

Fulbrighter News

www.fulbrighter.org

April 2003

Themes for Action

- Support science & technology innovation as it relates to business and economic development and progress in society.
- Create peer networks and mentoring between young Fulbrighters and Fulbrighters who are more established in their careers.
- Strengthen networking between US-based Fulbrighters and Fulbrighters living abroad.
- Increase interest in science, technology, and geography education in schools.
- Advise governments & others on key developments relating to science, engineering, and technology.

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Growing Support for the Academy

“The Fulbright program certainly did have a major impact on my life, as it has for so many other faculty members at the university . . . My interest in the Fulbright program continues, and its importance, especially during these times of international tensions, cannot be overstated. I applaud your efforts to underscore the value of international exchange.”

President of a US university

“Interesting idea to form this . . . I applaud your efforts. Being a Fulbrighter is one of the great memories that I have”

Executive at a computer-related firm

“Wonderful news about your Fulbright Academy launch! The concept is very exciting and will no doubt bring some bright and worldly people together for the greater good.”

International lawyer.

“I am most honored to support this great initiative.”

Director of a science & technology agency

“It's good to hear from Fulbright, and this looks like a very worthy program. Let me give the issue of funding some thought and I'll get back to you.”

Executive at a major US corporation.

“It was a pleasant surprise to get in the mail "Fulbright Academy Survey". I think your ideas of organizing this Academy are excellent and the goals which are put forward are very important. I definitely would like to be actively involved.”

University professor

“I too am certainly very grateful for the opportunity provided me by the Fulbright fellowship I had during my first post-doc experience. My life and career would certainly have developed very differently without [it].”

*Winner of the National Science Medal
(see story below)*

National Medal of Science

Last year President George W. Bush presented the National Medal of Science to Fulbright alumnus Dr. Francisco Ayala, a professor of Biological Sciences at the University of California, Irvine (see photo).

Dr. Ayala was a Fulbright Scholar in Yugoslavia,

1979 and 1981.

His path-breaking work in molecular biology and genetics has resulted in new approaches to the prevention and treatment of malaria and other infectious diseases and the ability to save lives on a global scale.



Photo: from right to left, President Bush, Professor Ayala, and Dr. Marburger, Director of the White House Office of Science & Technology Policy.

Who cares about the Fulbright Academy?

In the last issue we published a list of organizations that employ supporters of the Academy. Here are some more. This list also includes entities that support the Academy by forwarding our electronic newsletter or linking us to their web site. Send us a note, and we will gladly add your business/organization to this list.

- Bowdoin College
- California MESA
- City of Philadelphia
- Fulbright Alumni Association in Belgium
- Fulbright Commission in Chile
- Fulbright Commission in Ireland
- Fulbright Commission in Nepal
- Fulbright Commission in the United Kingdom
- George Institute of Biodiversity & Sustainability
- Grand Valley State Univ.
- Grossmont College
- Hagerstown Comm. College
- Microsoft, Inc.
- National Center for Population Research and Training, Nepal
- National Institute on Disability & Rehabilitation Research
- Northeastern University
- Purdue University
- Rose-Hulman Institute of Technology
- Singapore Agency for Science, Technology & Research
- So. Maine Tech. College
- State University of New York
- Technology Systems, Inc.
- United States Federal Communications Commission
- United States Naval Academy
- University of Connecticut
- University of Medicine and Dentistry of New Jersey
- University of Notre Dame
- University of Rochester
- University of Southern California
- USDA Graduate School
- Virginia Commonwealth Uni.
- Washington State University
- Western New Mexico Univ.
- Western Washington Univ.
- Williams College
- Winthrop University

News from the Commissions:

In the last newsletter, we mentioned Dr. Kennel of Scripps Institution of Oceanography. The Fulbright Commission in Chile proudly informed us that they have a Fulbrighter, Dr. Silvio Pantoja, who is at Scripps this year doing research on Marine Biology.

The Commission in Chile also told us that they have a new grant program dedicated to computer and in-

formation technology. Information is available from their webpage: www.fulbrightchile.cl.

The Fulbright Commission in Ireland wrote us saying that the Irish Government has recently established Science Foundation Ireland (SFI). SFI is investing €635 million between 2000-2006 in academic research in two key areas: Biotechnology and Information & Commu-

nication Technology. The aim is to create world-class research centres and networks in these areas. Web: www.sfi.ie

"My Fulbright experience has been wonderful so far and has been an important part of my life so I would very much like to be part of this new Academy to support science & technology."

Current Fulbrighter
from UK in California

Sponsor of this month's news:

The sponsor of this month's issue has chosen to remain anonymous. He came to the US from Europe in the early 1960's as part of his graduate work in engineering to study at the Massachusetts Institute of Technology (MIT).

Although most scholars return to their home country, this one elected

to stay in the US. He began working for a contractor to the US Department of Defense, and he met a woman who later became his wife.

It is now forty years later. Their children are grown. After a long career in business, he has returned to the academic world to help teach the next generation of engineers.

He and his wife recognize that their lives and careers have been shaped by a decision made many years ago by a scholarship board that gave him an opportunity. In thanks to that board, they are helping the Academy and sponsoring this newsletter.

Call us to sponsor the May issue.

Fulbright leads to US - Southern Africa Ties

The Interim Dean of the Graduate School at the Indiana University of Pennsylvania (IUP) wrote us. In 1992, **Dr. Alicia Linzey** went on a Fulbright to Zimbabwe and South Africa to do research on mammals, and IUP now has an exchange program with the University of Zimbabwe (UZ). The IUP Biology Department has 4 faculty members with an interest in the region. She describes how Fulbright has influenced her and her research.

What we do in southern Africa has two emphases - one relates to our exchange program with UZ and the other to our research, which is currently in South Africa.

Dr. Mike Kesner and I have an ongoing research program in southern Africa. We both had research Ful-

brights and have shared them so that we could work together during both stints. In 1992-93, we conducted a 15-month research project at Sengwa Wildlife Research Institute, which is very deep into the bush in northwestern Zimbabwe. This project involved population and community studies of small mammals in a variety of habitats in this very diverse area.

Now we are working on a sibling species pair of rodents (*Aethomys*) that appear identical, but have different numbers of chromosomes. South Africa is where their ranges meet. A number of local people and institutions have been involved because our work requires both field people (us) and a support lab for chromosome and DNA work. We study the ecology where the

species co-occur — we can sample for DNA analysis and let the animals stay alive in the wild.

In 1998 IUP started an exchange with UZ. We sent one student over in 1999. Then Mike and I were awarded a Fulbright Alumni Initiative Award, and we brought two students over here in Spring 2001 and two more in Fall 2002. We also patched together funding to bring UZ faculty over for a semester.

In Pennsylvania, Dr. Linzey heads the Important Mammal Areas Project, a statewide program that focuses on conserving the physical habitats of mammals, rather than on species-specific protection.

Dr. Linzey can be reached at avlinzey@iup.edu or 724-357-2244.

Fulbrighters on the National Science Board

The National Science Board is the governing board of the National Science Foundation (NSF) which promotes the progress of science, advances the national health, prosperity, and welfare, and secures the national defense.

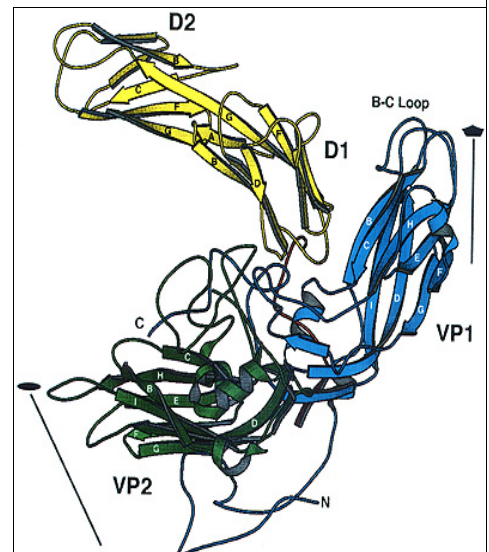
The Board is appointed by the President and confirmed by the Senate. They are selected on the basis of their eminence in basic, medical, or social sciences, engineering, agriculture, education, research management or public affairs. Two of the 24 members received Fulbrights early in their careers.

Dr. Diana S. Natalicio is vice-chair of the Science Board. She was born in St. Louis, Missouri, and attended the University of Texas at Austin, where she was awarded the Ph.D. degree in linguistics in 1969. She spent a year as a Fulbright scholar

in Rio de Janeiro, Brazil, and held a Gulbenkian fellowship in Lisbon, Portugal. In 1971 she joined the faculty of the University of Texas at El Paso (UTEP). She became dean of liberal arts in 1977, vice president for academic affairs in 1984, and president of UTEP in 1988. She also serves on the board of the National Action Council for Minorities in Engineering, the RAND Institute on Education & Training, and the Nature Conservancy of Texas.

Another member is **Dr. Michael Rossmann** of Purdue University. Dr. Rossmann was born in Frankfurt, Germany, and attended first the University of London and then the University of Glasgow, where he was awarded the Ph.D. degree in chemical crystallography in 1956. After graduation, he was a postdoctoral fellow at the University of

Minnesota as a Fulbright scholar. His work in structural biology has yielded many of the methods used to determine the atomic structures of biological molecules, including the human common cold virus. His team has analyzed many virus structures and helped in the design of antiviral agents. The image below comes from their web-page. I can't describe it easily here, but it reminds me of a piece of modern art — enjoy.



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Email: info@fulbrighter.org

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Portland, ME
Permit:

*A network of Fulbright Scholars
for progress in science & technology,
innovation and global
understanding*

**If you have not made a
donation to the Academy,
please consider making
one. Thank you.**

If you received this monthly bulletin electronically from a friend, and not the Academy, please send us an email and we will add you to the distribution list.

Fulbright Academy—Fax-back Survey

If you did not respond to our earlier survey, please send us an e-mail or fax us the back page of this newsletter.

I would like to join the Academy and help launch this initiative.

- \$35 \$50 \$ 100
 \$500 \$1000 \$ _____
 Check or MC/Visa

Exp. Date: _____

At this time, I can't be actively involved, but **I would like to be listed as a supporter** and kept on the mailing list.

I am interested in:

- How to support science and technology innovation, as it relates to business and economic development and progress in society.
- How to create peer networks and mentoring between young Fulbrighters and those who are more set in their careers.
- How to strengthen networking between US Fulbrighters and Fulbrighters living abroad.
- How to increase interest in science and geography education in the schools.
- How to advise governments, businesses and others on key developments relating to science and technology (such as climate change or conservation)
- Other

Contact Information:

If the address printed above is incorrect, please advise us. Also, please supply us with your phone number & e-mail address so that we can contact you more directly should the need arise.

Tel: _____

Email: _____

Thank you for your interest in the Fulbright Academy. We look forward to being in touch with you in the near future.

**Fax Back Number:
207-767-4306
info@fulbrighter.org**

Letter of Support from Former President Bill Clinton

Bill Clinton's first job in Washington, DC was working as an aid in Senator Fulbright's office. The former president recently sent us this letter of support.



WILLIAM JEFFERSON CLINTON

January 10, 2003

Mr. Eric S. Howard
Executive Director
Fulbright Academy
of Science and Technology
South Portland, Maine

Dear Eric:

I was pleased to learn about the Fulbright Academy of Science and Technology and its important mission.

Senator J. William Fulbright was one of the most extraordinary men I've ever known. Among his impressive accomplishments was the creation of the Fulbright Program, which has done much to build international peace and understanding through scholarly exchanges. Its lasting strength is a testament to the power and promise of Senator Fulbright's vision of a world in which freedom prevails over oppression, understanding triumphs ignorance, and citizens of every country have the opportunity to participate in the free flow of ideas, information, and viewpoints.

As a young man, I heard Senator Fulbright speak often of the need not only to preserve, but also to expand this vital program, and I salute you and all the men and women at the Fulbright Academy for your efforts to increase its reach. By promoting progress toward a sustainable and more peaceful society through the linkage of Fulbright Scholars around the world, you reflect the principles to which the Senator dedicated his good life and add to his great legacy.

Best wishes for much success.

Sincerely,

Bill Clinton