



Tropical Medicine Hygiene News

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Annual Meeting News

2003 Pre-Meeting Course. This year's course, "Clinical Tropical Medicine and Travelers' Health: Hot Topics from the Tropics," will be held December 2-3, 2003 at the Philadelphia Marriott Downtown in Philadelphia, Pennsylvania. This course will focus on current topics and new developments in clinical tropical medicine and travelers' health. Course details will be included in the annual meeting registration brochure, to be mailed this summer. Request information from astmh@astmh.org.

ASTMH 52nd Annual Meeting and Centennial Celebration. This year's annual meeting will be held December 3-7, 2003 at the Philadelphia Marriott Downtown in Philadelphia, Pennsylvania. This year marks the 100th anniversary of the formation of ASTMH's parent society, the American Society of Tropical Medicine. The meeting will feature invited speakers, historical exhibits, symposia and special tours to commemorate the last 100 years in tropical medicine.

Latebreaker Abstract Submissions. The ASTMH abstract web site at <http://abstract.cornetser.com> is accepting latebreaker abstract submissions through November 14, 2003. Notification of abstract acceptance will be emailed to submitters in late November.

Intensive Update Course in Clinical Tropical Medicine and Travelers' Health. This course will be held October 7-8, 2003 at the Manchester Grand Hyatt Hotel in San Diego, California, immediately preceding the IDSA annual meeting. Course details will be available soon. Request information from astmh@astmh.org.

Journal Goes Online The American Journal of Tropical Medicine and Hygiene will be published online effective September 25, 2003. Please be sure to visit <http://www.ajtmh.org> to see the new online journal. Members and institutional subscribers will have free access to current content, which will be fully searchable with inbound and outbound links to Medline, ISI, and other HighWire Press journals. We have implemented many other useful features, such as subject collections, enhanced international distribution, and links to related articles in the journal and on PubMed. The journal will be freely available to the public for the first month after its release. We hope that this will generate interest in our site and that readers will want to join the Society and/or encourage their institutions to subscribe to the journal. Access controls will be put into place on October 27.

ASTMH thanks the following corporate members for their support

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You may activate your member subscription at any time after September 25 by going to <http://www.ajtmh.org/> subscriptions, and clicking on **ACTIVATE** your Member Subscription. You will need to enter your member number, which is available from the Society's office. Once you have logged in and activated your subscription, you may choose your own username and password.

The online journal will be available free of charge to non-profit institutions in developing countries through our participation in HINARI, the Health InterNetwork Access to Research Initiative. This program, sponsored by the World Health Organization, is in line with the Society's mission to educate health professionals and the public about tropical diseases, and to disseminate scientific research in this area.

Your online and print journal subscription will continue for the remainder of 2003. Members will receive the online journal as part of their membership in 2004, and can order a print subscription for a nominal fee. Please contact ASTMH if you wish to receive a print journal in addition to the online journal in 2004.

Society Fellowship Awards Deadlines Extended

Burroughs Wellcome Fund-The Ellison Medical Foundation-ASTMH Postdoctoral Fellowship in Tropical Infectious Diseases. The application deadline for this fellowship is September 15. Download application materials from <http://www.astmh.org/funding/application.rtf>.

[/www.astmh.org/funding/application.rtf](http://www.astmh.org/funding/application.rtf). This fellowship provides support for individuals to conduct research in tropical infectious diseases. Funding is available for a twelve-month period, at least three months of which must be spent working on research in a tropical or developing area.

Pfizer Centennial Travel Award in Basic Science Tropical Disease Research. The application deadline has been extended to September 30. Download application materials from . The purpose of the award is to facilitate international collaboration in basic science aspects of tropical infectious diseases and to provide interested physicians or scientists the opportunity to obtain hands-on field experience in, in combination with laboratory studies of, parasitic, bacterial or viral infectious diseases in endemic developing countries.

CURRENT TRENDS

Organizational Trends

WHO Director-General Redoubles Polio Eradication Campaign Global polio eradication oversight has been pulled into the office of the World Health Organization's director-general, where the campaign will be headed by David Heymann, the epidemiologist who led the organization's response to severe acute respiratory syndrome. WHO Director-General Jong-wook Lee made

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the announcement at a press conference in Geneva July 29. Heymann's new title will be Representative of the Director-General for Polio Eradication. Lee also announced a mass campaign aimed at inoculating 175 million children against the disease will be conducted from the end of August to December in key endemic countries India, Nigeria, Pakistan and Egypt, which are responsible together for 99% of new polio cases. Lee is a former head of WHO's Global Programme for Vaccines and Immunizations and at one point led the organization's campaign against polio in the Western Pacific Region. Heymann noted the epidemiological urgency of the situation, relating that in January, a Lebanese child contracted the disease from a traveler from India, marking the first case in that country in ten years. In the past year, polioviruses also have spread from Nigeria to neighboring countries that had been polio-free, the WHO announcement states. In his remarks July 29, Lee noted a \$210 million funding gap through 2005 announced by the Global Polio Eradication Initiative (GPEI) in May. Following recent G8 meetings, he said, Canada, Japan, Russia and U.K. have committed an additional \$95 million to the initiative. In June, at its international meeting in Brisbane, Rotary International announced pledges of \$88,557,000. GPEI is headed by WHO, Rotary International, the U.S. Centers for Disease Control and Prevention (CDC) and UNICEF. Polio currently exists wild in only seven countries, down from 125 plus when the initiative was launched in 1988. In addition to the four targeted by Lee, endemic countries are Niger, Somalia and Afghanistan, where conflict has made it difficult for immunization efforts to reach at-risk populations.

Carlos Morel Steps Down from WHO/TDR Due to "pressing family obligations" Carlos Morel has announced that he will step down from his post as Director of the Special Program for Research and Training on Tropical Diseases (WHO/TDR) at the end of 2003. His tenure at the helm of that organization is marked as one of great leadership, progress and accomplishment, and he will be missed. Nominations are being accepted for his replacement.

NIH Reorganization Report The National Academies has released its long awaited report on the organizational structure of NIH, which is titled, "Enhancing the Vitality of the National Institutes of Health: Organization Change to Meet New Challenges". The report was produced by a committee of the National Research Council and the Institute of Medicine. Although organizational changes are needed at the NIH, the committee did not recommend wholesale consolidation of institutes. Instead the committee made specific recommendations. Among these, and of potential interest to Society members is that addressing clinical research.

The Academy members recommend combining the clinical research programs (both intramural and extramural) across institutes and centers with the clinical research functions of the National Center for Research Resources (NCRR) into a new entity, which could be called the National Center for Clinical Research and Research Resources (NCCRRR). According to Dr. Shapiro, translating research knowledge into health improvements "is hampered by high costs, regulatory uncertainties, incompatible databases, and a shortage of qualified investigators and willing patient participants". The suggested structure, which reflects recommendations by other groups, would enhance collaboration and improve data sharing, according to Dr. Shapiro. Committee member Debra Lappin, former Chair of the Arthritis Foundation, noted that the new center could take a lead role in re-engineering the clinical research enterprise, a priority identified in the NIH roadmap under development. The report also recommended term limits on NIH and Institute Directors.

NIAID Announces First Wave of Biodefense Research Centers of Excellence The RCE program's primary role is to foster the physical and intellectual environments in which wide-ranging research on infectious diseases can proceed productively and safely. Each center comprises a lead institution and affiliated institutions located primarily in the same geographical region. The eight institutions receiving an RCE grant and the principal investigator at each are:

- Duke University, Barton Haynes, M.D.
- Harvard Medical School, Dennis Kasper, M.D.
- New York State Department of Health, Ian Lipkin, M.D.
- University of Chicago, Olaf Schneewind, Ph.D.
- University of Maryland, Baltimore, Myron Levine, M.D.
- University of Texas Medical Branch (Galveston), David Walker, M.D.
- University of Washington, Samuel Miller, M.D.
- Washington University in St. Louis, Samuel Stanley, M.D.

Research to be conducted in the RCE program includes:

- Developing new approaches to blocking the action of anthrax, botulinum and cholera toxins
- Developing new vaccines against anthrax, plague, tularemia, smallpox and Ebola
- Developing new antibiotics and other therapeutic strategies
- Studying bacterial and viral disease processes
- Designing new advanced diagnostic approaches for biodefense and for emerging diseases
- Conducting immunological studies of diseases

- caused by potential agents of bioterrorism
- Developing computational and genomic approaches to combating disease agents
- Creating new immunization strategies and delivery systems

In addition to the eight RCEs, NIAID is funding two Planning Grants for Regional Centers of Excellence for Biodefense and Emerging Infectious Diseases (P-RCEs). The P-RCEs will support training, planning, research development and resource acquisition that could lead to the future establishment of a regional center. The lead institutions and principal investigators of the P-RCEs are:

- University of Iowa, Bradley Britigan, M.D.
- University of Minnesota, Patrick Schlievert, Ph.D.

Additional information on NIAID's biodefense program is available at <http://www.niaid.nih.gov/biodefense/>.

Gates Foundation commits \$55 million to accelerate dengue vaccine research

The Bill & Melinda Gates Foundation announced a \$55 million grant to the International Vaccine Institute (IVI), Seoul, the Republic of Korea, to support the Pediatric Dengue Vaccine Initiative (PDVI). Dengue is caused by a group of four mosquito-transmitted viruses that infect 50-100 million people in the developing world each year, and is on the rise globally. In its most severe form – dengue hemorrhagic fever – dengue infection can result in shock, hemorrhages, and death. Introduction of a dengue vaccine could prevent more than 500,000 hospitalizations and 3,000 deaths annually, primarily among children. While there is an urgent need for a safe and effective dengue vaccine, research efforts have moved forward slowly, with only four out of twenty potential dengue vaccines having been evaluated in early, small-scale studies. The grant announced today will enable PDVI, an international consortium of leading research institutions, public health organizations, and private industry, to move promising candidate vaccines for dengue quickly into clinical trials and to conduct research on assays and diagnostics to ensure the safety of the candidate vaccines. The number of countries reporting dengue hemorrhagic fever has increased more than four-fold over the past three decades, and in 2001-2002, dengue epidemics reached an all-time high in Brazil, Venezuela, Ecuador, Peru, Thailand, Vietnam, and Myanmar. The number of cases in the Americas has risen from 60,000 in 1980 to 700,000 in 2000. In 2001, Hawaii reported its first dengue outbreak in more than 50 years. PDVI, founded in 2001 with a grant from the Rockefeller Foundation to IVI, will use the grant announced today to develop at least two clinical trial sites in Southeast Asia and South America. This research infrastructure will enable

researchers to move vaccine candidates rapidly into large-scale human trials. In addition, the grant will enable PDVI to examine the extent and impact of dengue in the developing world.

Legislative Trends

FY04 Appropriations Bills In general, the appropriations legislation for fiscal year beginning on October 1, 2003 has been passed by the House of Representatives and by the relevant subcommittees of the Senate Appropriations Committee. The steps remaining are full passage by the Senate, and then conference for bringing the two versions together. The progress of this legislative process can be followed on the web at <http://thomas.loc.gov/home/approp/app04.html>. Some highlights of the bills of greatest interest to Society members follows:

- *6.2% increase for research & related activities at the National Science Foundation.* The overall FY 2004 NSF appropriation would increase by 6.2% to \$5.689 billion. The \$329 million increase over the FY 2003 level represents more than twice the \$158 million increase in the President's budget request.
- In other features of the V/A-HUD bill, the mark provides \$27.2 billion for the *Veterans Health Administration* — a \$1.4 billion (5.4%) increase approximately matching the President's request. VA research would increase by \$11 million (2.8%), bringing FY 2004 funding to \$408 million.
- USAID would receive \$4.7 billion, a \$500 million increase over 2003. The Committee provides \$1,435,500,000 for the Child Survival and Health Programs Fund [CSHPF] of which \$345,000,000 is for child survival and maternal health. This amount is \$23,000,000 above the fiscal year 2003 level. The Committee notes that funding for the Global Fund to Fight AIDS, Tuberculosis and Malaria, and UNICEF, have been moved out of CSHPF.
- The Foreign Operations Bill also provides a total of \$1,357,000,000 for HIV/AIDS programs, which is \$10,000,000 above the fiscal year 2004 budget request. The Committee notes that this funding level will allow the President to meet his commitment to provide a total of \$15,000,000,000 for HIV/AIDS programs and activities over the next 5 years, and 250,000,000 for a U.S. contribution to the Global Fund to Fight AIDS, Tuberculosis, and Malaria from the GAI.
- Also part of the VA/HUD proposal, the Environmental Protection Agency science and technology budget is slated to increase \$52 million (6.8%) - \$36 million above the President's request — to \$812 million in FY 2004. In other appropriations activity, the full House Appropriations committee reported FY 2004 Energy and Water Development

legislation July 15. The bill provides \$3.48 billion for the Department of Energy Office of Science, including \$562 million for biological and environmental research —\$62.5 million over the requested level.

- *National Institutes of Health*- A total of \$27,982,604,000 is recommended to fund biomedical research at the 27 Institutes and Centers that comprise the NIH. This represents an increase of \$1,000,000,000 over the fiscal year 2003 level and \$318,613,000 over the budget request.
- *Centers for Disease Control*- The Committee bill provides \$4,432,496,000 for the Centers for Disease Control and Prevention, an increase of \$147,856,000 over the fiscal 2003 level. Included in this amount is \$801,844,000 for chronic disease prevention and health promotion of which \$50,000,000 for obesity prevention.
- *Physical Activity and Nutrition*- The Committee recommendation includes a total of \$944,702,000 for programs to increase physical activity, improve nutrition, and reduce obesity and overweight, an increase of \$34,221,000 over the fiscal year 2003 appropriation.
- *Infectious Disease Initiative*- The Committee bill includes \$2,138,960,000 for infectious disease research, prevention and control. Included in this amount is \$422,760,000,000 for infectious disease control at the Centers for Disease Control of which \$50,000,000 is targeted to areas where new infectious diseases tend to occur and \$25,000,000 for containment of disease outbreaks such as SARS and monkeypox. For emerging infectious diseases at the National Institutes of Health, the Committee has included \$1,686,200,000, an increase of \$599,000,000 over the fiscal year 2003 appropriation.
- *AIDS*- The Committee bill includes \$6,058,688,000 for AIDS research, prevention, and services. This includes \$2,041,599,000 for Ryan White programs, an increase of \$23,634,000 over the fiscal year 2003 level, \$932,189,000 for AIDS prevention programs at the Centers for Disease Control and Prevention and \$2,869,900,000 for AIDS research programs at the National Institutes of Health. For global AIDS programs, the bill includes \$90,000,000 for international mother to child transmission prevention and \$150,000,000 for the Global Fund for AIDS.
- *Bioterrorism*- The Committee bill includes \$1,896,149,000 to fund efforts to address bioterrorism threats.

New Authorizations: Although many feel that the appropriations process is most critical to the day to day functioning of US federal agencies that support tropical medicine and health activities, there is another important legislative process, called authorizations. Typically,

agencies are authorized to conduct business, to implement programs and to expend funds beyond the limits of available dollars. These authorizations are important for setting, and expanding the boundaries of federal government action, and in providing to agency leaders a “sense of Congress”. Two recent authorization actions of interest to Society members are described below.

- *Global Pathogen Surveillance Act HR2329*, introduced in the House of Representatives in June 2003. This legislation, introduced previously and strongly supported by Society leaders, would provide support through the Department of State for DoD and CDC domestic and overseas laboratories in the conduct of pathogen and syndromic surveillance, training of developing country scientists, provision of communications and laboratory equipment to developing countries.
- *S. 1015 – On August 15*, the President signed into law S. 1015, the Mosquito Abatement for Safety and Health Act, as P.L. 108-75. This legislation authorizes grants through the Centers for Disease Control and Prevention for mosquito control programs to prevent mosquito-borne diseases. In addition, it requires the National Institute of Environmental Health Sciences (NIEHS) to conduct or support research into methods to control the population of insects and vermin that transmit dangerous diseases to humans.

DEATHS

In memoriam: Frederick C. Robbins, M.D. Frederick C. Robbins, M.D., Dean Emeritus and University Professor Emeritus of the Case Western Reserve University School of Medicine, died on Aug. 4 at the age of 86. Dr. Robbins, 1954 Nobel Laureate, received his prize for work on the polio virus with Drs. John Enders and Thomas Weller, which translated directly to development of two polio vaccines and the elimination of polio from many areas of the world. Robbins served as the President of the Institute of Medicine from 1980-85, where he was credited with creating a solid foundation for programs contributing to national vaccine policy. Dr. Robbins was active in many other arenas throughout his life and gave long and wonderful service to disease endemic countries, especially Uganda and India.

PEOPLE

The Bill & Melinda Gates Foundation announced today

that **Thomas Brewer, M.D.**, and **David Brandling-Bennett, M.D.**, have been named Senior Program Officers in the Infectious Diseases division of the Global Health Program. As Senior Program Officers, Brewer and Brandling-Bennett will work to improve global health by managing programs to control the spread of infectious diseases in the developing world. Dr. Brewer will be responsible for a broad range of projects, focusing on drug development and vector-borne diseases. Dr. Brandling-Bennett will work on the foundation's malaria control project and other tropical disease programs, where he will address issues related to global vaccinations and drug accessibility.

A new AIDS, TB, and malaria position at WHO will be filled by State Department's **Jack Chow** Deputy Assistant Secretary of State for Health and Science. Jack Chow has been appointed the World Health Organization's Assistant Director-General for HIV/AIDS, TB & Malaria, a new position. Director General Jong Wook Lee, who formally took the helm at WHO July 21, announced the formation of a new disease cluster that includes Chow's post during his first address as the international health organization's top official.

Anna Cherrie Epps, Ph.D., senior advisor to the president for academic affairs and dean emeritus of Meharry Medical College School of Medicine, will receive the Herbert W. Nickens, M.D., Award. The award is given to an individual who has made outstanding contributions to promoting justice in medical education and health care. Dr. Epps will receive a \$10,000 award and will deliver the Nickens Memorial Lecture at the AAMC's Annual Meeting on Nov. 9 in Washington, D.C.

Ehrenfeld to Step Down as CSR Director Ellie Ehrenfeld, PhD will step down from her post as Director of the Center for Scientific Review (CSR) at the National Institutes of Health (NIH) at the end of September. Dr. Ehrenfeld will continue in her position as Chief of the Picornavirus Replication Section in the Laboratory of Infectious Diseases at the National Institute of Allergy and Infectious Diseases (NIAID), one of the institutes of the NIH. Under her leadership, the center established working groups of external experts to periodically evaluate the effectiveness of CSR's Integrated Review Groups (IRGs) and their component study sections. In response to the dramatic growth in biomedical and behavioral research, the center initiated a comprehensive reorganization of CSR's scientific review groups. Entitled *The Panel on Scientific Boundaries for Review*, the resulting teams of experts completed the design for 23 new IRGs and their study sections. The CSR Advisory Committee is now overseeing implementation efforts. CSR recruited a special advisor, Theodore

Kotchen, M.D., Professor of Medicine and Epidemiology and Associate Dean for Clinical Research at the Medical College of Wisconsin, to serve as a liaison to the external clinical research communities. His role is to examine CSR practices and suggest new approaches to reviewing clinical research proposals. In addition to her work within CSR, Dr. Ehrenfeld has been active in trans-NIH activities. She has acted as an advisor to the NIH Director on issues related to developing new ways to attract, review, and fund high-risk and innovative research applications. *The Center for Scientific Review organizes the peer review groups that evaluate the majority of grant applications submitted to the National Institutes of Health. CSR also receives all NIH and many Public Health Service grant applications and assigns them to the appropriate NIH Institutes and Centers and PHS agencies.*

FUNDING OPPORTUNITIES

Training and Fellowships

Fellowship Training Programme in Research Ethics

The Special Programme for Research and Training in Tropical Diseases (TDR) invites scientists from the disease endemic countries (DECs) to apply for a 12-month fellowship programme on Research Ethics. The training programme will be developed within TDR, Geneva, and will involve theoretical and practical activities related to the management of a global network dedicated to developing ethical review for the promotion of ethical and scientific values in biomedical research (SIDCER - Strategic Initiative for Developing Capacity in Ethical Review). SIDCER provides a network for capacity-building in ethical review carried out primarily through independently established ethical review committees.

The following fora are included in the SIDCER network:

- Forum for Ethical Review Committees in Asia & the Western Pacific (FERCAP), Bangkok, Thailand
- Foro Latino Americano de Comités de Ética en Investigación en Salud [Latin American Forum of Ethics Committees in Health Research] (FLACEIS), Mexico City, Mexico
- Pan-African Bioethics Initiative (PABIN), Lusaka, Zambia
- Forum for Ethics Committees in the Confederation of Independent States (FECCIS), St. Petersburg, Russia
- Forum for Institution Review Boards in Canada and the United States (FOCUS), Ottawa, Canada

SIDCER provides technical and financial support to these fora in order to promote the development of independent and competent in-country ethical review committees and systems through enhancing the

capacity to address the procedural requirements and substantive issues in the ethical review of biomedical research. Under the supervision of Dr Juntra Karbwang in TDR the trainee will:

- attend workshops and training sessions on ethical review, establishment of ethics committees, Good Clinical Practice (GCP), clinical study management and on the job practice in the ethical review of biomedical research proposals;
- promote communication networks among and between various fora to foster collaborative interactions in order to provide a framework for mutual learning and understanding;
- facilitate education on substantive issues in biomedical research ethics related to ethical review, in collaboration with universities, and other relevant institutions and organisations;
- assist in the development of educational materials for members of ethical review committees;
- promote regional and country workshops for the implementation of the Operational Guidelines for Ethics Committees That Review Biomedical Research;
- assist in resource mobilization that ensures sustainability of regional and country activities.

Applications are requested from nationals of DEC countries, who have basic training in research ethics and are involved in the Ministries of Health, academic or research institutions. Preference will be given to candidates holding an advanced clinical sciences degree and those who have been trained and have worked in TDR related areas. Strong written and verbal communication skills in English are required. Following training, grantees are expected to exhibit scientific expertise in research ethics and to promote the development of the home institute research environment and provide local and regional training. Preference is given to applicants under the age of 35 years. All applications must be received by **15 October 2003**. Applicants will be informed of the outcome in 15 November 2003. Training activities are scheduled to be initiated in January 2004. Additional information can be obtained from Steven Wayling, TDR Manager on Research Training at:

<mailto:waylings@who.int>

Informatics Training for Global Health (ITGH) RFA: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-TW-03-008.html> Application Deadline: **October 23, 2003** The Fogarty International Center of the U.S. National Institutes of Health (NIH), together with NIH's National Library of Medicine, the National Institute of Biomedical Imaging and Bioengineering, and the National Human Genome Research Institute, invite applications for the creation of Informatics training programs in support of global health research in low- and middle-income countries. U.S. institutions in partnership with eligible foreign institutions that have active research and training

programs supported by NIH are welcome to apply. All fields of informatics that increase the capacity of researchers and other health professionals to generate, access, manage, analyze, interpret, manipulate, model, display, and share biomedical and behavioral information are suitable for training. Programs that include training in data management, infectious disease bioinformatics, biostatistics, disease surveillance and epidemiology, biological imaging, and disease modeling are especially encouraged. Training plans should be directly integrated with or directed towards research activities at the foreign institution and should address the health and informatics needs of the collaborating foreign country.

TDR Research Training Grants - 2004 The UNDP/ World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR) invites applications for the award of Research Training Grants (RTG) from individuals who are nationals of, and employed in, least developed disease endemic countries (LDC) and developing disease endemic countries (DEC) with lesser developed research capacities. RTGs are awarded, on a competitive basis, for studies leading to a postgraduate degree, or for acquiring specialized skills. Studies must be on one or more of the TDR target diseases - malaria, leishmaniasis, schistosomiasis, lymphatic filariasis and onchocerciasis, African trypanosomiasis and Chagas disease, leprosy, dengue and tuberculosis, in laboratory, clinical or applied field research disciplines relevant to TDR and/or national priorities. See the TDR web site at <http://www.who.int/tdr/grants/workplans> for TDR's priority research areas. The training may take place in the home country, in another developing country, or in a developed country. TDR reserves the right to select the academic institution, research programme or TDR-funded Research & Development (R&D) project where it is felt the most suitable training can be obtained. Applications for training must be designed as an integral part of an institution development programme that clearly documents the career development plans for the applicant. Following training, grantees are expected to exhibit scientific expertise in their chosen field, promote the development of the home institute research environment, provide training opportunities, be conversant with information and communication systems, and to develop collaboration with scientists and institutions in country and with other countries where possible. Proposals for training will be reviewed on the basis of (a) relevance of training to home institution and country/region, (b) research environment in the home institution, (c) career development plans for the applicant, (d) research experience of applicant, (e) previous education sufficient to justify requested training, (f) recommendation letters, (g) research project presented, (h) previous TDR funding and (i) national commitment to research. TDR's first priority are applicants from the UN-defined Least Developed Countries (LDC). To achieve gender

balance, applications are especially encouraged from women. Applications from researchers requesting support for training in their own country or region are given priority. Applicants requesting local/regional PhD training may also include a short attachment abroad (+/- 6 months) to acquire skills related to their thesis research not available within their own country. Applications are welcomed from individuals working and involved in Ministries of Health with responsibility for planning, implementing and/or evaluating disease control programmes related to TDR target diseases. Preference is given to applicants under the age of 35 years. All applications must be received by **1 November 2003** at the following address: Steven Wayling, Manager - Research Training, UNDP/World Bank/WHO Special Programme for Research And Training in Tropical Diseases (TDR), 1211 Geneva 27, Switzerland. Fax (41 22) 791-4854; Tel. (41 22) 791-3909; E-mail: RCStraining@who.int. Applications will be reviewed by a sub-Committee of the Research Strengthening Group (RSG) in February 2004, and the results communicated in April 2004.

The National Academies' **Christine Mirzayan Science and Technology Policy Internship Program** is now accepting applications from graduate and postdoctoral students for its winter, summer and fall 2004 sessions. The program is designed to engage science, engineering, medical, veterinary, business and law students in the analysis and creation of public policy and to familiarize them with the interactions of science, technology and government. The application deadline for the winter 2004 session is Saturday, Nov. 1. <http://www7.national-academies.org/internship>

L'Oréal USA Fellowships Five \$20,000 fellowships will be awarded to young women who are third and fourth year graduate students and to postdoctoral researchers whose interests are in the natural sciences (biological and physical), engineering, computer science and Mathematics. To learn more please visit: www.lorealusa.com/forwomeninscience. Applications will be accepted through **November 1, 2003** with appropriate documentation. The first fellowship recipients will be announced in March of 2004.

AAMC/FIC/Ellison Overseas Fellowships in Global Health and Clinical Research The National Institutes of Health's (NIH) **Fogarty International Center (FIC)** with support from **The Ellison Medical Foundation**, is offering a one year clinical research training experience for graduate level U.S. students in the health professions. The American Association of Medical Colleges is managing the program. This is an opportunity for highly motivated individuals to experience mentored research training at top-ranked NIH-funded research centers in developing countries. This program is designed prima-

rily for students meeting all of the following qualifications: a strong interest in, and potential for, a career in international health activities and/or clinical research; advanced standing in a U.S. medical or osteopathic school; or enrollment in a doctoral level program at a U.S. school of public health, nursing or dentistry; support of their home academic institution, including a committed mentor. Each Fellowship will be for a one year period. The term will begin with an extensive orientation program on the NIH campus in Bethesda, MD in July 2004. This will be followed by approximately 11 months of intense research training at the foreign site. Applications will be accepted until close of business Tuesday, **January 6, 2004**. Finalists will be invited to a final selection Orientation Program meeting on the NIH campus in early March 2004 where they not only will be interviewed but they will also have the opportunity to speak with representatives from each of the international sites prior to submitting their preference for final clinic destination. Fifteen fellowships will be available for the 2004-2005 class and stipends will be provided. To learn more, please visit: <http://www.aamc.org/overseasfellowship>.

JSPS Postdoctoral Fellowship for Foreign Researchers Postdoctoral positions are available in a variety of research fields for 12 - 24 months in Japan, supported by Japan Society for the Promotion of Science (JSPS). Successful applicants have the opportunity to conduct collaborative research activities at Japanese universities or research institutes. Applicants should have a Doctorate degree. Excellent allowance and benefits provided. Check our website at: <http://www.jps.jp/e-fellow/postdoctoral.html>

Research Support

Career Development Grants For Bioinformatics and Applied Genomics Research in Disease Endemic Countries TDR invites research proposals for innovative applications of bioinformatics and functional genomics with the aim of understanding biology and pathogenesis, and identifying new targets (for drugs, vaccines, diagnostics, insecticides) in African trypanosomiasis, Chagas disease, dengue fever, lymphatic filariasis, leishmaniasis, malaria, onchocerciasis, schistosomiasis and tuberculosis, and new diagnostics for early leprosy infection. TDR, through the Pathogenesis and Applied Genomics Committee and the Research Strengthening Group (RSG), the Bioinformatics Initiative and the Working Group on Applied Genomics to Drugs and Diagnostics, is fostering novel approaches using whole genome based methodologies, computational biology and functional genomics to identify new targets for drugs, vaccines, insecticides and diagnostic re-

agents against organisms responsible for these diseases. The Career Grant award is designed to foster novel applications of bioinformatics tools and functional genomics in disease endemic countries. It is also hoped that it will promote collaborations and establishment of networks between the career grants recipients and the regional training centres in efforts to develop joint projects among scientists in the disease endemic countries. The Career Grant will provide three-year support for innovative projects. Proposals that include approaches to target validation are preferred:

- Analysis of drug/insecticide resistant organisms and responses to chemotherapeutics and insecticides using whole genomic approaches, e.g. transcriptional profiling and proteomics, with the aim of identifying potential new drug targets and understanding resistance mechanisms.
- Development of whole cell models or improvements of animal models based on advances in DNA technology in order to improve screening of new drugs, vaccines, insecticides, diagnostics and target monitoring.
- Development of tools for functional genome analysis, including inducible gene expression and whole genome mutagenesis approaches, for identification and validation of drug targets.

Details and examples of genome based tools currently available and those desired for further development that could be useful for these research objectives can be found on the workplan for the Genome to Drugs and Diagnostics working group at: <http://www.who.int/tdr/grants/workplan> TDR strongly encourages collaboration between investigators in endemic countries (south-south) or with resourceful laboratories in non-endemic countries (north-south). Application forms (Collaborative Research Grants) as well as detailed instructions for submission of applications are available from the Communications unit of TDR or can be downloaded from the TDR website: <http://www.who.int/tdr/grants/forms.htm>. Deadline for receipt of proposals is **15 October 2003**. All correspondence and requests for additional information should be sent to: Dr A.M.J. Oduola, Coordinator, Basic and Strategic Research (STR) TDR, World Health Organization 1211 Geneva 27 Switzerland Tel: +41-22 791-3212/3789 Fax: +41-22 791-4854 E-mail: mailto:oduolaa@who.int

TDR Call For Applications For The Award Of Re-Entry Grants Re-entry grants are intended to facilitate the career development of young scientists from disease-endemic countries (DEC) returning to their home institutions within 12 months following completion of a graduate degree or post-doctoral training period. Re-entry grants are an integral part of establishing an independent and sustainable research career following graduate training and is one of the continuum of TDR funding opportunities available to scientists from the

developing countries. The goal is to enable young scientists to establish their research careers with a documented career development plan. Applications for the re-entry grant must be designed as an integral part of an institutional development programme that clearly documents the career development plans for the applicant. Applicants are expected to exhibit scientific expertise in their chosen field by presenting a project of high scientific merit and relevance that promotes the development of the home institute research environment and may provide training opportunities for junior researchers or graduate students. Collaboration with scientists and institutions in-country and with other countries is encouraged. Proposals will be reviewed on the basis of scientific merit, the career development plan for the applicant and relevance of project to the home institution. Therefore, in addition to a proposed research agenda, applications for the re-entry grant must include a career development plan developed in consultation with the immediate supervisor and endorsed by the home institution director. To increase the relevance of the immediate past training, supporting letters from 2 training supervisors are also required. This requirement may also encourage continued collaboration with their training institution. Re-entry grants are awarded on a competitive basis for a 3-year period. A maximum 40 000 US dollars is awarded over the 3-year period. Applicants must be nationals of disease-endemic countries. Application forms (Re-entry Grants) as well as detailed instructions for submission of applications are available from the TDR communications unit (tdrforms@who.int) or can be downloaded from the TDR website (<http://www.who.int/tdr/grants/forms.htm>). All applications must be received by **1 November 2003** at the following address: Steven Wayling, Manager - Research Training, UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR), 1211 Geneva 27, Switzerland. Fax (41 22) 791-4854; Tel. (41 22) 791-3909; E-mail: RCStraining@who.int.

AMA Foundation Seeks Applicants To Seed Grant Programs The American Medical Association Foundation is seeking applicants for the Seed Grant Research Program, which provides funding to support medical research programs led by medical students and residents. The program awards grants of \$1,500 to \$2,500 towards the conduct of small projects in applied and clinical research. Applications must be received by **Nov. 15**.

Animal Health in the Developing World The Wellcome Trust is pleased to announce a new, global initiative that focuses on livestock diseases in the developing world and their impact on human health and well-being. If you are not normally eligible for Trust funding, please continue reading as the **eligibility for**

this initiative has been widened. One of a spectrum of activities that will be funded through this initiative is **support of biomedical research into livestock diseases of developing countries**. To launch the initiative, researchers are invited to apply for research support. Applicants should refer to the **Call for Research Proposals** for guidance on the **research areas particularly encouraged, special eligibility criteria, research support available, application procedure**. To apply, download the **Preliminary Application Form** and **Guidance Notes**. To apply, download the **Preliminary Application Form** and **Guidance Notes**. Trust staff are available to answer any queries on Animal Health in the Developing World Preliminary applications are due by **December 12, 2003**; full applications from those invited to submit, will be due by July 30, 2004. For additional information visit the website at <http://www.wellcome.ac.uk/en/1/biosfgintliv.html> or write or call staff at Animal Health in the Developing World, The Wellcome Trust, 183 Euston Road, London NW1 2BE, UK, Tel: +44 (0)20 7611 8710; Fax: +44 (0)20 7611 7288; E-mail: livestock@wellcome.ac.uk.

Cooperative Research And Development Agreement (CRADA) Sought The Division of Bacterial and Mycotic Diseases (in the National Center for Infectious Disease, Centers for Disease Control and Prevention) is seeking to explore possible partnerships in applied research to improve public health preparedness and response to bioterrorism associated with use of bacterial and fungal agents. The Division of Bacterial and Mycotic Diseases (DBMD) through its component Branches has lead CDC technical responsibility for a number of Category A, B and C bioterrorism agents and their associated toxins (*Bacillus anthracis*, *Clostridium botulinum*, *Brucella* spp., *Burkholderia* spp., *Staphylococcus enterotoxin B*, other food- or waterborne bacterial pathogens, and other bacterial agents). DBMD uses epidemiologic, laboratory, clinical, and biostatistical sciences to control and prevent bacterial and mycotic infectious disease. The division conducts applied research in a variety of settings, and translates the findings of this research into public health practice. The division works in partnership with a variety of public, academic, and for-profit and not-for-profit private sector organizations to achieve public health goals. Broad categories of bioterrorism-related research of interest to the DBMD include:

- Rapid evaluation of powder, food, water, and other potential vehicles for presence of bioterrorism agents, and their associated toxins;
- Epidemiologic investigation of suspected and confirmed bioterrorism events;
- Pre-, during, and post-bioterrorism event surveillance;
- Diagnosis of suspect and confirmed bioterrorism-related illness;

- Treatment of suspect and confirmed bioterrorism-related illness;
- Post-exposure prophylaxis for prevention of bioterrorism-related illness among exposed persons;
- Remediation of health risks in environments contaminated or potentially contaminated as a result of BT events.

DBMD is currently involved in a number of bioterrorism-related research activities including, but not limited to:

1. Development and revision of agent-(and toxin-) specific National Bioterrorism Response Plans;
2. Anthrax vaccines;
3. Immunotherapy for anthrax and botulism;
4. Anthrax diagnostics;
5. Antimicrobial susceptibility testing;
6. Epidemiologic and clinical research;
7. Building representative stain collections;
8. Molecular subtyping (and electronic networks for sharing associated data);
9. Identification of virulence factors;
10. Methods for rapid detection of foodborne agents in food and water;
11. Evaluation of unexplained deaths and critical illnesses.

Because CRADAs are designed to facilitate the development of scientific and technological knowledge into useful, marketable products, a great deal of freedom is given to Federal agencies in implementing collaborative research. The CDC may accept staff, facilities, equipment, supplies, and money from the other participants in a CRADA; CDC may provide staff, facilities, equipment, and supplies to the project. CDC MAY NOT PROVIDE FUNDS to the other participants in a CRADA. Responses will be accepted through one year after publication of this notice. FOR FURTHER INFORMATION CONTACT: Technical Bradley Perkins, MD, Division of Bacterial and Mycotic Diseases, National Center for Infectious Diseases, Centers for Disease Control and Prevention (CDC), 1600 Clifton Rd. NE., Mail stop C-09, Atlanta, GA 30333. Telephone (404) 639-4721, E-Mail at BPerkins@CDC.GOV. Business Lisa Blake-DiSpigna, Technology Development Coordinator, National Center for Infectious Diseases, Centers for Disease Control and Prevention (CDC), 1600 Clifton R. NE., Mail stop E-51, Atlanta, GA 30333. Telephone (404) 498-3262, E-Mail at LCBS3@CDC.GOV.

Capacity Strengthening Support

The AMA Foundation is seeking applications for the **Health Literacy Grants** to Community Organizations and Alliances Program, which provides funding for projects that advance the field of health literacy through coalition building with medical societies, community

organizations, educational healthcare institutions, health professionals, and patients. Grant recipients are eligible to receive up to \$1,000 per project. Applications must be received by **Sept. 30, 2003**. Information: AMA Foundation, 312.464.4200, seedgrants@ama-assn.org, or go to <http://www.amafoundation.org>

Capacity Strengthening Programme Grant on African trypanosomiasis The UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Diseases (TDR) supports long-term institutional capacity building projects for research in tropical diseases in disease endemic countries (DECs). In order to promote research on African trypanosomiasis in endemic countries, TDR will dedicate research capability strengthening resources to support one endemic-country institution to develop an institutional research and training programme in African trypanosomiasis, thus improving research skills in proposal development and techniques for addressing the African trypanosomiasis research agenda. This special initiative for African trypanosomiasis research will promote and build capacity for research, through a long-term support to an institution with potential to become a centre of excellence for the region. The institution selected will be expected to offer and facilitate training opportunities in the region and provide opportunities for collaboration with scientists and institutions in both endemic and non-endemic countries. Institutions qualifying for the programme grant on African trypanosomiasis should: be located in African trypanosomiasis endemic region, have an on-going research on African trypanosomiasis with basic infrastructure for research, be willing to expand its scope for research into a wide range of activities, from basic research, product development, clinical trials, epidemiological studies and implementation research, have training facilities and past experience in national and international training, have a track record of research activities and publication, have a history of collaboration and partnerships with other institutes, and universities, and have collaborative links with control programmes. The selected institution will be funded for an initial period of three years, subject to annual review and satisfactory progress, with an annual budget up to USD 75,000. The funding level for each year should be fully justified according to the activities proposed. Funding beyond the initial three years will be considered depending on the progress and achievements. Proposals should be submitted on the using the Capacity Strengthening Programme Grant Form available at: <http://www.who.int/tdr/grants/forms.htm> For proposals involving human subjects, special attention should be paid to the requirements for review by the Secretariat Committee on Research in Human Subjects (SCRIHS). Full description of clinical procedures and methods to ensure participant safety and well as a model of the participant informed consent should be

included. The proposals will be reviewed during the next meeting of the Research Strengthening Group in February 2004. Applications will be accepted by email only, but pages with original official signatures should be posted to the TDR address below. Please email your proposal to rcstdr@who.int specifying "African Trypanosomiasis" under the subject title. Deadline for submission : **15 November 2003** If you need further information please contact: Dr Fabio Zicker Coordinator, Research Capability Strengthening, UNDP/World Bank/WHO Special Programme for Research and Training in Tropical Disease (TDR), World Health Organization, 1211 Geneva 27, Switzerland. Fax: (41-22) 791-4854; E-mail: mailto:rcstdr@who.int; Web site: <http://www.who.int/tdr>.

ITEMS OF INTEREST

FIFTH ADVANCED VACCINOLOGY COURSE (ADVAC-5) Les Pensières, Veyrier-du-Lac (near Annecy, French Alps), 10-21 May 2004. Organized by the Fondation Mérieux With the co-sponsorship of Children's Vaccine Program at PATH, European Commission, Centers for Disease Control, European Society for Paediatric Infectious Diseases, European Vaccine Manufacturers, Fogarty International Center, Institut Pasteur, International Agency for Research on Cancer, Johns Hopkins Bloomberg School of Public Health, National Foundation for Infectious Diseases, National Institute of Allergy and Infectious Diseases, University of Geneva, World Health Organization. Objective of the course: The course aims to facilitate critical decision making in vaccinology by providing participants with a comprehensive overview of the field, from immunology to vaccine development and clinical trials and the social, economic, political and ethical issues of vaccination. Who should apply? Scientists and decision-makers from the public and private sectors, involved in vaccine development, in the elaboration of new vaccination strategies or in policy decisions related to the introduction of new vaccines in public health programmes, at national or international levels. Application deadline **15 November 2003** Information <http://www.fondation-merieux.org/enseignement/ADVAC-Info.html> Contact: Betty.dodet@fondation-merieux.org

Printed Matter

MIM STRATEGIC ADVISORY BOARD MEETING REPORT AVAILABLE ON THE MIM WEBSITE Just after the official inauguration of the MIM Secretariat, the SAB convened for the first time April 29-30th to discuss the future strategy of the MIM. Present at this meeting

were also representatives from funding organizations, WHO and the MIM constituents. The discussions were very much based on the MIM survey report and the recommendations provided by the MIM external review. Download the full report as a PDF-file at: <http://www.mim.su.se/english/news/index.html#publications>
Andreas Heddini, MD, PhD

Issues in Science and Technology, a magazine sponsored by the National Academies and the University of Texas at Dallas, celebrates its 20th anniversary with a special edition that offers fresh perspectives on major stories from the last two decades — including AIDS research, U.S.-Soviet relations, biodiversity and the education of minority students. Throughout its history, the magazine has published thought-provoking articles about science, technology and health by experts — including Anthony Fauci, Edward O. Wilson and David Baltimore — with the goal of helping to inform public policy-makers. <http://www.national-academies.org/topnews#tn0709>

The Division of Global Migration and Quarantine (DQ), National Center for Infectious Diseases, is pleased to announce the release of the 2003-2004 edition of the publication, **Health Information for International Travel** (The Yellow Book). The new edition contains:

- New chapter focusing on recommendations for children
- New recommendations for malaria chemoprophylaxis
- Expanded text on injury during travel, motion sickness, altitude sickness, and travelers with disabilities
- Changes in vaccine recommendations
- Changes in recommendations for insect repellent use
- New text on scuba diving safety and high-risk travelers
- Improved and colorized maps and expanded indexing

The Yellow Book will also be available on CD-ROM later in the year. To order the book and or the CD-ROM, contact the Public Health Foundation at this telephone number: 1-877-252-1200 or <http://bookstore.phf.org>

Websites

DATABASE: A Parasite's Chemical Flowchart This database from Hebrew University in Jerusalem compiles many of the biochemical pathways that keep the malaria parasite alive and demolishing red blood cells. More than 20 interactive diagrams trace the chemical changes that allow the Plasmodium parasite to slice up glucose, synthesize the building blocks of proteins and DNA, and break down the hemoglobin the bug purloins

from its victims. Click on the substrates to get their chemical structure and molecular weight. Enzymes link to protein databases and to PlasmoDB, which holds the parasite's genome sequence, which was completed last fall. sites.huji.ac.il/malaria <<http://sites.huji.ac.il/malaria>>

History of Genetics Research Website The Office of National Institutes of Health (NIH) History has created a web-based exhibit on genetics research. The exhibit, "Revolution in Progress: Human Genetics and Medical Research," looks specifically at how this research will help in the prevention and treatment of disease. It provides information on the roles that DNA, genes, and chromosomes play in the human body, explains how basic science research has led to a better understanding of genetic research, and discusses the scope, purpose, and techniques of the Human Genome Project to map and decode human genes. The exhibit also includes an animated cartoon page for children. For additional information go to <http://history.nih.gov/exhibits/genetics>.

LeishDomus Diagnostic and epidemiological markers for tracking of endemic and resurgent European leishmaniasis We are pleased to announce the issue of a new leishmania website (www.leishdomus.org) within a current EC Project. It is dedicated to genetic diversity of the parasite and molecular epidemiology. One of its main goals will be the development of a database on molecular markers, which is currently in construction.

JOBS

Georgia (Tbilisi) - International Relief and Development, Inc. (IRD), *Project Director* Virginia based non-profit international organization, seeks a qualified individual for a project director position in Tbilisi, Georgia. The successful candidate should have extensive international experience in management of USAID funded projects. Experience in implementation of women's health interventions, especially in provision of technical assistance, training, information dissemination and community outreach are necessary. Send Resumes to Jkeys@ird-dc.org, Fax: 703-248-0194 Copyright 2003

Kazakhstan Project Hope *Program Director, Central Asia Republics Job #485W Almaty, Kazakhstan* Project HOPE, (Health Opportunities for People Everywhere) an international non-profit health education foundation, is currently seeking qualified candidates to fill the position of Program Director, Central Asia Republics. Position is based in Almaty, Kazakhstan.

Responsibilities: Successful candidate will plan, lead, organize and supervise the development, implementation and monitoring of Project HOPE's programs in Kazakhstan, Kyrgyzstan, Uzbekistan, Tajikistan and Turkmenistan. Provide overall administrative management of the following four ongoing programs: Child Survival, Maternal Child Health and Reproductive Health, Tuberculosis and Humanitarian Assistance Programs. Assist in technical aspects of the programs as it pertains to curriculum development, monitoring and evaluation, program development, and long term planning. Represent HOPE before USAID, local government officials, U.S. Embassy and other U.S. government agencies, WHO, and other international organizations. Requirements: English fluency both written and oral; working proficiency in Russian language desirable; experience living/working in the former Soviet Union; 3-5 years of experience in program management, development; and experience managing staff and budgets. **For consideration:** Complete the [online application form](#) including a cover letter, with salary history and current resume. Cover letter and resume may also be sent via email to recruit@projecthope.org or by mail to Project HOPE; Recruitment; 255 Carter Hall Lane; Millwood, VA, 22646; 540-837-2100; Fax: 540-837-9052. EOE M/F/D/V

Mozambique Project Hope *Country Director Job #512-W Maputo, Mozambique* Project HOPE, one of the oldest and most respected international, non-profit health education organizations in the U.S., is currently seeking qualified candidates for position of Country Director to manage country operations and provide technical oversight of various programs in Mozambique. Programs include immunization and health services systems support to the Ministry of Health, HIV/AIDS in the Workplace and community, rapid response emergency relief, community-based health income generation programs and other initiatives. Position is based in Maputo, Mozambique. Reporting to the Regional Director, Africa, the successful candidate will lead and supervise all technical aspects of program design, implementation, monitoring and evaluation of Project HOPE programs in Mozambique. Responsibilities include direct supervision of program/technical staff; oversight of program administration and financial management. Program development including proposal writing and ability to represent HOPE before Mozambique and U.S. government authorities, UN and other donor agencies and partners in-country. Serve as main liaison between headquarters and field sites. Requires a master's degree or equivalent in public health or related medical or social science field, minimum 5 years program management and technical experience. English fluency required. Portuguese and/or Spanish language ability highly desirable. Experience living/working in developing country, preferably Africa. In-

country and regional travel required. Term of contract is 2 years. Project HOPE offers competitive salaries and outstanding benefits as well as an opportunity to join an organization with a rich history and bright future committed to achieving sustainable advances through health education and humanitarian assistance. **For consideration:** Complete the [online application form](#) including a cover letter, with salary history and current resume. Cover letter and resume may also be sent via email to recruit@projecthope.org or by mail to Project HOPE; Recruitment; 255 Carter Hall Lane; Millwood, VA, 22646; 540-837-2100; Fax: 540-837-9052. EOE M/F/D/V

Georgia The Institute of Arthropodology and Parasitology (IAP), Georgia Southern University *Tick Biologist/Microbiologist*. Applications for a faculty nontenure track Research Scientist position are invited. Candidate must have Ph.D. or equivalent degree in a biological science, tick research experience, computer applications experience, extensive knowledge of taxa of medically important arthropods or tick transmitted microorganisms and general knowledge of entomology, acarology, parasitology and microbiology. Experience in molecular biology or ecology is highly desirable. Duties include conducting and publishing original research on ticks/microorganisms and obtaining external grant support. Salary competitive depending upon qualifications. Send letter of application, names of five references, and curriculum vitae to: J. H. Oliver, Jr., Director, IAP, Georgia Southern University, P.O. Box 8056, Statesboro, GA 30460-8056. Applications must be received by September 30 for screening in the initial applicant pool, but we will continue to accept applications until the position is filled. Screening of applications begin **October 1, 2003**. The position begins January 1, 2004, or ASAP. See <http://www.bio.gasou.edu/IAP> for additional information. Georgia is an Open Records state and Georgia Southern is an Affirmative Action, Equal Opportunity Institution. Individuals who need reasonable accommodations under the ADA in order to participate in the search process should contact the Director.

Virginia Project HOPE, *Project Manager, Village Health Bank* Project Hope is one of the oldest and most respected international, non-profit health education organizations in the U.S., and is currently seeking qualified candidates for position of Program Manager to monitor and oversee the activities of the Village Health Bank programs in multiple countries and contribute to the development of field partners to operate successfully. The successful candidate will provide program management, financial and administrative support; maintain close communication with field and HQ staff, partners/donors to plan, implement, and evaluate program activities. S/he will contribute to the develop-

ment of tools and instruments that improve quality and efficiency of activities, participate in planning of strategic directions, priority work needs, and operation of programs, review and prepare performance reports such as work plans, financial projections and budgets, loan portfolio reports, health education results, quarterly reports of activities, and comprehensive annual reports, provide analysis of on-going project, loan portfolio, and budget performance, and conduct monitoring visits to international locations approximately 25% of time. S/he will also contribute to fund raising efforts such as identifying potential partners and donors, preparing concept papers, and completing grant applications. Requires BS/BA in public health, business, international development or related field, minimum 3 years experience in international project management including program planning, review of activities, and preparation of external reports, previous experience and familiarity with micro-credit activities, financial management and accounting practices, experience in preparing proposals, grant applications, concept papers, and other fund raising efforts. English fluency required, Spanish language skills desired. International travel required. **For consideration:** Complete the [online application form](#) including a cover letter, with salary history and current resume. Cover letter and resume may also be sent via email to recruit@projecthope.org or by mail to Project HOPE; Recruitment; 255 Carter Hall Lane; Millwood, VA, 22646; 540-837-2100; Fax: 540-837-9052. EOE M/F/D/V

CALENDAR

“Biofilms” American Society of Microbiology (ASM) Conference (Victoria, British Columbia, Canada: November 1-6, 2003). Contact: ASM Conferences, 1752 N Street, NW, Washington, DC 20036. Phone: 202/942-9261; Fax: 202/942-9340; E-mail: conferences@asmusa.org; Internet: <http://www.asmusa.org/mtgssrc/conferences.htm>.

CXXXI American Public Health Association (APHA) Annual Meeting (San Francisco: November 16-20, 2003). Contact: Coordinator, APHA Annual Meeting, APHA, 800 I Street, NW, Washington, DC 20001. Phone: 202/777-2477; Fax: 202/777-2530; E-mail: donna.wright@apha.org; Internet: <http://www.apha.org>.

VII International Congress on “AIDS in Asia and the Pacific” (ICAAP7) (Kobe, Japan: November 27-December 1, 2003). Contact: 7th ICAAP Secretariat, c/o Convention Linkage, Inc., Edobori-KN Building, 1-25-29 Edobori, Nishi-ku, Osaka 550-0002, Japan. Phone: (81-6)-6225-2077; Fax: (81-6)-6225-2079; E-mail:

icaap7@secretariat.ne.jp.

IV Seminar on “Food- and Water-Borne Parasitic Zoonoses” (Bangkok: December 2-4, 2002). Contact: Dean, Faculty of Tropical Medicine, Mahidol University, 420/6 Rajvithi Road, Bangkok 10400, Thailand. Phone: (66-2)—246-9000; Fax: (66-2)-246-9013; E-mail: deamtm@mahidol.ac.th; Internet: <http://www.tm.mahidol.ac.th>.

VIII World STI/AIDS Congress/XIV Panamerican STI/AIDS Contress (Punta del Este, Uruguay: December 2-5, 2003). Contact: Local Secretariat, STI-AIDS 2003, c/o Congresos & Reuniones. Cerrito 307, Montevideo CP 11000, Uruguay. Phone: (598-2)-916-0900; Fax: (598-2)-916-8902; E-mail: stiaids@rohresa.com; Internet: <http://www.congresos-rohr.com>.

LII American Society of Tropical Medicine and Hygiene (ASTMH) Annual Meeting (Philadelphia: December 3-7, 2002). Contact: ASTMH Secretariat,

American Society of Microbiology (ASM) Conference on “DNA Repair and Mutagenesis” (Southampton, Bermuda: December 7-13, 2003). Contact: ASM Conferences, 1752 N Street, NW, Washington, DC 20036. Phone: 202/942-9261; Fax: 202/942-9340; E-mail: conferences@asmusa.org; Internet: <http://www.asmusa.org/mtgssrc/conferences.htm>.

2004

Molecular Approaches To Malaria Conference (February 1-5, Lorne, Victoria, Australia) Contact: <http://www.mam2004.org/>

Centenary Symposium to Celebrate the Discovery of Schistosoma japonicum (Kurume-city, Japan: March 3, 2004) Sponsored by the Japanese Society of Parasitology, Japan International Cooperation Agency, and the Japan International Cooperation of Welfare Services. For additional information contact: N.Ohta (Nagoya City University, School of Medicine, Nagoya) 1 Kawasumi, Mizuhomachi, Mizuhoku, Nagoya city, 467-8601, Tel.: +81-52-853-8186, Fax: +81-52-842-0149; e-mail: nohta@med.nagoya-cu.ac.jp

XI International Conference on “Infectious Diseases” (Cancun, Mexico: March 4-7, 2004). Contact: International Society for Infectious Diseases (ISID), 181 Longwood Avenue, Boston, MA 02115. Phone: 617/277-0551; Fax: 617/731-1541; E-mail: info@isid.org; Internet: <http://www.isid.org>.

XIII International Symposium on “HIV and Emerg-

ing Infectious Diseases” (Toulon: June 3-5, 2004). Contact: Alain Lefeuvre, AVPS, Department of Infectious Diseases, Chalucet Hospital, 83000 Toulon, France. Phone: (33-4)-9422-7740; Fax: (33-4)-9492-6747; E-mail: hiv2003@club-internet.fr; Internet: <http://www.avps.org>.

XIV European Congress of “Clinical Microbiology and Infectious Diseases (ECCMID)” (Prague: May 1-4, 2004). Contact: 14th ECCMID 2004, ESCMID Executive Office, P.O. Box 6, CH-4005 Basel, Switzerland. Phone: (41-61)-686-7799; Fax: (41-61)-686-7798; E-mail: info@escmid.org; Internet: <http://www.escmid.org>.

CXXXII American Public Health Association (APHA) Annual Meeting (Washington, DC: November 7-11, 2004). Contact: Coordinator, APHA Annual Meeting, APHA, 800 I Street, NW, Washington, DC 20001. Phone: 202/777-2477; Fax: 202/777-2530; E-mail: donna.wright@apha.org; Internet: <http://www.apha.org>.

2005

CXXXIII American Public Health Association (APHA) Annual Meeting (New Orleans: November 6-10, 2005). Contact: Coordinator, APHA Annual Meeting, APHA, 800 I Street, NW, Washington, DC 20001.



American Society of Tropical Medicine and Hygiene
60 Revere Dr., Suite 500
Northbrook, IL 60062
www.astmh.org

Phone: 202/777-2477; Fax: 202/777-2530; E-mail: donna.wright@apha.org; Internet: <http://www.apha.org>.

2006

XI International Congress of Parasitology (ICOPA) (Glasgow: August 2006). Host: British Society of Parasitology. Contact: Dr. D. Rollinson, Natural History Museum, Cromwell Road, London SW7 5BD, UK. Phone: (44-20)-7492-5181; Fax: (44-20)-7942-5518; E-mail: d.rollinson@nhm.ac.uk.

CXXXIV American Public Health Association (APHA) Annual Meeting (Boston: November 12-16, 2006). Contact: Coordinator, APHA Annual Meeting, APHA, 800 I Street, NW, Washington, DC 20001. Phone: 202/777-2477; Fax: 202/777-2530; E-mail: donna.wright@apha.org; Internet: <http://www.apha.org>.

2007

CXXXV American Public Health Association (APHA) Annual Meeting (Washington, DC: November 4-8, 2007). Contact: Coordinator, APHA Annual Meeting, APHA, 800 I Street, NW, Washington, DC 20001. Phone: 202/777-2477; Fax: 202/777-2530; E-mail: donna.wright@apha.org; Internet: <http://www.apha.org>.

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