



AIMS

African Institute for
Mathematical Sciences
NEXT EINSTEIN INITIATIVE

We're transforming Africa through innovative scientific training, technical advances and breakthrough discoveries!

The African Institute for Mathematical Sciences (AIMS) is a pan-African network of centres of excellence for postgraduate training in mathematical sciences, research and public engagement in STEM. Its mission is to enable Africa's brightest students to flourish as independent thinkers, problem solvers and innovators capable of propelling Africa's future scientific, educational and economic self-sufficiency. The first AIMS centre opened in Cape Town, South Africa in 2003; since 2011, AIMS has opened additional centres in Senegal, Ghana, Cameroon and Rwanda.

Each AIMS Centre provides expertly tailored academic and non-academic programs, training around 50 African students each year and preparing them for leadership in the domains of academia, government and industry. The AIMS academic program relies on top international lecturers who teach in a 24-hour learning environment.

If you bring a collaborative spirit with a passion to effect change, consider this opportunity:

Job Title:	Academic Director, AIMS Senegal
Reports to:	Centre President, AIMS Senegal
Direct Reports:	1 to 10
Status:	Full Time – 2 Years Renewable Contract
Duty Station:	Mbour, Senegal

Overview

To spearhead the management of all academic aspects of the Centre – one of five international centres that conducts teaching, research and outreach in the mathematical sciences. Serving a roster of students from across Africa and under the direction of the Centre President in tandem with the Chief Academic Officer – AIMS Global Network, the incumbent will manage and contribute to an innovative and international-class academic programme at the Masters level in the Mathematical Sciences.

In close collaboration with the Chief Operating Officer (COO), gives guidance to the launch of an established curriculum and gives leadership to a diverse team of tutors and world-class visiting lecturers. Additionally, the incumbent is to be an active contributor and catalyst to research and outreach initiatives—ultimately to facilitate and set the groundwork for the Centres continued growth.



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Responsibilities

1. Curriculum Development & Management

- a. Collaborate with network wide academic peers to contribute to the ongoing growth of academic offerings
- b. Provide support (academic wise) to the Centre President and the COO during the project proposal writing and fund raising activities or the development of related documentation. He is also expected to raise additional fund for the travel of lecturers.
- c. Develop, in collaboration with the Centre President and the Chief Academic Officer, new Masters and Short training programs which are relevant for the centre.
- d. Give direction and oversight to the academic team including students, lecturers and tutors, actively leading the selection process of each category of team members (involving partner universities and other actors)
- e. Daily manage the established curriculum including scheduling, interaction with lecturers, interaction with students, interaction with tutors, student development Manager/officer and other colleagues who will have opportunity to influence the learning environment
- f. Attend all network/centre required meeting and training pertaining to the job of Academic Director
- g. Ensure High Quality and respect of the AIMS Network Quality Assurance Policy while implementing the established curriculum.

2. Research

- a. Coordination of the research essay phase of the Masters programmes
- b. Ensuring a good level of research for the Academic Director, the tutors and any other academic staff under supervision
- c. Developing other research and workshops programmes in coordination with the centre Leadership

3. Stakeholder Relations & Partnerships

- a. Together with the Centre President, identify, establish and nurture relationships with national and international universities or institutions, that yield mutually beneficial and sustainable partnerships.

4. Operations Management

- a. As a senior manager at the Centre, participate in and contribute to the development of the Centre's operational plan and budget process
- b. Be a visible ambassador of organizational policies and practices taking corrective action with students and academic staff/volunteers as may be necessary
- c. Liaise closely with the operations team to ensure essential tools and resources are effectively in place to support the learning objectives



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Competencies & Other Requirements

- A Doctorate in Mathematical Sciences (Mathematics and their applications)
- Minimum 5 years' research/ teaching experience with a proven track record of publication and teaching at the graduate and postgraduate level
- Minimum 2 years' experience managing academic professionals in an international setting, with particular expertise with African academia
- Candidates who do not meet the minimum experience, but who have relevant experience that provided significant exposure in mathematical sciences will be considered possibly for an Academic Manager Position to start with.
- Minimum grade of Associate Professor would be an asset
- Superb relationship management skills to lead, manage and mentor a diverse team of academic professionals
- A proven track record of entrepreneurial and innovative approaches to build sustainable growth
- A genuine passion to heighten the development of mathematical sciences in Africa
- Fluency in English and French is essential: Read Speak and Listen
- Working knowledge of scientific computational (Python, computer algebra software,...etc.) and editing software such as Latex. Acquaintance with the Microsoft Office Suite, including Excel, PowerPoint, Word and Internet applications (Dropbox, Skype, Zoom, Gmail, etc.).

Working Conditions

- AIMS Senegal Centre of Excellence/Educational Environment
- Travel within and out of Africa, for periodic extended in-country stays of up to 8 weeks
- Availability outside of normal business hours to respond to student/organizational needs.

Are you ready to be a part of the transformation?

Click on [this link to apply](#).

Should no feedback be received from AIMS-NEI within four weeks of your submission, kindly accept that your application will not be further pursued. AIMS-NEI reserves the right not to make an appointment at its sole discretion.

AIMS-NEI is an equal opportunity employer. Visit www.nexteinstein.org to learn more about AIMS.