:15 – 16:30	N. Nduna	Comparison of body mass index to pulse wave velocity in HIV positive people.

16:30 – 16:45	Coffee Break	Regent Foyer
---------------	--------------	--------------

Parallel Session III A:		Regent 4
Chair: Prof. B Longo-Mbenza		
Co-chair: Dr S Makaula		
16:45 – 17:00	Olaokun OO	Alpha glucosidase inhibitory activity of five South African Ficus species
17:00 – 17:15	Murambiwa P	The effects of chloroquine on renal function in male Sprague-Dawley rats
17:15 – 17:30	Edward Ojuka	Stimulation of GLUT4 expression by nuclear respiratory factor-1 in skeletal muscle is mediated by myocyte enhancer factor-2A
17:30 – 17:45	T. R. Tshaka	Are mutagenic or anti-mutagenic properties present in Mqombothi, a traditional beer of South Africa?

Parallel Session III B: Undergraduate Competition 2 Continues ... Regent 3
--

Chair: Dr Roisin Kelly Co-chair: Dr MK Mammen		
16:45 – 17:00	N. Masondo	Influence of menstrual cycle phases in young women on arterial stiffness among Walter Sisulu University students
17:00 – 17:15	S. Tiya	Estrogen-like activity of <i>Erythrina abyssinnica</i>
17:15 – 17:30	Tsele P	Anti-hyperglycemic effects of ethanolic leaf extract of <i>Erythrina abyssinnica</i> in normoglycemic and streptozotocin induced diabetic rats.
17:30 – 17:45	Mazule Z M	Comparison of body composition measurements measured using three techniques BF500, BIA and Anthropometry
17:45 – 18: 15	Adjudicators deliberate	

19:00 – 20:00	Welcome reception – Cocktail	Chief Guest: Director of Research, Walter Sisulu University
---------------	---------------------------------	---

Tuesday 28th September

Plenary Lecture 08:00 – 08:30 Regent 4	Dr S Makaula	Principles and Benchmarks for Ethical Research in Developing Countries
--	--------------	--

Wyndham Competition.

Wyndham Competition Session I		
Chair: Prof GR Norton		
Co-chair: Prof W Daniel		
Regent 4		
08:30 – 08:45	BJN Sishi	Anthracycline-induced cardiotoxicity: The influence of elevated autophagy through amino acid deprivation and rapamycin treatment
08:45 – 09:00	Aletta S. van Lill	Baroreceptor sensitivity and left ventricular hypertrophy in urban black and Caucasian South African men: The SABPA Study
09:00 – 09:15	Andrew Raymond	Shorter leukocyte telomere length is associated with regular alcohol intake and increased plasma gamma-glutamyl transferase activity in an African population.
09:15 – 09:30	Balindiwe Sishi	Diet-induced obesity alters signaling pathways and induces atrophy and apoptosis in skeletal muscle in a prediabetic rat model.
09:30 – 09:45	Bekwa M	Oesophageal impedance studies in a rural Africa population
09:45 – 10:00	Joseph J	Relationship between Liver

		Dysfunction, Uncontrolled Type2 Diabetes, Total Antioxidant System, Metabolic Syndrome and Oxidative Stress Defined by TBARS in Eastern Cape.
10:00 – 10:15	Gina Leisching	Crosstalk between autophagy and apoptosis: An investigation into the signaling mechanisms.
10:15 – 10:30	Kovin A. Chetty	p300 is involved in acetylating histone at the MEF2A binding site on the Glut4 gene
10:30 – 10:45	Lonwabo A Dotwana	Analgesic and anti-inflammatory properties of <i>Cordia platythyrsa</i>

10:45 – 11:15	Coffee Break	Regent Foyer
---------------	--------------	--------------

Wyndham Competition Session II		Regent 4
Chair: Prof K Myburgh		
Co-chair: Prof E Ojuka		
11:15 – 11:30	Marisa Slabbert	The In Vitro Anti-Fertility Effects of <i>Dichrostachys Cinerea</i>
11:30 – 11:45	Mashudu Mudau	A TNF-alpha induced model of ED in cardiac microvascular endothelial cells: An investigation into cellular mechanisms and putative role of oleanolic acid in reversing endothelial dysfunction.
11:45 – 12:00	Mvitu Muaka M	Protective role of antioxidant nutrients against Metabolic Syndrome (MetS) among African Type 2 Diabetics.
12:00 – 12:15	Natasha van Wyk	The effect of PP1 & PP2A inhibition on insulin-mediated cardioprotection

		during ischemia/reperfusion.
12:15 – 12:30	NJ Bezuidenhout	A study of the early changes in hearts from diet-induced obese rats that may lead to cardiac dysfunction
12:30 – 12:45	Phikelelani S. Ngubane	The effects of Syzygium aromaticum derived oleanolic acid on glycolytic enzymes in streptozotocin induced-diabetic rats
12:45 – 13:00	PJ Steyn	Cytokine super-families affect adult stem cells: IL-6 and the skeletal muscle niche.

13:00 - 13:30	Poster Competition	Regent 1
---------------	-----------------------	----------

13:30 – 14:30	Lunch	Regent 1
---------------	-------	----------

Wyndham Competition Session III		Regent 4
Chair: Prof. AJ Woodiwiss		
Co-chair: Dr Kell		
14:30 – 14:45	Rapuling LRD	Proteomic identification of nuclear protein changes in Asthenoteratozoospermia
14:45 – 15:00	Zono S	Effects of body composition on lipid profile and adiponectin levels in HIV positive patients.
15:00 – 15:15	Thabile Brian Flepisi	The role of Glycogen synthase kinase 3 (GSK-3) and its substrate proteins in the development of Cardiomyopathy associated with obesity and insulin resistance.

15:15 – 15:30	WG Pantsi	The effect of dietary rooibos herbal tea supplementation on cardiac function after an episode of ischaemia/reperfusion in the isolated perfused rat heart.
15:30 – 15:45	Mapekula L	Iodine nutritional status of primary school children in selected schools in Mthatha, Eastern Cape , South Africa
15:45 – 16:00	Vernice R. Peterson	Gender Specific Differences in Metabolic Gene Expression and Left Ventricular Function in Isoproterenol induced Left Ventricular Hypertrophy.

16:00 – 16:30	Adjudicators deliberate	Regent 3
17:00 – 18:30	Annual PSSA meeting	Regent 4
19:00 – 22:00 Regent 1	Conference Dinner Announcement of competition winners	Chief Guest: Deputy Vice Chancellor, Walter Sisulu University

Wednesday 29 September 2010

Renal, Endocrine and reproduction Physiology Regent 4		
Chair: Prof E Umapathy		
Co-chair: Dr H Majane		
09:00 – 09:15	Leon Scott	Circulating Aldosterone-to-Renin Ratios Predict the Relationship Between Salt Intake and Conventional and Ambulatory Blood Pressure in a Community Sample of African Ancestry.
09:15 – 09:30	M Mammen	Can antiangiogenic factors predict the onset of preeclampsia? A PILOT STUDY

09:30 – 09:45	V.Tchokonte-Nana	Histomorphometric and radioimmunoassay studies of the peri-implantation endometrium in hyperstimulated rats in response to exogenous progesterone and peanut oil
09:45 – 10:00	Wabeya Beya	The effects of Aloe vera extracts on abdominal viscera and growth of suckling rats

10:00 – 10:15	Kianu Phanzu B	The deleterious effects of physical inactivity on elements of insulin resistance and metabolic syndrome in Central Africans at high cardiovascular risk.
10:15 – 10:30	Benford Mafuvadze	Apigenin inhibits progestin-induced VEGF at both mRNA and protein secretion level in T47-D human breast cancer cells.

10:30 – 11:00	Regent 1	Tea Break
---------------	----------	-----------

11:00 – 12:00	Regent 1	Photo Session
---------------	----------	---------------

12:30 – 13:30	Lunch	Regent 1
---------------	-------	----------

Poster Dimensions: 1 (height) X 0.8 m (width).