| **THURSDAY**  **31 JULY**  **20I4 \*** | **Time** | **Title of presentation** | **Subject** | **Speaker** | **Affiliation** |
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| Thursday  31 July | 09:00 | Opening and welcome |  |  |  |
|  | 09:05 – 09:50  45 min | Organic Farming, Food Quality and Food Security | Also sharing of lessons learnt in Europe during a recent study tour | Prof Raymond Auerbach | NMMU Lecturer, Agricultural Management |
| Thursday | 10:00 - 10:30  30 min | The cost of affordable food – what do consumers pay for? | The economics of sustainable food production: addressing the issue of what portion of one’s rand actually pays for one’s food, and which component actually goes towards the various stakeholders in the food chain | Mr Johan Jordaan | NMMU Snr Lecturer (Agricultural Economist), Agricultural Management |
| Thursday | 10:45 – 11:15  30 min | A practical solution to the challenges of keeping food affordable | (Talk & demo)  – Discussion on a practical solution to the challenges of keeping food affordable | Mr Anthonie du Toit | NMMU Lecturer, Agricultural Management |
| Thursday | 11: 30 – 12:00  30 min | Global appetite for meat |  |  | Glenwood House Grade 11 Life Sciences Students |
| Thursday | 12:15 – 13:00  45 min | Virtual water and unaffordable food for Africa, from Africa | Earth Sciences / water and food security | Prof Maarten de Wit | NMMU Earth Stewardship Chair |
| Thursday | 13:00 – 13:30  30 min | Cooking demo preparation |  |  |  |
|  | 13:30 – 14:30  60 min | Healthy food – Fun, Economical, Easy & Delicious! (FEED) | Cooking demo combined with a talk | Mr Francois Ferreira | Francois Ferreira Academy…  Culinary guru and well-known celebrity chef |
| Thursday | 14:45 – 15:15  30 min | Dairy: Food for thought! |  | Ms Maryna Lehmann-Maritz | NMMU Lecturer & Programme Co-ordinator, Agricultural Management, NMMU George Campus |
| Thursday | 15:15 – 16:00  45 min | The Agri Park Concept |  | Dr Jan Raats |  |
| **FRIDAY**  **1 AUGUST**  **2014 \*** | **Time** | **Title of presentation** | **Subject** | **Speaker** | **Affiliation** |
|  | 09:00 | Opening and welcome |  |  |  |
| Friday  1 August | 9:05 – 9:50  30 – 45 min | Using simple technology to produce nutrient rich food. | Technology & its use for producing nutrient-rich food | Dr Gavin Linsley-Noakes | NMMU |
| Friday | 10:00 – 10:30  30 min | Sustainable fishing |  |  | Glenwood House Grade 11 Life Sciences Students |
| Friday | 10:45 – 11:30  45 min | The Blue Revolution and how it can (or should) contribute to feeding the planet | Aquaculture / Marine culture | Dr Jaco Barendse | NMMU Postdoctoral Research Fellow, Sustainability Research Unit / SANParks |
| Friday | 11:45 – 12:15  30 min |  |  |  | Glenwood House Grade 11 Physical Science Students |
| Friday | 12:30 – 13:15  45 min | “Entomophagy and its potential as a sustainable food source and the Mopani Worm as a South African example”. | The role of the Mopani Worm in food security | Mr Donovan de Swardt | MTech Nature Conservation student at NMMU George |
| Friday | 13:30 – 14:00  30 min |  | Permaculture | Mr Andrew Mugford | Permaculture SA |
| Friday | 14:10 – 14:55  45 min | Genetics and Genetic Modification | GM (& Food Safety) How can one with the science of genetics ensure that the world always has sufficient food for its people? He is involved in the “breeding” of new products… and would probably be in a position to show examples of his work/ the products that have been developed… Strong science focus. | Mr Pierre Maritz | Klein Karoo Saad |
| Friday | 15:10 – 15:40 30 mins | Zero-tillage and Cover Crops | What can be observed in regards to the use of cover crops and zero tillage in agriculture and gardening across the borders of countries, cultures, education and income groups. Specific emphasis on the use of these practices in farming without synthetic chemicals, especially for meeting the needs of the immediate family and community. | Ms Constance-Marie Hugo | Knysna High School |
| Friday | 15:45 – 16:00 |  | Questions & Closing Remarks | Mr Dennis Symes & Prof Jos Louw / Prof Quinton Johnson | Principal, Glenwood House & Director: SNRM, NMMU & Campus Principal, George Campus, NMMU |

**Members of the public are also invited to participate in the following on 31 July and 1 August 2014:**

* **Glenwood Enviro Club** will be conducting wetland tours during SCIEX 2014. The tours depart daily at 11:00 and 13:00. The assembly point is underneath the drive-through arch at Glenwood House School. Additional tours can be arranged on request.
* **Expo’s and demonstrations** on a variety of topics relating to the theme – *Food for All*
* **Workshops** (Life Sciences Laboratory - only 15 spaces available per session - booking essential):

Thursday and Friday

09:30 - 09:50 and 14:30 - 14:50: DNA Extraction (ages: Grade 8 - adult)

10:10 - 10:30 and 15:00 - 15:20: Genetically modify your lunch (ages: Grade 8 - adult)

* **Displays:**

Seed banks; Food wastage solutions;

Tissue culture; Permaculture

EM radiation;

Fuels from plants;

Greenhouse design and construction.