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BROOKHAVEN
NATIONAL LABORATORY

managed for the U.S. Department of Energy by Brookhaven Science Associates,
a company founded by Stony Brook University and Battelle

Recruitment for the Department of Safeguards

Donna Occhiogrosso

The following positions are being
advertised by the IAEA
Department of Safeguards:

Senior Information Analyst (P-5)

Section for Information Support
Division of Safeguards Information
Technology - Satellite Imagery
Vacancy Notice No. 2005/073
Deadline: November 25, 2005
Published Salary: \$102,000

NDA Systems Engineer (P-4)

Section for NDA Systems & Seals
Division of Technical Support
Vacancy Notice No. 2005/076
Deadline: December 2, 2005
Published Salary: \$85,000

Project Head (P-5)

SG Information Technology
Vacancy Notice No. 2005/906
Deadline: November 15, 2005
Published Salary: \$102,000

Change Control Expert (P-5)

Division of SGIT
Vacancy Notice No. 2005/907
Deadline: December 13, 2005
Published Salary: \$101,000

Cost-Free Expert Positions:

The initial duration of a Cost-Free
Expert (CFE) appointment is two
years. CFEs are employed by the
IAEA with funding provided by the
U.S. or another member state. For
further information and details
regarding these postings, please
visit the ISPO website at
www.bnl.gov/ispo.

A list of IAEA *future* vacancies has
been added to the ISPO website.
The future vacancy list is a document
that is published by the IAEA and
can also be found on the IAEA
website. The document identifies
jobs that will become available within
the next year or two. The list will
provide potential candidates the
opportunity to plan their life
accordingly with the possibility of
employment, and by obtaining
knowledge of job posting dates, have
a suitable timeframe to submit a well
prepared Personal History Form to
the IAEA's Division of Personnel.

IAEA and EIBaradei Win Nobel Peace Prize

Jake Blackford



IAEA Director General Mohamed ElBaradei addressing the
media. (Photo Credit: D. Calma/IAEA)

The International Safeguards Project
Office congratulates the International
Atomic Energy Agency and its
director general, Mohamed
ElBaradei, for the joint award of the
2005 Nobel Peace Prize. The Nobel
Committee announced on October 7
that it had awarded the prize jointly
to ElBaradei and the IAEA "for their

efforts to prevent nuclear energy from being used for military purposes and to ensure that nuclear energy for peaceful purposes is used in the safest possible way.”

The announcement stated: “At a time when the threat of nuclear arms is again increasing, the Norwegian Nobel Committee wishes to underline that this threat must be met through the broadest possible international cooperation. This principle finds its clearest expression today in the work of the IAEA and its Director General.” ElBaradei responded to the announcement: “With this recognition, the Norwegian Nobel Committee underscores the value and the relevance of the work we have been doing. Receiving the Award strengthens our resolve at a time when we have a hard road ahead of us.”

**UNVIE Ambassador Greg Schulte
Encourages Young Professionals to
Consider Public Service as a Career Choice**

Barbara Hoffheins

US Ambassador to United Nations Organizations in Vienna Greg Schulte invited the US interns and junior professional officers working at the Vienna International Center (VIC) to lunch in the US Mission to UN Organizations in Vienna on Monday, October 24, 2005. Those who were able to attend included interns and a junior professional funded by the US Support Program: Sarmadi Almecci, Jeffrey Easley, Mikhail Fayer, Holli Hoerschelman, David Kamran, Patrick Lynch, Victoria Pratt, Lawrence Taylor, William Wanderer, Santhosh Xavier, and Nina Wilson. Others included interns Agnes Wanderer, Jennifer Koop, Michael Frost, and Nadia Taylor. Steve Amundson (responsible for interns at IAEA Personnel) and Kaisa Clark (Comprehensive Test Ban Treaty Organization) who very recently completed an internship at the IAEA were in attendance also.

Present at the luncheon were some of the Mission and Embassy staff members, including Ed Goff (a long time foreign service officer from the Department of State), Anne Starz (Scientific Attaché from the Department of Energy), Jim Linville (Nuclear Regulatory Commission), Cheryl Coviello (head of Human Resources at the US Embassy to Austria), and Theresa Michna and Barbara Hoffheins (ISPO).

After some general introductions and announcements, the guests were invited to go through the buffet to get their lunches and get settled at the large table. The discussion was opened by having everyone introduce themselves, talk about their education, where they were working at the VIC, and where they were from originally. The diversity of the geographical origins of the group was noted.

The Ambassador spoke after these introductions and discussed his education and career path and the strategy he used that has served him quite well. There were some familiar patterns, such as continuing his education after starting his career when he realized it would be very beneficial to do so. He encouraged seeking opportunities to make a difference, working hard, networking, and looking out for the next challenge and asking for it. He started as an intern himself in what is now called the Presidential Management Fellows Program and has been in public service ever since. He has served under the Clinton and present Bush administrations. He spent six years working for NATO in Brussels as Director of Nuclear Planning and Director of the Bosnian Task Force. More recently, he was the Executive Secretary for the National Security Council and, in that position, he traveled extensively with President Bush to brief him on national security matters.

After speaking for about thirty minutes, the Ambassador opened the floor to questions. When no one spoke up, Ms. Hoffheins asked the Ambassador if President Bush, who is known for giving people nicknames, ever gave him one, and if so, would he share it with the group. He replied that when he found out he was nominated for his current position, a presidential advisor tried to pin the nickname Sergeant Schultz on him, but he is grateful that it did not stick. President Bush called him the “wire cutter” occasionally because he spent a lot of time on the President’s ranch in Crawford helping him cut brush and mend or put up barbed wire fences. Then the interns started asking questions. Some covered U.S. policy. Many of the questions and comments reflected initiation into typical workforce environments. Among the topics cited were the many meetings with no visible progress, the feeling that they were not always given ownership or recognition for their ideas, and the oppressiveness of the bureaucracy of the organization. Agnes

Wanderer (who works in Personnel on the topic of recruiting women to the IAEA) asked the Ambassador if there were any times that he felt at odds with the views of his superiors or US policies and, if so, what did he do about it. He replied that, yes, it had happened, and gave some examples. In one case, he wrote a memo stating his views and why. The memo was passed along, but nothing came of it. In another case, he felt strongly that because of prior relevant experience he had a better case for the projected policy. He again submitted his position, but it was disregarded as well. In hindsight, he realized that his background did not allow him to see some of the broader issues that influenced the development of the policy he initially disagreed with and that the resulting policy was indeed appropriate and well intentioned.

After the Ambassador's discussion, there was time for Mission and Embassy staff to form smaller conversations with the interns and junior professionals. Cheryl Coviello attracted a group interested in the Foreign Service and taking the Foreign Service exam. Jim Linville advertised the hiring of three hundred new employees to the NRC next year. Anne Starz spoke about the DOE's fellowship program (a one-year internship at DOE headquarters). Ed Goff (with an extensive Foreign Service record) recounted some of his experiences and encouraged Foreign Service as a career choice.

The general feedback provided to Ms. Hoffheins from the interns and young professionals was that they found the lunch to be very worthwhile. They reflected on the obvious enthusiasm and passion the Ambassador exudes and the fact that his message was more interesting and relevant than career pep talks they have heard in the past.

ISPO would like to thank Theresa Michna, Gabi Hurt, Evan Kudera, and Jill Hinson for making the lunch a success.



Standing (L to R): Jeffrey Easley (SGIT-ISH), Steve Amundson (Personnel), Michael Frost (Technical Cooperation), Mikhail Fayer (SGIT-ISH), Santhosh Xavier (SGCP-PSA), Bill Wanderer (SGIT-IIS), Agnes Wanderer (Personnel), David Kamran (SGIT-IIS), Jennifer Koop (Nuclear Safety & Security), UNVIE Ambassador Greg Schulte, Sarmadi Almecci (SGTS-TIE), Holli Hoerschelman (SGOC/OCP), Nina Wilson (SGTS-TIE), Lawrence Taylor (SGIT-ISH), Victoria Pratt (SGTS-TNS), and Patrick Lynch (SGIT-SIAU). Seated (L to R): Nadia Taylor (Nuclear Sciences & Applications) and Kaisa Clark (CTBTO).

USSP Hosts IAEA Workshop on Safeguards Tools For the Future

Jake Blackford

The U.S. Support Program to the IAEA hosted its sixth annual technical workshop for the IAEA Department of Safeguards from October 10 to 14 in Newport, Rhode Island, at the corporate war-gaming facility of Sonalysts, Inc. This year's workshop entitled: "Safeguards Tools for the Future" sought to present the IAEA with new technologies that might be available in the next five to ten years and to draft a roadmap of how they might be used to help the agency's nuclear inspectors do their jobs more efficiently and effectively.

More than sixty-five people attended the workshop, and twenty-three people gave presentations on new or future technologies that might improve how inspectors do their job. Participants came from the IAEA, six Member State Support Programs, the private sector, academia, the U.S. national nuclear laboratories, and the U.S. government. The IAEA was represented by ten participants, led by

Nikolai Khlebnikov, director of the division of Safeguards Technical Support (SGTS).

In her keynote speech, Shirley Ann Jackson (president of the Rensselaer Polytechnic Institute and former chairperson the Nuclear Regulatory Commission) highlighted the agency's need to harness new technology to fulfill its missions. She emphasized that technology alone was not the solution, and highlighted the need for strong educational institutions to provide the agency with staff members well trained in science and technology. In a second keynote speech, Vinton Cerf (vice president of Google, Inc. and one of the "fathers of the Internet") discussed the future of the Internet and how the convergence of widely varied applications on the Internet might affect how Safeguards inspectors do their job, for better and for worse. Other well known presenters from the field of information technology included Ken Silva (Chief Security Officer of Verisign, Inc.) and Fred Baker (a fellow of Cisco Systems).

The technology presentations focused on new tools and technology to connect inspectors with IAEA headquarters in Vienna, as well as to other IAEA offices and experts. Besides communications, other key topic areas included information security, mobile computing, information analysis, and sensors and surveillance. The topics were as varied as virtual reality tools, geo-collaboration tools, wearable computers, "reachback" technology, and geo-location devices that use inertial guidance when GPS signals are not available, such as in a building or underground. (The list of presentations is available at <http://www.bnl.gov/ispo/BNLWorkshop05/agenda.htm>.)

After hearing the technical possibilities, the attendees broke up into smaller groups and "war-gamed" specific scenarios, such as how an inspector might use new technology to collaborate with experts in Vienna while conducting a Complementary Access inspection. At the end of the week, the workshop participants presented the IAEA representatives with specific recommendations of which capabilities and technologies should be prioritized in the agency's plans. The report included a list of issues and decisions that would inevitably arise with the adoption of new technology, mostly related to the agency's

procedures, policies, and legal authority. Among the key points, the workshop participants recommended that the IAEA create a twenty-four hour operations center to support inspectors in the field, upgrade its capability to provide fast and secure two-way communications between inspectors and headquarters, and create a network of subject matter experts who may respond quickly to inspectors' queries.

The IAEA participants included staff members from the divisions of Safeguards Information Technology, Safeguards Operations, and Safeguards Concepts and Planning. Besides the U.S. and IAEA attendees, six countries were represented: Canada, Finland, France, Germany, Italy, and South Korea. In addition, the European Commission's Joint Research Centre at Ispra and the European Space Agency sent expert participants.

Staff Changes at the IAEA

Susan Pepper

Richard Watts began his assignment as a cost-free expert for the IAEA Safeguards Information System Re-engineering Project in October. Mr. Watts formerly worked with the USSP as a member of Stat-a-Matrix, the company that developed Quality Management training for the Department of Safeguards. Before joining the agency he was the Director of Process Excellence at C3i, Inc.

Gene Bosler, the Unit Head for NDA Systems, left the IAEA in September 2005. He and his wife Shari are now residing in Fort Collins, Colorado. This was Dr. Bosler's third assignment with the IAEA. He was a cost-free expert for one year from 1981 to 1982. He then returned in 1995 as a cost free expert in the Section for Safeguards Training where he focused on NDA and containment/surveillance equipment and procedures. Soon after officially separating from the agency, Dr. Bosler returned for a two-week consultancy to assist with the Introductory Course for Agency Safeguards. ISPO looks forward to working with him again soon.

Andrew Hamilton, IAEA Support Program Officer, has been assigned Acting Section Head for the Section for Safeguards Training.