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GROW GREEN AFRICA (GR2A) INFORMATION SESSION 2 JULY 2024

PRESENTATION OUTLINE

- INTRA-AFRICA ACADEMIC MOBILITY SCHEME
- The Gr2A Project
- Gr2A Objectives
- Application Process
- Funding mechanism
- Evaluation Criteria

INTRA-AFRICA MOBILITY SCHEME

- Part of the Youth Mobility for Africa
- Provides learning mobility (student exchange) opportunities in Africa
- Supports both students and staff
- Promotes economic, social, and human development of Africa

INTRA-AFRICA MOBILITY SCHEME (2024 – 2027)

Overall objective: To increase skills and qualifications across the African continent

- Sub-objectives
- To promote inclusive learning mobility opportunities
- To increase the employability of higher education students and trainees and their entrepreneurial skills
- To improve the quality, relevance, internationalisation of higher education in Africa
- To reinforce focus on climate change mitigation and adaptation in higher education

THE GROW GREEN AFRICA (GR2A) PROJECT

- A Consortium of 6 universities on a 4 year project
- 5 African Higher Education Institutions (HEIs) universities :
- I. Copperbelt University (CBU) Zambia,
- II. Namibia University of Science and Technology (NUST) Namibia
 III. National University of Science and Technology (NUST) Zimbabwe
 IV. Rhodes University South Africa
- V. University of Swaziland (UNESWA) Eswatini
- European university:
- I. University of Turku Finland



GR2A PROJECT FOCUS

- Development of Smart and Sustainable Technologies
 - Sustainability the ability to maintain or support a process continuously over a period of time
 - Sustainability can be viewed across 5 dimensions:
 - environmental, economic, individual, social, and technical (Peters et al. 2024)
 - Green computing (Green ICT/Green IT/ICT sustainability) :
 - study and practice of environmentally sustainable computing or IT (Saha 2014)

GR2A OBJECTIVES

- Design a unique climate change-related curriculum in computing (accomplished).
- Create teams of Masters and PhD scholars to tackle certain research areas in climate-smart technologies.
- Use AI to advance hydrological models and projections under climate change
- Use smart technologies to predict trends in vegetation
- Train students in PhD and Masters research on predictive analytics.
- Identify industries to support internships for scholarship.
- Work with communities to create climate-smart solutions

GR2A OVERALL TARGETS

Human Capital Development in Computing

- Train 10 PhDs
- Train 35 Master's students
- Support 8 trainees



GR2A CURRENT SCHOLARSHIP ADVERT (2024)

- Master's
- Programme
- Big Data
- Computer Science
- Information Systems
- Management

Institution NUST, Zimbabwe CBU; Rhodes NUST, Namibia; NUST Zimbabwe; Rhodes NUST, Namibia

PhD

- Computer Science
- Information Systems
- GIS

Rhodes; UNESWA NUST, Namibia; NUST, Zimbabwe; Rhodes UNESWA

GR2A THEMATIC AREAS

- CBU, Zambia
- NUST, Namibia
- NUST, Zimbabwe
- Rhodes
- UNESWA

- Climate smart Technologies in Mining
- Climate modelling & weather prediction
- Climate smart IS in Agriculture
- Renewable Energy, ICT4D
- Water resource modelling

TARGET GROUPS (CURRENT CALL)

- STUDENTS (at Master's and Doctorate):
 - national of and resident in an African country
 - graduated/registered/admitted at one of the African HEIs member of the consortium (TG1)
 - CBU
 - NUST Namibia
 - NUST Zimbabwe
 - Rhodes University
 - UNESWA
 - or any other African HEIs (TG2)





CONTACT PERSONS

InstitutionCBU, Zambia

NUST, Namibia

NUST, Zimbabwe

Rhodes, South Africa

UNESWA

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MOBILITY ELIGIBILITY

- Only HEIs in the Gr2A Consortium can host mobility of students (TG1)
- Mobility can only be carried out in an African country different from the country of nationality and residence of the scholarship holder
- Student mobility of two types:
 - credit-seeking mobility (leading to the academic recognition by the home HEI of the study/research period spent at the host HEI)
 - degree-seeking mobility (for a complete academic programme)
- Mobility Duration (Determined in the call)
 - Master's students 4 to 24 months
 - Doctoral candidates 6 to 36 months

FINANCIAL SUPPORT

- Stipend (accommodation and living expenses)
 - Master's students (per month of mobility) € 890
 - PhD students (per month of mobility) € 1.230
- In addition
 - Full fees cover
 - Insurance cover
 - Visa fees
 - Return ticket to and from the host institution
 - Research support

APPLICATION PROCESS

- I. Identify your target group (TG1 or TG2)
- II. Check whether there are institutions that offer your degree of choice
- III. Visit your institution (online) of choice and identify a tentative supervisor
- IV. Submit an application after liaising with the institution contact person (check call document)
- V. With an offer letter from your institution apply to Gr2A for funding
- VI. Download the Application form
- VII. Fill in all requirements
- VIII. Submit the form together with all the certificates and support documents

APPLICATION REQUIREMENTS

Application Checklist

- Motivation letter
- Project proposal in the area of study
- Detailed curriculum vitae
- Certified copy of undergraduate certificate
- Certified copy of undergraduate transcript
- Certified copy of master's certificate
- Certified copy of master's transcript
- Certified copies of National ID and passport data page
- Proof of university admission/ offer letter
- Three (3) letters of reference
- Disability Certificate(where applicable)

SELECTION PROCESS

- Applicants are ranked according to performance
- Each institution fills its available posts using first choices and highest performers
- If posts are still available second choices are considered
- Any high-performing students not selected are placed on the waiting list according to rankings
- Students receive notice of the outcome once the selection process is over

NOTIFICATION OF SELECTION RESULTS

- All applicants will be notified of the outcome of their application via email.
- For the selected applicants the notification will include:
 - Instructions for further steps (visa guidelines, etc.)
 - A model of the student agreement
 - Any other relevant information
 - Applicants will be given time to accept the offer
- For the Unselected, notification will include:
 - The results of the selection
 - The procedure to follow for an appeal to the selection decision

STUDENT SUPPORT

- Each institution will provide academic support to students through structures set up for the purpose
- Students will receive social support to enable them to settle in
- Institutional and Consortium seminars will be arranged to guide students on their research
- Collaborative research among students will be organized
- Each institution will define course credits for short-term mobility to facilitate recognition of studies

THANK YOU

REFERENCES

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Q & A Session