

## **Next Einstein Initiative: CEO Job Description/Advert**

The Next Einstein Initiative (NEI) is building a network of postgraduate centres of excellence for teaching and research in the mathematical sciences, throughout Africa, building on the proven success of the prototype African Institute for Mathematical Sciences (AIMS) in Cape Town, South Africa. The network of AIMS Centres will operate as a single, coherent, pan-African institution, performing the following tasks: recruiting outstanding African graduates and international lecturers; teaching broadly applicable problem-solving skills and fostering innovative thinking; enabling its graduates to pursue successful careers in education, science, technology, business and government, in Africa, and thereby building a pan-African high-skills community which can make a major contribution to Africa's future economic and political self-sufficiency. By recruiting and developing scientific talent in Africa, NEI aims to discover people of rare creative genius, capable of revolutionary advances in various fields of human endeavour. By adding entrepreneurship and leadership skills to the curriculum, NEI aims to stimulate wealth creation. As well as the Next Einstein, we hope to discover the Next Gates, Brin and Page, in Africa.

NEI is now recruiting a Chief Executive Officer, to manage all aspects of the development and implementation of the NEI programme. The successful applicant will: be strongly committed to African development and the NEI goals; be a highly knowledgeable project manager preferably with an MBA and/or business building experience; possess significant experience in planning, developing and managing large partnership projects; be an outstanding project and staff manager with a track record of timely implementation; preferably have good academic/scientific knowledge; be fluent in English with a strong command of French; be an intelligent, well-organised, responsible and highly responsive individual with excellent interpersonal skills.

Their role will be:

- 1) To develop the overall business plan for NEI, under the supervision of the NEI Board of Directors and in close partnership with the prototype AIMS Centre in Cape Town, the new AIMS Centre at the African University of Science and Technology (AUST) in Abuja, Nigeria, and the corporate, academic and political partners of AIMS including Barclays, McKinsey & Company, TED, Avenue A/Razorfish, various Universities and research Centres, NEPAD, the African Union, etc.
- 2) To assist in the creation of NEI Committees, which shall advise the NEI Board on various aspects of the operations of NEI, including:
  - a) Fundraising;
  - b) Academic programme development;
  - c) Entrepreneurship and leadership programme development;
  - d) PR and communications, developing the AIMS and NEI Brands;
  - e) Liaison with key stakeholders (e.g. business community, governments, academic institutions, NGOs, pan-African political organizations)

3) To coordinate the selection process for each new AIMS Centre, in close liaison with NEI, AIMS and the African Mathematical Institutes Network (AMI-Net) Council; by identifying a suitable location and by liaising with government, University and corporate partners at each prospective site, arranging the appropriate MoUs as needed to ensure the necessary autonomy, governance and funding mechanisms, including donor and government funding; by assisting in the recruitment of the Director for each new AIMS Centre, and by working with local staff to set in place all the requirements for a successful new AIMS Centre.

4) To coordinate the fundraising for NEI under the supervision of the NEI Board, helping to recruit NEI Ambassadors including leading African and international figures, arranging Launch events, meetings with prospective donors and donor agencies and preparing the necessary documentation for these meetings.

5) To supervise the development of the NEI website ([www.nexteinstein.org](http://www.nexteinstein.org)), in partnership with Avenue A/Razorfish and IT staff at AIMS, including materials to be placed there. To supervise the overall IT programme including web infrastructure which will play a key role in the coordination of the network of AIMS Centres, allowing:

- a) constant communication between the NEI Hub located at AIMS in Cape Town and each new AIMS Centre, including progress reports, trouble shooting, etc.,
- b) the creation of coordinated websites for each new AIMS Centre, building the AIMS Brand;
- c) the constant sharing of software and documentation, so that the AIMS Centres continue to operate in close partnership and coordination.

6) To implement the NEI business plan, in particular by:

- a) setting in place the necessary governance and quality control mechanisms whereby the operations of each new AIMS Centre can be monitored and reported on to the NEI Board and, where necessary, remedial actions can be taken;
- b) developing a training manual and a management training course, so that the staff of prospective AIMS Centres receive intensive training in advance of the opening of each new Centre, and regular training thereafter;
- c) establishing the necessary infrastructure for the successful recruitment of the pan African student body at each new Centre, as well as the needed tutors and lecturers;
- d) working with NEI partners to set in place a funding mechanism whereby donations to NEI can be made internationally, and can be distributed without hindrance to each AIMS Centre as required, to the highest international standards of transparency and accountability.
- e) setting in place a communications office and PR operations for NEI so that there are regular press releases and reports on the progress of NEI and of individual AIMS Centres.

7) To recruit such additional project management staff as are needed to successfully implement the above tasks.

The CEO's KPIs will be agreed with the NEI Board and will be tightly linked to the NEI goals of opening 15 AIMS centres of excellence across the African continent within the next 5 years, graduating 750 of the continent's highest calibre postgraduate students each year.

APPLICATION: Please apply before September 31<sup>st</sup> to the

Chairperson of the NEI Board,

Professor Neil Turok,  
African Institute for Mathematical Sciences,  
6-8 Melrose Rd,  
Muizenberg, Cape Town 7945,  
South Africa

OR

Centre for Mathematical Sciences,  
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