



Department of Human Biology Science Expo Program
Hosted at the SSISA campus
3rd October 2017



- 9:00am** : **Arrival of Westerford, Belgravia, Pinelands and South Peninsula High Schools Registration (Ground floor, outside auditorium)**
(Dr Masouda Rahim, Dr M-J Nancy Laguette and Andrea Gibbon)
- 9:30am** : **Welcome (HoD Prof Malcolm Collins) and Introduction (A/Prof Alison September) - Auditorium**
- 9:45 am** : **Rotation program starts (Stations 1-11, 10mins each)**
- 12:00 pm** : **Lunch (Foyer of Auditorium)**
- 12:30pm** : **Prize giving session – (Auditorium)**
- 1pm** : **Arrival of CURRO School and Registration (Ground floor, outside auditorium)**
(Dr Masouda Rahim, Dr M-J Nancy Laguette and Andrea Gibbon)
- 1:30pm** : **Welcome and Introduction – Auditorium (A/Prof Alison September)**
- 1:45pm** : **Rotation program starts (Stations 1-11, 10mins each)**
- 3:45 pm** : **Closing and Prize giving session - Auditorium**

Stations 1-11 venue and contributors: Strictly 10min per station including transition to the next station

Classroom next to Auditorium, Ground floor stations:

- Station 1** : ***Cell-fie***
(Dr Hapiloe Maranyane, Dr Amaal Abrahams; members of Prof Prince's Lab)
- Station 2** : ***Growing a new skin***
(Dr Robea Ballo, Dennis Lin and Austin Malise)
- Station 3** : ***As far as the eyes can see***
(Dr Elizabeth Van Der Merwe, Viantha Naidoo)
- Station 4** : ***It is all in the mind***
(SANS & Translational Neuroscience Group: Dr Fleur Howells, Sarah Heany, Ruth Levin-Vorster, Antoinette Burger, Lauren Blake)

Second floor, Right suite

Sleep lab

- Station 5** : ***Role of the brain-heart axis in hand grip performance***
(Dr Laurie Rauch and Tasneem Paruk)

Biochem Lab

- Station 6** : ***DNA Discovery***
(Dr Masouda Rahim, Dr M-J Nancy Laguette, Andrea Gibbon and the GEMs Team)

Myology Lab:

- Station 7** : ***The MyoLab - Science in Motion***
(Dr Tertius Kohn, Nur Armينو, Dr Dorothy Breed, Dr Franco Henning, Kathryn van Boom, Deena Veeren)

Second floor, Left suite

Endurance Studio:

Station 8 : *Test your sprinting power*

(Dr Michael Posthumus, Ayden Smith and Team)

Biokinetics lab:

Station 9 : *Move4life*

(Dr Jacolene Kroff and team)

First floor, Biomechanics Suite

Station 10 : *Rugby Tackle Contact*

(Dr Sharief Hendricks and Team)

Station 11 : *Biomechanics of Human Movement*

(Dr Nicholas Tam, Dr Yumna Albertus and Team)

This event was partially sponsored by The Noakes Foundation, DST-NRF and SSISA.



**THE NOAKES
FOUNDATION**

Organising committee: A/Prof Alison September, Dr Masouda Rahim, Dr M-J Nancy Laguette, Mrs Lesa Sivewright, Mrs Ayesha Hendricks, Mr Trevino Larry, Mr Neezaam Kariem, Dr Amaal Abrahams, Dr Jill Fortuin Abrahams, SSISA