

**AFRICAN NATURAL PRODUCTS RESEARCH
AND TRAINING NETWORK
(RISE - AFNNET)
REGIONAL INITIATIVE IN SCIENCE AND EDUCATION**

www.rise-afnnet.com

Supported by The Carnegie Corporation of New York



The African Academy of Sciences
Science Initiative Group
Institute for Advanced Study

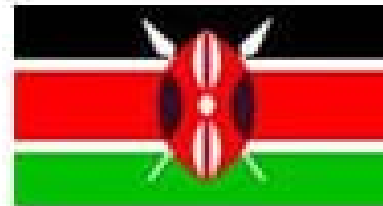
SIG



Uganda



Tanzania



Kenya



DAR ES SALAAM 2012





Why NPs

- immense potential to contribute to poverty eradication and sustainable livelihoods
- Rapid loss of NP Biodiversity: Neglected & Underutilized; Rapid population growth, and insufficient human capacity





Rozites caperata



- **Vision:** To be the principal Academic Network in African Natural Products Value Chains.
- **Mission:** To nurture transformative Skills, Knowledge, Technology, Innovations and Community services in the African NP Industry.






AFNNET STRATEGY

- A new generation of NP academics, professionals and entrepreneurs



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- Sustainable Networking and Partnerships
 - Transformative educational models and curricula (Educations & Training) – credit transfer, modular
 - Instrumentation and Technology centers (Research & Services)

ACHIEVEMENTS

1. A multi- and trans-disciplinary regional MSc program in NP Technology & Value Chains developed and implemented
2. Enhanced inter and intra- University collaborations in the region – cross supervision
3. Deepening public-private sector collaborations in teaching, research, extension, service and internships
4. Contributed to Career growth, Promotions and Staff Retention – PostDoc, PhD & MSc

ACHIEVEMENTS

5. Commercialisation - Patenting NP extracts and isolates: 3 process patents have been registered
6. 14 student publications & 14 under review
7. 20 conference presentations
8. Various laboratory equipment to strengthen existing facilities

MSc curriculum approved by Senate



University of NAIROBI

Admissions Supplement Dec./January 2011
<http://www.uonbi.ac.ke>

College of Agriculture and Veterinary Sciences **College of Biological and Environmental Sciences**

1. Postgraduate Diploma in Computer Science/Information Systems of at least Credit from the University of Nairobi or any other institution recognized by Senate.

Word from the Vice-Chancellor

I wish to warmly welcome you all who are interested in the programmes offered by the University of Nairobi. By the time you complete reading through the supplement for **January Admission**, I am sure you will have identified one or two programmes that will suit your academic and professional needs.

The University of Nairobi in its pursuit of world class excellence continues to contribute to national and regional development by offering training in high-level human resource development in specialized areas that are not catered for by any other institution of higher learning in the country. An innovative development in the University's education delivery and training has been the introduction of continuing education/module II programmes. In availing windows of opportunity to all in search of knowledge, the University has expanded its modes of delivery to include distance and e-learning. The University is also offering tailor made programmes that are demand/customer driven, in collaboration with partners, to suit the needs of our country as well as the region.

The University has established over 100 international academic links and exchange programmes that have placed the University at the cutting edge of knowledge. For example the Institute of Tropical and Infectious Diseases, an initiative between the University of Nairobi and the University of Manitoba. With the Alumni Association, we will continue to forge collaborations with other local and international institutions and the corporate world in order to optimise the impact of our programmes. Knowledge is power, and the University of Choice remains the University of Nairobi. To find out more and keep abreast with the latest developments at the University of Nairobi, you are invited to log onto our website: www.uonbi.ac.ke

Professor George A. O. Magoha, IOM, EBS

Master of Science in Natural Products and Bioprospecting

Minimum Admission Requirements
 Holders of Bachelor of Veterinary Medicine, Bachelor Medicine Surgery, Bachelor Pharmacy, Bachelor Science in Nursing, Bachelor Surgery, Bachelor of Science (Biomedical Technology, Zoology, Bi Biochemistry, Chemistry, Animal Science and Agriculture) or Master in related disciplines

For more information contact.
 Chairman, Department of Public Health, Pharmacology and Tox P O BOX 29053-00625 Nairobi
 Tel. 254 20 2453621
 Email: depr-publichealth@uonbi.ac.ke

Bachelor of Science Agricultural Education and Extension Programme

Minimum Admission Requirements
 1. KCSE certificate with minimum of C+ and or C or above in Biological Sciences
 2. KACE or equivalent with minimum (2) principal passes and at pass in Mathematics
 3. Diploma from a recognized Agricultural or Veterinary College
 4. University Degree
 5. Higher National Diploma from a recognized institution

MODE OF LEARNING: Distance Learning

For more information contact.
 The Dean Faculty of Agriculture & Veterinary Sciences
 Tel: 254 20 2181354 or 0733 240739
 Email: deanagric@uonbi.ac.ke

Master of Science in Natural Products and Bioprospecting

Minimum Admission Requirements
 Holders of Bachelor of Veterinary Medicine, Bachelor Medicine and Bachelor of Surgery, Bachelor Pharmacy, Bachelor Science in Nursing, Bachelor of Dental Surgery, Bachelor of Science (Biomedical Technology, Zoology, Biology, Biochemistry, Chemistry, Animal Science and Agriculture) or Master of Science in related disciplines

Application Deadline 2 November 2010

Student roles

- Co-supervision
- Teaching / Tutorial fellowships
- Research
- Community Outreach / Dissemination
- Enhanced interaction

Inter-node activities

- Cross – supervision of PhDs
 - MAK students to SUA
 - MAK student to UoN
- External Examination
- Planned fellows conference in MAK

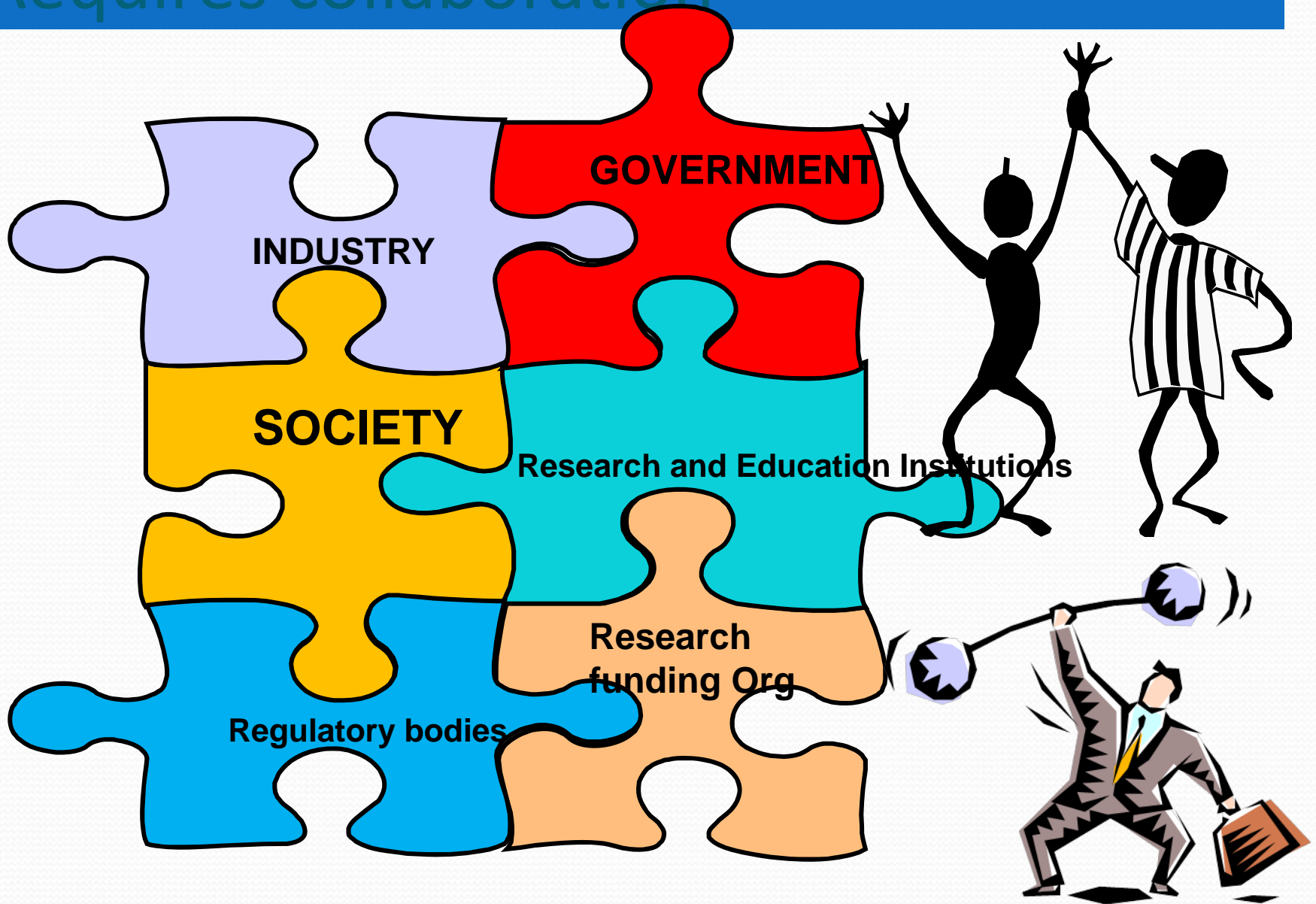
Future Focus



Future Focus

1. Sustainability of MSc Program
2. Finishing and graduation
3. Future joint grants / support / partnership
4. Focus on E-learning Technology
5. Faculty retention at Nodes
6. Product development / patents

Requires collaboration





- THANK YOU