

1056-H7-1932 **Josephine Davis Davis (Dr.)*** (davisj@fvsu.edu), Department of Mathematics and Computer Sci., Fort Valley State University, 1005 State University Drive, Fort Valley, GA 31030, and **Monica Mitchell** (mmitchell@qem.org), Quality Education for Minorities, 1818 N St. SW Suite 350, Washington, DC 20036. *A Pan-African Model for Developing Mathematical Talent in Africa.*

Talent identification and the development of mathematically gifted students in Africa require the commitment of African mathematicians and the global mathematics community. The breadth of the African continent, language barriers and inequitable access to quality instructional resources and trained mathematics professionals are but a few challenges confronted.

The African Mathematical Union (AMU) fosters international cooperation for cultivating mathematical talent through one of its four commissions, the Pan African Mathematics Olympiad (PAMO). PAMO sponsors annual competitions modelled after the International Mathematics Olympiad to identify African talent.

The John Templeton Foundation, via the Quality Education for Minorities (QEM), funded a Committee of Visitors (COV) to assess AMU's capacity for talent development. Site visits were made from 2006 - 2009 to Senegal, Benin and Cotonou. COV's findings and programmatic vision for broadening African talent development are herein presented. Additionally, the transfer potential of these strategies for enhancing mathematical talent among underserved students in the USA should encourage the historical addition of a minority on the USA's International Mathematic Olympiad team. (Received September 22, 2009)