



United Nations  
Educational, Scientific and  
Cultural Organization

Organisation  
des Nations Unies  
pour l'éducation,  
la science et la culture

## **UNESCO Forum on Higher Education, Research and Knowledge**

# **AGENDA**

## **Colloquium on Research and Higher Education Policy**

### **“Universities as Centres of Research and Knowledge Creation: An Endangered Species?”**

**29 November-1 December 2006**

**UNESCO Fontenoy, Room XII**

## 29 November 2006

8.15 Registration

9.30 Welcome and opening ceremony

Chair of session: **Professor Georges Haddad**, Director, Division of Higher Education, UNESCO

Opening remarks:

**Mr Koïchiro Matsuura**, Director-General of UNESCO

**H.E Gun-Britt Andersson**, Ambassador, Permanent Delegate of Sweden to UNESCO and OECD, Permanent Delegation of the Kingdom of Sweden to UNESCO

**Professor Walter Erdelen**, Assistant Director-General for Natural Sciences, UNESCO

**Professor Thandika Mkandawire**, Chair, UNESCO Forum Global Scientific Committee, and Director, United Nations Research Institute for Social Development (UNRISD)

**Professor Berit Olsson**, Director, Swedish International Development Agency, SAREC, Sweden

10.15 Global keynote scenario:

**Professor H.A. Zakri**, Director, Institute of Advanced Studies (IAS), United Nations University

*Research universities in the 21st century: global challenges and local implications*

11.00 Coffee/Tea

Session 1: Keynote addresses

Chair of session: **Professor Thandika Mkandawire**, Chair, UNESCO Forum Global Scientific Committee, and Director, United Nations Research Institute for Social Development (UNRISD)

11.15 Research Capacity

**Professor Arthur Bienenstock**, Stanford University, United States of America

*Essential characteristics of research universities*

11.45 Research Productivity

**Professor Imanol Ordorika**, National Autonomous University of Mexico (UNAM), Mexico City, Mexico

*Commitment to society: contemporary challenges for public research universities*

12.15 The Social Relevance and Utility of Research

**Professor Charas Suwanwela**, Chairperson of Chulalongkorn University Council, Bangkok, Thailand

*Relevance and utility issues for research in developing countries*

13.00 Lunch

Session 2: Guest presentations

Chair of session: **Ms Eva Egron-Polak**, Secretary-General, International Association of Universities (IAU)

**14.30 Professor Jorge Yutronic**, International consultant on science, technology and innovation, Chile

*University-based applied R&D: promising results and new challenges. A regional perspective*

Discussant: **Dr Mario Cervantes**, Directorate for Science, Technology and Industry, OECD

**15.00 Professor Charles Edquist**, Lund University, Sweden

*The role of universities in the innovation system*

Discussant: **Dr Albert Sasson**, Founding Member of the Royal Academy of Sciences, Morocco

**15.30** Coffee/Tea

Session 3: Guest presentations (continued)

Chair of session: **Dr Mary Louise Kearney**, UNESCO Forum on Higher Education, Research & Knowledge

**15.45 Professor Xue Lan**, Tsinghua University, China

*Universities in China's national innovation system*

Discussant: **Dr Anthony Marjoram**, Engineering Programme, Division of Basic and Engineering Sciences, UNESCO

**16.15 Dr Joseph Massaquoi**, Director, UNESCO Regional Bureau for Science and Technology in Africa, Nairobi, Kenya

*Science and technology human resource capacity-building in Africa. The role of regional cooperation*

Discussant: **Dr Carthage Smith**, Deputy Executive Director, International Council for Science (ICSU)

**17.00 Discussion sessions on the three keynote addresses and the four guest presentations**

Parallel session 1 (English)

Chair of session: **Professor Goolam Mohamedbhai**, President, International Association of Universities (IAU), and Chair, UNESCO Forum Africa Scientific Committee

Parallel session 2 (French)

Chair of session: **Professor Nouria Benghabrit-Remaoun**, Centre de Recherche en Anthropologie Sociale et Culturelle (CRASC), Chair, UNESCO Forum Arab States Scientific Committee

**18.30** Closing of Day 1

**18.30** Cocktail, UNESCO Fontenoy, Cafeteria, 7th floor

## 30 November 2006

### Parallel sessions

*Note: All session Chairs and Rapporteurs are members of the UNESCO Forum's Global or Regional Scientific Committees.*

### 9.00-10.30 Parallel session 1

#### **Research capacity** (Room IX)

*The division of labour in international knowledge and research systems*

#### Chair:

**Professor Nabil Kassis**, President, Birzeit University, Palestine

#### Rapporteur:

**Professor Teboho Moja**, School of Education, Department of Administration, Leadership and Technology, New York University, New York, United States of America

#### Presentations:

- 1. Research capacity of the higher education sector in developing countries*  
**Dr Bikas C. Sanyal**, Consultant, UNESCO International Institute for Educational Planning (IIEP), Paris, and Member of the Governing Board of the UNESCO International Institute for Capacity-Building in Africa (IICBA), Addis Ababa  
**Dr N.V. Varghese**, Head, Higher Education and Specialized Training, UNESCO International Institute for Educational Planning (IIEP), Paris
- 2. Research and knowledge creation in the Caribbean for endogenous development and building autonomous knowledge societies: the University of Puerto Rico and beyond*  
**Dr Eduardo Aponte**, Director, Higher Education Research Centre, Faculty of Education, University of Puerto Rico, San Juan, Puerto Rico  
**Dr Angeles Molina Iturrondo**, Dean, Faculty of Education, Higher Education Research Centre, University of Puerto Rico, San Juan, Puerto Rico  
  
**Note:** the authors are the coordinators of the UNESCO Chair for Innovation, Management and Collaboration in Higher Education, University of Puerto Rico – a member of the Association of Caribbean Universities and Research Institutes (UNICA) and of the Macro Universities Network
- 3. Managing transformation towards an international research university: lessons learnt from Gadjah Mada University*  
**Dr Purwo Santoso**, Vice-Dean for Academic Affairs, Faculty of Social and Political Sciences, Gadjah Mada University, Yogyakarta, Indonesia

#### Discussion

**10.30** Coffee/Tea

**Research productivity** (Room XI)

*Comparative approaches and results of research output of organized research in different institutional settings*

Chair:

**Professor Silvia Torres-Peimbert**, Emeritus Professor, Instituto de Astronomia, and Professor, Faculty of Sciences, National Autonomous University of Mexico (UNAM), Mexico

Rapporteur:

**Professor El-Khawas**, Graduate School of Education and Human Development, George Washington University, Washington, EUA

Presentations:

1. *Towards a common and shared research in the East African Great Lakes Region universities*  
**Professor Joseph Gahama**, Kigali Institute of Education, Kigali, Rwanda
2. *Disendangering research and knowledge creation inertia amidst constraints in a teaching university: the experience of Universiti Sains Malaysia*  
**Professor Dzul kifli Abdul Razak**, Vice-Chancellor Universiti Sains Malaysia, Penang, Malaysia  
**Professor Ramli Mohamed**, School of Communication, Universiti Sains Malaysia, Penang, Malaysia
3. *Research productivity in Polish universities and its determinants at the beginning of the 21st century*  
**Professor Renata Siemieńska**, UNESCO Chair in Women, Society and Development, Department of Philosophy and Sociology, Warsaw University, Warsaw, Poland

Discussion

**10.30** Coffee/Tea

**The social relevance and utility of research** (Room XII)

*Evaluation of the trends and patterns of domestic and foreign funded research projects and their repercussions*

Chair:

**Dr Lidia Brito**, Assistant Professor, Eduardo Mondlane University, Mozambique, member of UNESCO-IHE Governing body and former Minister of Higher Education

Rapporteur:

**Professor Bahru Zewde**, Addis Ababa University, Ethiopia

Presentations:

1. *All equals within networks? Some are more than others. Scientific collaboration through international networks: a Latin American approach*  
**Professor Pablo Kreimer**, Instituto de Estudios Sociales de la Ciencia y la Tecnología Universidad Nacional de Quilmes, CONICET, Argentina  
(co-written by Mr Jean-Baptiste Meyer)
2. *University research in Comoros: theoretical and practical considerations*  
**Dr Abdallah Nouroudine**, Associate professor, Université des Comores, Moroni, Comoros
3. *Supporting the contribution of higher education to regional development: lessons learnt from an OECD review of 14 regions throughout 12 countries*  
**Dr Francisco Marmolejo**, Executive Director, Consortium for North American Higher Education Collaboration, CONAHEC, University of Arizona, United States of America  
(co-written by **Jaana Puukka**, Consultant, IMHE/OECD)

Discussion

**10.30** Coffee/Tea

**11.00**      Parallel session 2

**Research capacity**                      (Room IX)

*Financial support for academic research: sources, conditions, dependability*

Chair:

**Professor Ulrich Teichler**, Professor, University of Kassel, Germany, and College of Europe, Bruges, Belgium, and Director, Centre for Research on Higher Education and Work, University of Kassel, Kassel, Germany

Rapporteur:

**Professor Lynn Meek**, Professor, Sociology/Anthropology of Higher Education, and Director, Center for Higher Education Management and Policy in the School of Administration and Training, University of New England, Armidale, Australia

Presentations:

1.    *The commercialization of Chinese universities and its effects on research capacity*  
**Ms Yang Chen** and **Mr Jinmin Wang**, The China and Transitional Economy Research Centre, University of Northampton, United Kingdom
  
2.    *Funding of academic research in Nigerian universities*  
**Professor Patience Donwa**, Department of Accounting, University of Benin, Benin City, Nigeria
  
3.    *The role of autonomy in social science research: the view from UK and Australian universities*  
**Professor Carole Kayrooz**, Dean, Faculty of Education, Health and Science, Charles Darwin University, Australian National University, Lancaster, Australia

Discussion

**13.00**      Lunch

**Research productivity** (Room XI)

*How to look at research productivity? How to measure it? How to promote it in different contexts?*

Chair:

**Professor Akira Arimoto**, Professor, Sociology of Education, Comparative Higher Education and Sociology of Science, Research Institute for Higher Education, Graduate School of Education, Hiroshima University, Hiroshima, Japan

Rapporteur:

**Professor Munir Bashshur**, Professor, American University of Beirut, Lebanon

Presentations:

1. *Increasing research capacity and productivity to facilitate improved university output. The case of UNISA*  
**Dr Lazarus Donald Mokula Lebeloane**, Chair of Department of Further Teacher Education, College of Human Sciences, South Africa
2. *The Research and Development Centre (RESDEC) of the university of agriculture, Abeokuta, Nigeria – A model research coordinating effort in an African university*  
**Professor Olusola B. Oyewole**, Project Officer, Association of African Universities (AAU), Accra, Ghana
3. *Social innovation and the university in Quebec: the challenge to operationalize a polysemic concept*  
**Dr Jean Bernatchez**, Assistant to the Director of Teaching and Research, National School of Public Administration (ENAP), Quebec City, Canada

Discussion

**13.00** Lunch

**The social relevance and utility of research**

(Room XII)

*Assessing research relevance*

Chair:

**Professor Ashis Nandy**, Director, Centre for the Study of Developing Societies, New Delhi, India

Rapporteur:

**Professor Nouria Lakhdar-Ghazal**, Head, Neuroscience Unit and Research Group on Biological Rhythms, Faculty of Sciences, Mohammed-V University, Rabat, Morocco

Presentations:

1. *Research utility and national development goals: the interplay between poverty alleviation strategies and social science research in Kenya*  
**Dr Mary Omosa**, Senior Research Fellow, Institute for Development Studies, UNESCO/UNITWIN Chair Holder, University of Nairobi, Kenya
2. *Social science research in Palestinian territories, the dilemma of research centres outside the university*  
**Dr Sari Hanafi**, Visiting Associate Professor, Department of Social and Behavioral Sciences, American University of Beirut, Lebanon
3. *Academic research at the Latin American and Caribbean macro-universities: initiatives and networks*  
**Professor Axel Didriksson**, Director, Centre of Studies on the University (CESU), Mexico City, Professor, National Autonomous University of Mexico (UNAM), Mexico and UNESCO Chair on Regional Integration and the University

Discussion

**13.00** Lunch

**14.30** Parallel session 3

**Research capacity** (Room IX)

*Research evaluation: A comparative approach to standards, mechanisms, values, systems of incentives, rewards and recognition*

Chair:

**Professor Rose Marie Salazar-Clemeña**, Executive Vice-President, De La Salle-College of Saint Benilde, Philippines

Rapporteur:

**Professor Miguel Nussbaum Voehl**, Department of Computer Science, School of Engineering, Catholic University of Chile, Santiago, Chile

Presentations:

1. *Academic weaknesses and knowledge production in Moroccan universities*  
**Professor Abdelhak Bellakhdar**, Head of the Department for French Language and Literature, Ecole Normale Supérieure (ENS), Meknès, Morocco
2. *The challenges and opportunities of re-inventing higher education institutions as centres of research capacity-building*  
**Professor Mammo Muchie**, Director, Research Centre on Development and International Relations (DIR), Aalborg University, Denmark
3. *Building research capacity in the Gulf Cooperation Council countries: strategy, funding and engagement*  
**Dr David McGlennon**, Director, Research and Outreach, Zayed University, Dubai, United Arab Emirates

Discussion

**16.00** Coffee/Tea

**Research productivity** (Room XI)

*National public policies for the promotion of university research productivity*

Chair:

**Professor Fahima Charaffedine**, Professor of Sociology, Institute of Social Sciences, University of Lebanon, Beirut, Lebanon, and Secretary-General to the Non-Governmental National Committee for the Follow-up of Women's Issues, Lebanon

Rapporteur:

**Professor Michèle Monteil**, Senior Lecturer in Immunology, University of the West Indies, Trinidad and Tobago

Presentations:

1. *Research in Egyptian universities: the role of research in higher education*  
**Professor Ahmed Belal** and **Professor Irina Springuel**, UNESCO-Cousteau Chair in Ecotechnics, Unit of Environmental Studies and Development (UESD), South Valley University, Aswan, Egypt
2. *The control of academic productivity and the transformation of research systems in Latin America*  
**Dr Silvie Didou Aupetit**, UNESCO Chair, Quality Assurance and New Providers in Latin America, Centre for Advanced Research and Studies, DIE-CINVESTAV, Mexico
3. *The effects of New Public Management on research practices in English and Dutch universities*  
**Ms Liudvika Leisyte**, Research Associate, Centre for Higher Education Policy Studies (CHEPS), University of Twente, Enschede, Netherlands

Discussion

**16.00** Coffee/Tea

**The social relevance and utility of research** (Room XII)

*What are the major issues to be addressed by research in developing countries?*

*From local aims and priorities to international planning and coordination and vice versa*

Chair:

**Professor Maitha Al-Shamsi**, Professor of Sociology and Deputy Vice Chancellor for Scientific Research, United Arab Emirates University, UAE

Rapporteur:

**Professor Sverker Sörlin**, Director, Swedish Institute for Studies in Education and Research (SISTER), and Professor, Division for History of Science and Technology, Royal Institute of Technology, Stockholm, Sweden

Presentations:

1. *Universities in peripheral countries: researching “in the regions” or “for the regions”?*  
*Some evidence based on the University of Évora experience*  
**Dr Maria da Conceição Rego**, Department of Economics, University of Evora, Portugal
2. *Social reality and constitutional law: a possible scientific research? A glimpse after the experience of the External University of Colombia*  
**Professor Magdalena Correa Henao**, External University of Colombia, Colombia  
(Co-written by **Professor Néstor Osuna Patiño**, Director, Department of Constitutional Law, External University of Colombia)
3. *Research in applied mathematics in a developing country: is this justifiable?*  
**Professor Mohamed Jaoua**, UNESCO Chair in Mathematics and Development,  
Professor, Laboratoire de Modélisation Mathématique et Numérique dans les Sciences d'Ingénieurs, National School of Engineering (ENIT-LAMSIN), University of Tunis at El-Manar, Tunis, Tunisia

Discussion

**16.00** Coffee/Tea



**Research productivity** (Room XI)

*How to revalue research in universities*

Chair:

**Professor Jajah Koswara**, Professor, Bogor Agricultural University, Indonesia, and Researcher, National Research Council, Jakarta, Indonesia

Rapporteur:

**Professor Ivar Bleiklie**, Professor, Department of Administration and Organization Theory, and Senior Researcher, Rokkan Centre for Social Studies, University of Bergen, Norway

Presentations:

1. *Universities and the generation of knowledge: knowledge for whom?*  
**Professor Max Kirsch**, UNESCO Chair in Human and Cultural Rights, Florida Atlantic University, Florida, United States of America
2. *Declining trends in science education and research in Indian universities*  
**Dr George Varghese**, Professor, Department of Physics, St Berchmans College, Mahatma Gandhi University, Kerala, India
3. *Universities: a description of Brazilian problems and a proposal for world higher education*  
**Professor Renato Janine Ribeiro**, Professor of Ethics and Political Philosophy, University of São Paulo, and Evaluation Director of Graduate Studies, Capes, Ministry of Education, Brasilia, Brazil

Discussion

**18.00** Closing of Day 2

**The social relevance and utility of research** (Room XII)  
*Science and technology research and education for sustainable development*

Chair:

**Professor Saran Kaur Gill**, Professor, School of Language Studies and Linguistics, Faculty of Social Science and Humanities, University Kebangsaan Malaysia (National University of Malaysia), Selangor, Malaysia

Rapporteur:

**Professor Marcela Mollis**, Professor, Faculty of Philosophy, University of Buenos Aires, Argentina

Presentations:

1. *Global university in the knowledge societies*  
**Professor Tapio Varis**, Professor, UNESCO Chair in Global E-Learning, University of Tampere, Finland
2. *From knowledge production to knowledge applications: an analysis of research dedicated to rural populations of Cameroon*  
**Dr Félix-Marie Affa'a**, Associate Professor, University of Yaoundé, Cameroon and Ph.D. student at the Department of Management, Université Laval, Quebec, Canada
3. *Gearing academic research endeavors towards achieving sustainable development in Third World countries*  
**Dr Mohammed A. Khasawneh**, Associate Professor of Electrical and Computer Engineering, Jordan University of Science and Technology, Jordan, and Senior Member of the Institute of Electrical and Electronics Engineers, United States of America  
**Professor Abdullah I. Malkawi**, Vice-President, Jordan University of Science and Technology, Jordan

Discussion

**18.00** Closing of Day 2

## 1 December 2006

### Session 4

Chair of session: **Professor Hebe Vessuri**, Chair, Venezuelan Institute of Scientific Research (IVIC), and Chair, UNESCO Forum Latin America and the Caribbean Scientific Committee

### 9.00 Reports

*Reports on the parallel sessions (by the twelve Rapporteurs)*

*Summary and final comments*

**Professor Hans Weiler**, Stanford University and UNESCO Forum Global Scientific Committee

**Professor Sarah Guri-Rosenblit**, the Open University of Israel, Tel-Aviv, and UNESCO Forum Europe/North America Scientific Committee

**Professor Akilagpa Sawyerr**, Secretary-General, African Association of Universities (AAU), and UNESCO Forum Africa Scientific Committee

### Discussion

### 11.15 Coffee/Tea

### 11.30 Special presentation

*Progress report on the UNESCO Forum Special Initiative on National Research Systems*

Presenters:

**Dr Johann Mouton**, Centre for Research on Science and Technology (CREST), University of Stellenbosch, South Africa

**Dr Roland Waast**, Emeritus Professor, Development Research Institute (IRD), Paris

Discussants:

**Dr Diem Ho**, Manager of University Relations, IBM Europe

**Dr Richard Yelland**, Head, Programme for the Institutional Management of Higher Education (IMHE), OECD, Paris

**Professor Maria Slowey**, Vice-President of the Society for Research into Higher Education (SRHE)

### 12.30 Closure and farewell

**Professor Thandika Mkandawire**, Chair, UNESCO Forum Global Scientific Committee, and Director, United Nations Research Institute for Social Development (UNRISD)

**Professor Berit Olsson**, Director, Swedish International Development Agency, SAREC, Sweden

**Professor Peter Smith**, Assistant Director-General for Education Sector, UNESCO

**Professor Georges Haddad**, Director, Division of Higher Education, UNESCO