

2011 AFRICAN UNION KWAME NKRUMAH SCIENTIFIC AWARDS

INDICATIVE APPLICATION EVALUATION SCORE SHEET

Each application will be examined according to the three sections identified in the application form which are:

- I. Academic and Employment background (this part will contribute 20% of the total score)
- II. Academic achievements and publications (this part will contribute 70% of the total score)
- III. Impact of the applicant's research in Africa's socio-economic development (this part will contribute 10% of the total score)

In each section the highest scoring applicant will be assigned a score of 100, and other applicants score will be calculated as a percentage of the top score.

I. **Academic and Employment background** (20%)

A. **Academic Background**

1. **Applicant recent degree**

- DSc. or PhD. 5
- MSc. 3
- BSc. 1

2. **Institution (that the applicant graduated from)**

University rank

- Top 100 6
- 101-200 5
- 201-302 4
- 303-401 3
- 402-503 2
- Not listed 1

In this part we will use the Academic ranking of world universities see <http://www.arwu.org/rank2008/EN2008.htm> In this ranking Universities were ranked using several indicators of academic or research performance, including alumni and staff winning Nobel Prizes and Fields Medals, highly cited researchers, articles

published in Nature and Science, articles indexed in major citation indices, and the per capita academic performance of an institution.

B. Employment History

1. Country of Origin

- Working experience more than 15 years as a professional scientist
5
- Working experience for 10 to 15 years as a professional scientist
4
- Working experience less than 10 years as a professional scientist
3

2. African institution (outside the country of origin)

- Working experience more than 5 years as a professional scientist
5
- Working experience for 3 to 5 years as a professional scientist
4
- Working experience less than 3 years as a professional scientist
3

3. International institution

- Working experience more than 3 years as a professional scientist
5
- Working experience for 1 to 3 years as a professional scientist
4
- Working experience for less than one year as a professional scientist
3

II. Academic Achievement and Publications (70%)

A. Journals Publications

1. SCI Publications

For each SCI publication the applicant will be given 8 points in case of being the corresponded author 4 more points will be added to him (i.e. the total points will be 12) but if the applicant is a co-author 2 point to be added (i.e. the total points will be 8). See the list in www.isinet.com

If the publication has more than 4 co-authors the score scorer will be calculated as follow 4 times 8 divided by the total number of Co-authors

2. International Journals Published in the G8

For the Journals published in the G8 (Canada, France, Germany, Italy, Japan, Russia, UK, and USA) the following will be the criteria: For each publication the applicant will be given 4 points in case of being the corresponded author 3 more points will be added to him (i.e. the total points will be 7) but if the applicant is a co-author 1 point to be added (i.e. the total points will be 5).

If the publication has more than 4 co-authors the score scorer will be calculated as follow 4 times 5 divided by the total number of Co-authors

3. African Journals

For the Journals published in African Union Member states the following will be the criteria: For each publication the applicant will be given 1 points in case of being the corresponded author 2 more points will be added to him (i.e. the total points will be 3) but if the applicant is a co-author 1 point to be added (i.e. the total points will be 2).

If the publication has more than 4 co-authors the score scorer will be calculated as follow 4 times 2 divided by the total number of Co-authors

4. Other Journal (Non SCI, Non G8 and Non African Journals)

For the Journals not published in African Union Member states, G8 or listed as SCI the following will be the criteria: For each publication the applicant will be given 2 points in case of being the corresponded author 2 more points will be added to him (i.e. the total points will be 4) but if the applicant is a co-author 1 point to be added (i.e. the total points will be 3).

If the publication has more than 4 co-authors the score scorer will be calculated as follow 4 times 4 divided by the total number of Co-authors

B. Conference publications

For conference publications each applecart will receive:

- 3 points/ article / international conference if he is the corresponded author
- 2 points/ article / international conference if he is the co-author
- 1 point/ article / local or continental conference if he is the corresponded author
- 0.5 point/ article / local or continental conference if he is the co-author

C. Contribution to the African Scientific library

The contribution of the applicant to the African Scientific library will be assented as follow:

- 20 points/book written by the applicant and published by international publishing house.
- 10 points/ book where the applicants contribute in as Co-author and published by international publishing house.
- 7 points/book written by the applicant and published by local and/or continental publishing house.
- 5 points/ book where the applicants contribute in as Co-author and published by local and/or continental publishing house.
- 10 points/ book translated to African languages
- 1 point/ university book written by the applicant (academic note)
- 0.5 point / university book where the applicants contribute in as Co-author

D. Number of Inventions or Patents

- 10 points /International patents
- 5 Points /Continental patents
- 4 points/ Local patents
- 3 points/ Invention that in application by the industry in the Applicant member states

III. Impact of the applicant's research in Africa's socio-economic development
(10%)

In this section the Jury will identify the impact of the applicant research in Africa's socio-economic development using the following

- Justification letter sent by the applicant
- Number of MSc. and PhD. students
- Former recognition and awards received by the applicant
- The justification given by the three references
- Personal judgment depends on the overall application