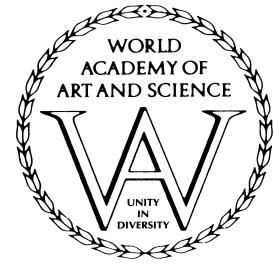


# NEWSLETTER



October 2005

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Published by:  
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Send comments on the content of the Newsletter to Dr. Walter Truett Anderson, President. For address and other contact information changes, email Keith Vargo at the address noted above.

## Washington, D.C/ Sept 16-17 Pre-conference Workshop On Rethinking Security Issues

“International Security: An Agenda for Rethinking” was the theme of a meeting held in Washington, D.C. and organized by WAAS President Emeritus **Harlan Cleveland**, former U.S. ambassador to NATO, and **Garry Jacobs**, executive director of the International Center for Peace and Development. The one-day discussion opened up themes that will be explored further in two forthcoming meetings in Zagreb: an invitational NATO-sponsored Advanced Research Workshop, and the General Assembly scheduled for November 17-20.

One key presentation was made by former U.S. Secretary of Defense **Robert McNamara**, who warned that current nuclear weapons policies are “immoral; illegal; militarily unnecessary; very, very dangerous in terms of the risk or inadvertent or accidental launch; and destructive of the non-proliferation regime that has served us so well” in the past. Another came from Indian Air Commodore (ret.) **Jasjit Singh**, director of the Centre for Strategic & International Studies in New Delhi, who noted that global military expenditures have been on the rise in recent years, despite the fact that the prospect of traditional wars for territory has declined and the proportion of civilian casualties in armed conflict has increased.

The meeting was sponsored by a grant from **Robert van Harten**. •

**Nov. 17-20, 2005**  
**Register for the Zagreb General Assembly**  
**See forms on page 5**

## Sir Joseph Rotblat 1908-2005



Joseph Rotblat -- physicist, Nobel laureate, and lifelong campaigner against proliferation of the atomic bomb which he had helped to create -- died recently in London at the age of 96.

He was, among other things, the last surviving Founding Fellow of the World Academy, and the last surviving member of the group of eleven scientists who signed the document, known as the Einstein-Russell manifesto, which called on scientists of all nations to meet and find ways of nuclear war.

Born and educated in Poland, Rotblat had emigrated to England in 1939 to work with physicist James Chadwick at Liverpool University. The defining moments of his career as a scientist were the brief period in the mid-1940s when he went to the United States to work on the top-secret Manhattan Project that was developing the first atomic bomb. When he learned that Germany was not capable of developing its own nuclear weapon, he resigned from the project – the only scientist to do so – and returned to England.

From then on, he concentrated on research concerning the medical applications of nuclear physics. In 1949 he joined the staff of St. Bartholomew's Hospital Medical College (London University) and became a professor of physics there.

After signing the Einstein-Russell manifesto, he organized a meeting of scientists in Canada to carry out the work the manifesto had proposed. It was held in the remote Nova Scotia village of Pugwash, and evolved into an ongoing effort on behalf of arms control and disarmament.

(Continued on page 2)

*(Rotblatt—Continued from page 1)*

Although he was regarded as subversive by British and American governments in the early Cold War years, he eventually became a world-famous and revered figure, honored by many awards including a knighthood and the Nobel Peace Prize which was awarded to him and the Pugwash Conferences.

M. S. Swaminathan, current president of Pugwash, spoke of him as “a towering figure in the search for peace in the world, who dedicated his life to trying to rid the world of nuclear weapons, and ultimately to rid the world of war itself.” •

**Norfolk, VA., Oct. 2**

## Prince Hassan of Jordan Receives Special Award



HRH Prince **El Hassan bin Talal** of Jordan was presented with a Special Award for “leadership in thought which leads to action” and inducted into the World Academy at a ceremony at Old Dominion University. The award was presented by ODU President **Roseann Runte** during a two-day meeting of the Club of Rome, of which

Prince Hassan is the current president.

The younger brother of the late King Hussein of Jordan, Prince Hassan was educated at Oxford University and

served as his brother’s closest political adviser and was regent of the country during the king’s absences. He has been a leading Arab statesman for almost three decades, is a prolific author, and was founder of the Royal Scientific Society, the Arab Thought Forum, and the Jordan Higher Council for Science and Technology. He is also a founding member and vice-chairman of the Foundation for Interreligious and Intercultural Research and Dialogue.

Also present at the award ceremony were WAAS Fellows **Ricardo Diez-Hochleitner** of Spain, **Ivo Slaus** of Croatia, and **Ernst von Weizäcker** of Germany. WAAS President Emeritus **Harlan Cleveland**, originally scheduled to present the award, was unable to attend because of illness. •

## New Fellows

### **Sheldon Berlow**

Real estate developer and patron of the arts; adjunct professor, University Honors Program, State University of New York, Buffalo.

### **Valery Chereshnev**

Head of the Department of Immunology and Microbiology, Perm State University, Yekaterinburg, Russia. Chairman of the Ural Branch and Vice President of the Russian Academy of Sciences.

### **Paolo Cotta-Ramusino**

Secretary general, Pugwash Conferences on Science and World Affairs; professor of mathematical physics, University of Milano.

### **Dan David**

Founder and member of the board, Dan David Foundation, Tel Aviv. Inventor of new photographic technologies. Member, Board of Governors, Tel Aviv University.

### **Herman Haeruman**

Professor of Forest Economics and Management, Bogor Agricultural University, Indonesia. Chairman, Forum on Policy and Sustainable Management of Tropical Forest Ecosystems.

### **James Hughes**

Executive Director, World Transhumanist Association; executive director, Institute for Ethics and Emerging Technologies. Lecturer in public policy studies, Trinity College, Hartford, CT.

*The cure for  
the ills of  
Democracy  
is more  
Democracy.*

**Jane  
Addams**

## Stockholm, Sept. 22

### Focus on Aging: The 2005 Biopolity Seminar

This year's Biopolity Seminar, organized by Prof. **Carl-Göran Hedén**, was held in Stockholm at the Royal Swedish Academy of Engineering Sciences, and reviewed a wide range of issues and new scientific/technological developments relating to improving life quality for the elderly – especially those 80 and over.

The program featured a video-linked session in which members of the Academies in Stockholm and members of the Japan Science Council in Tokyo explored the pros and cons of using robots in support of old people. Dr. **Lennart Levi**, professor emeritus of psychosocial medicine at the Karolinska Institute, chaired the international discussion.

Unfortunately this year's Biopolity Award recipient, Dr. **Victoria Hale** of the One World Health Institute in San Francisco, was not able to accept her award in person and deliver the annual Biopolity Lecture. (Dr. Hale and the work of the Institute will be featured in the next issue of this newsletter.)

Dr. **Geoffrey Hamer** of Dublin now takes over as director of the Biofocus Foundation, the World Academy's biotechnology group for long-term technology assessment and technology transfer issues, which has provided networking support to the Biopolity Seminars. •

*Science is an integral part of culture. It's not this foreign thing, done by an arcane priesthood. It's one of the glories of human intellectual tradition.*

**Stephen Jay Gould**

## New Fellows

### Dennis Jaffe

Clinical psychologist and management consultant; professor, Saybrook Graduate School, San Francisco; board member, World Business Academy.

### Otto Kinne

Zoologist and marine biologist; president, Inter-Research, Science Center, Oldendorf/Luhe, Germany. Publisher of scientific books and journals.

### Asim Kurjak

Chairman, Obstetrics and Gynecology, Medical School University of Zagreb; president, World Association of Perinatal Medicine; president, Academy of Medical Sciences of Croatia

### Bozidar Matic

Professor of electrical engineering, University of Sarajevo; president, Academy of Arts and Sciences and chairman, Council of the Ministers of Bosnia and Herzegovina.

### Stjepan Mesic

President of the Republic of Croatia.

### Ramez Naam

Group program manager, Microsoft, Seattle; author of *More Than Human: Embracing the Promise of Biological Enhancement*. Author of 9 awarded or pending US patents.

### Ingram Olkin

Professor of statistics and education, Stanford University. Editor of journals in US, Poland and Serbia.

### Nebojsa Radunovic

Professor and director, Institute of Obstetrics and Gynecology, University Clinical Center, Belgrade University School of Medicine. Adjunct professor, NYU Medical Center, New York.

## New Associate Fellows

### Asokan Natarajan (India)

Research Associate, The Mother's Service Society

### Robert van Harten (Netherlands)

International Center for Peace and Development



## Books by Fellows

**Jonty Driver**'s fifth novel, *Shades of Darkness*, was reviewed in the *Mail & Guardian* (Johannesburg) as "a tragic story of love and loss, an Orpheus and Eurydice story rooted in the very familiar South African backdrop of struggle and exile, return and reconciliation." [books@clarkesbooks.co.za](mailto:books@clarkesbooks.co.za).

**Kai Falkman** has edited *To Speak for the World*, a collection of the speeches and statements of Dag Hammarskjold, United Nations secretary-general from 1953 to 1961. The writings reflect Hammarskjold's thinking about global issues, as well as his interest in literature and poetry, philosophy and religion, art and music. [www.atlantisbok.se](http://www.atlantisbok.se).

**Vinay Lal and Ashis Nandy** are co-editors of *The Future of Knowledge and Culture: A Dictionary for the 21<sup>st</sup> Century*, scheduled for release on Dec. 27, 2005. The book is comprised of brief articles from many commentators on subjects ranging from Bollywood, cloning, consumerism and corruption to refugees, sanctions, water and WMD's. Penguin Global, [us.penguingroup.com](http://us.penguingroup.com).

*The opposite of love is not hate, it's indifference.*  
*The opposite of art is not ugliness, it's indifference.*  
*The opposite of faith is not heresy, it's indifference.*  
*And the opposite of life is not death, it's indifference.*

**Elie Wiesel**

**Mohan Munasinghe** has published a book entitled *Primer on Climate Change and Sustainable Development*, co-authored with **Rob Swart**. The book gives an up-to-date, scientifically accurate, comprehensive and accessible overview of relevant research and practice. Cambridge University Press (UK). [www.mindlanka.org](http://www.mindlanka.org).

**Ted Trzyna** has edited *The Urban Imperative: Urban Outreach Strategies for Protected Area Agencies*. The book argues that conservationists and urban leaders are "natural allies" and illustrates with detailed examples from places as diverse as Cape Town, Chicago, Hong Kong, Mumbai, and Rio de Janeiro. IUCN – The World Conservation Union. [www.iucn.org/bookstore](http://www.iucn.org/bookstore) or [www.Interenvironment.org/cipa/tui.htm](http://www.Interenvironment.org/cipa/tui.htm).



## News of Fellows

**Pushpa Bhargava** has been appointed vice-chair of India's new National Knowledge Commission by Prime Minister Manmohan Singh. The commission's charges are to make India a leader in the generation of new knowledge, a knowledge-based society – with effective, efficient and transparent governance; and productive and ethical industry.

**Yehzekel Dror** received the Israel Prize for 2005 in Administrative Sciences for his outstanding original work in public administration. The prize was awarded on the Israeli Day of Independence, May 12, 2005, before the president, prime minister, speaker of the Knesset and Supreme Court of Israel.

**Hamid Shrivani**, provost and executive vice president for academic affairs at Chapman University, has been named as the new president of California State University, Stanislaus. In his more than 25 years in education, Dr. Shrivani has successfully led the complete restructuring of several colleges and universities.

## New Fellows

### Naim Afgan

Visiting professor and UNESCO chair holder, Technical University of Lisbon. Member, Academy of Science and Art of Bosnia and Herzegovina. Member, Islamic Academy of Science.

### Sir Arnold Burgen

Founder and first president, Academia Europaea. Fellow, Royal Society, Royal Society of Physicians. Founder and editor, *European Review*.

### Maria da Graca Martins da Silva Carvalho

Professor, Technical University of Lisbon. Director-general, GRICES (Office for International Relations in Science and Higher Education), Portugal.

## New Fellows

**Pieter Drenth**

Director of All European Academies (ALLEA). Former rector, Vrije Universiteit, Netherlands. Former general secretary and president, Netherlands Academy of Arts and Sciences.

**Virginia Dwan**

Fine art collector, dealer, patron, documentary film maker, photographer, writer, New York. Chevalier, French Legion of Honor.

**Gerard Fairtlough**

Founder and former CEO, Celltech. Author of several books on theory and practice of organizations. Adviser, Science and Policy Research Unit, Sussex University.

**William Haseltine**

President, William A. Haseltine Foundation for Medical Sciences and the Arts. Founder, Human Genome Sciences. Professor, Scripps Research Institute

**Mohamed Hassan**

Executive director, Third World Academy of Sciences. President, African Academy of Sciences. Former dean, School of Mathematical Sciences, University of Khartoum.

**Ian Pearson**

Resident futurologist, BT Inc., UK. Editor, *Macmillan Atlas of the Future*. Author of books and articles on trends in business and technology. Fellow, Royal Society of Arts.

**Herwig Schopper**

President, SESAME (International Synchrotron Radiation Laboratory), Jordan. Former director-general, CERN (European Organization for Nuclear Research), Switzerland.

**Gregory Stock**

President and CEO, Signum Biosciences, New Jersey. Former director, Program on Medicine, Technology and Society, UCLA School of Medicine.

**Hiroyuki Yoshikawa**

Former president, University of Tokyo; former president, International Council of Scientific Unions (ICSU). Member, Royal Swedish Academy of Sciences.

*In free society  
art is not a  
weapon...  
Artists are not  
engineers of  
the soul.*

**John F.  
Kennedy**

## General Assembly Registration

I plan to attend the 2005 General Assembly and will require a room at the Westin Zagreb Hotel for the following nights: \_\_\_\_\_ . I will be accompanied by a spouse or partner \_\_\_\_\_ .

I plan to apply for full/partial travel support (please circle one).

I plan to pay for my own travel and hotel accommodations.

I plan to attend the conference, but will not require a room at the Westin Zagreb.

Name of Fellow \_\_\_\_\_ .

Current e-mail address: \_\_\_\_\_ .

Name of accompanying spouse or partner \_\_\_\_\_ .

Please return this form to:  
 World Academy of Art and Science  
 760 Market Street, Suite 315  
 San Francisco CA 94102 USA  
 By e-mail to: [waltt@well.com](mailto:waltt@well.com)