CELEBRATING BLACK HISTORY MONTH

The Committee on Microbiological Issues Impacting Minorities salutes Dr. William G. Coleman Jr. for his many years of outstanding contributions to the field of microbiology

ASM ACTIVITIES

- ASMCUE 2013: Register Today!
- Biodefense and Emerging Diseases Research Meeting
- asm2013 - Save the Date!
- ICAAC® 2013 – Submit Your Abstract Today!
- ASM Conferences
- Cubist-ICAAC Award and the ICAAC Young Investigator Awards
- ASM PRESS: Must-Have Titles!

FEDERAL AGENCY ACTIVITIES

- Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE, NSF 13-518)
- Promoting Research and Innovation in Methodologies for Evaluation (PRIME, NSF 13-515)
- NIMHD Minority Health and Health Disparities International Research Training (T37, RFA-MD-13-002)
- Autoimmunity Centers of Excellence, Basic Research Program (U19, RFA-AI-12-060)
- NIH Summer Research Experience Programs (R25, PAR-13-104)
- NOAA Educational Partnership Program (EPP) Undergraduate Scholarship Program (USP)

ARTICLES OF INTEREST AND OTHER UPDATES

- National Institutes of Health/NIAID Job Opportunity: Director, Vaccine Research Center
- Postdoc fellowships available at University of Michigan
- Doctoral Research Assistantship at Michigan State University
- Research Experiences for Undergraduates (REU) opportunity at Louisiana State University
- Associate Scientist I/II Position Open at MedImmune
- Science Liaison Position Available
- NIAID Vaccine Research Center Director Position Available
- Ph.D. Assistantship at Louisiana State University Available
CELEBRATING BLACK HISTORY MONTH

The Committee on Microbiological Issues Impacting Minorities salutes Dr. William G. Coleman Jr. for his many years of outstanding contributions to the field of microbiology.

William G. Coleman, Jr., Ph.D., served as the first permanent scientific director of the National Institute on Minority Health and Health Disparities (NIMHD) and the first African-American scientific director in the history of the National Institutes of Health (NIH) Intramural Research Program. As scientific director, Dr. Coleman directs the overall portfolio of trans-disciplinary research conducted by the NIMHD through the Health Disparities Intramural Research Program. The NIMHD is a part of the NIH that promotes minority health, conducts and supports research, training, research infrastructure, fosters emerging programs, disseminates information, and conducts outreach to minority and other health disparity communities.

Originally from Birmingham, AL, Dr. Coleman received his B.S. from Talladega College, his M.S. in microbial physiology from Atlanta University, and his Ph.D. in microbiology and molecular genetics from Purdue University. He then went on to serve as a lecturer at Purdue University in West Lafayette, IN and a biology teacher in Atlanta, GA prior to joining the NIH. Dr. Coleman has enjoyed a long career as a scientist in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) Intramural Research Program and has held a number of positions within NIDDK. His most recent research focused on understanding the mechanisms of bacterial pathogenesis and antibiotic resistance of gram-negative bacteria, notably Helicobacter pylori and Escherichia coli, specifically as they relate to ulcer disease and other bacterial infections. He has authored or co-authored nearly 30 peer-reviewed journal articles and other publications. In 2005, Dr. Coleman received the Dr. Philip J. Browning Scientific Pioneer Award.

ASM ACTIVITIES

ASMCUE 2013: Register Today!

The ASM Conference for Undergraduate Educators (ASMCUE) will celebrate its 20th anniversary and efforts toward “Vision, Change and Leadership” when the annual event takes place on 16-19 May 2013 at the Inverness Hotel and Conference Center in Englewood, Colorado. Many have already signed up for the dynamic speaker lineup, poster presentations in biology education research, numerous opportunities for networking, and packed roster of vendors and events. Register today to access these (and more) sessions designed to highlight collaboration, best-practice strategies, and updates.

- A Walk Down Memory Lane: 20+ Years of Progress. Attend this poster session and reception to celebrate and reminisce about more than 20 years of ASM faculty development programs. Meet the visionaries who made it all happen AND tell us how our NEXT 20 years should look!

- ASM-Recommended Guidelines Session. Attend this session to share and identify resources and activities that support students, classrooms and courses in making the most of two ASM documents for biology educators --- one on curriculum guidelines and another on biosafety guidelines.

- Leaders Inspiring Networks and Knowledge (LINK) Sessions. What are the best ways to promote and sustain high-quality undergraduate research, education and mentoring? Look for “LINK” sessions at ASMCUE to join in and figure it out.

- “Microbiology Behind the News” Events. These sessions will focus on two topics from the American Academy of Microbiology’s popular FAQ series. Reports from the series take a lay approach to explaining news topics involving microbes and make great textbook supplements.
SciCaseNet Preconference Workshop. On May 16, just prior to ASMCUE, the Science Case Network (NSF RCN-UBE grant #1062049) will host a workshop on case- and problem-based learning. Learn more at http://sciencecasenet.org/scn-networking-conference-2013/.

“Microbes Are FUN” 5K Run. Celebrate the ASMCUE anniversary in a healthy way by joining a 5K run! Enjoy the Colorado outdoors and share your love of microbes with fellow running enthusiasts.

At ASMCUE, expect to be inspired and challenged to exchange ideas and grow in remarkable new ways. Register now for the discounted rate (available until March 15), and make sure to sign up for the joint program with the nearby ASM General Meeting (asm2013) in Denver. ASMCUE attendees receive two special benefits: a “field trip” to the asm2013 opening keynote session and reception on May 18 and a complimentary one-day registration pass for asm2013 sessions on May 19. Learn more at http://www.asmcue.org.

Biodefense and Emerging Diseases Research Meeting

February 25-27, 2013 | Marriott Wardman Park Hotel | Washington, DC

Leading scientists, public health researchers, and policy makers will gather to learn about the latest advancements in the biodefense and emerging disease fields. Through state-of-the-art presentations attendees will gain a greater appreciation of how various research projects are progressing, the latest threats, and the actions that will need to be taken in today’s volatile climate.

http://www.asmbiodefense.org

asm2013 - Save the Date!

113th General Meeting | May 18 - 21, 2013 | Denver, Colorado

Join more than 9,000 microbiologists from 72 countries in Denver, Colorado to experience the Breadth, Vision, Impact of asm2013. From presentations by the field’s most notable speakers, to tomorrow’s future leaders, asm2013 includes diverse perspectives and in-depth discussions on the current state and future direction of microbiology.

Important Dates
Late-Breaker Abstract Submission Opens – February 4, 2013
Abstract Withdrawal Deadline – March 6, 2013
Advance Registration Closes – April 1, 2013
Housing Reservation Deadline – April 15, 2013

http://www.asm.org/asm2013

ICAAC® 2013 – Submit Your Abstract Today!

September 10-13, 2013 | Denver, Colorado

ICAAC, the premier conference on antimicrobial agents and infectious diseases, showcases the latest-breaking science and lectures from top researchers from around the world. With over 60% of its attendees living outside of the United States, ICAAC provides a rare opportunity to bring together the field’s foremost leaders to discuss the state of infection control and prevention on a global scale.

Through oral and poster presentations, 10,000 physicians, clinical microbiologists, researchers, and pharmacists will come together to share their research, discover the latest breakthroughs, and work towards fostering global solutions to the problems of infectious diseases and antimicrobial agents.

Important Dates
Attendee Registration Open for Premium Members – February 25, 2013
General Attendee Registration Opens – March 4, 2013
Abstract Submission Deadline – April 22, 2013
Travel Grant Application Deadline – May 31, 2013

http://www.icaac.org

ASM Conferences
3rd ASMET - The ASM Emerging Technologies Conference
June 25 – 28, 2013 | Izmir, Turkey

4th ASM Conference on Salmonella: The Bacterium, the Host and the Environment
October 5 – 9, 2013 | Boston, Massachusetts

3rd ASM-ESCMID Conference on Methicillin-resistant Staphylococci in Animals: Veterinary and
Public Health Implications
November 4 - 7, 2013 | Copenhagen, Denmark

http://conferences.asm.org/

Cubist-ICAAC Award and the ICAAC Young Investigator Awards
ASM is now accepting nominations for the Cubist-ICAAC Award and the ICAAC Young Investigator Awards, which will be presented at the 2013 Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC).

The Cubist-ICAAC Award honors outstanding accomplishment in antimicrobial research. Nominees must be actively engaged in research involving development of new agents, investigation of antimicrobial action or resistance to antimicrobial agents, and/or the pharmacology, toxicology or clinical use of those agents. The nominee must not have served on the ICAAC Program Committee within the past two years.

The ICAAC Young Investigator Awards recognize and reward early career scientists for research excellence and potential in microbiology and infectious disease. Nominees must be no more than three years beyond completion of postdoctoral research training in microbiology or infectious diseases at the time of the nomination deadline. Up to five awards may be presented each year. One of the awards is earmarked for a researcher working in the area of HIV who resides and works in North America.

Award website: http://www.asm.org/awards
Deadline: April 1, 2013

ASM PRESS: Must-Have Titles!
Molecular Microbiology: Diagnostic Principles and Practice, Second Edition
Editor in Chief: David H. Persing, Cepheid

A must-have if: You work in a diagnostic laboratory that provides molecular tests for infectious agents.

Key Components:

- Presents the latest basic scientific theory underlying molecular diagnostics
- Offers tested and proven applications of molecular diagnostics for the diagnosis of infectious diseases
- Illustrates and summarizes key concepts and techniques with detailed figures and tables
- Advises on the latest quality control and quality assurance measures
- Explores emerging technologies, including the use of molecular typing methods for real-time tracking of infectious outbreaks

List Price: $189.95
**Member Price:** $151.95


**The Picornaviruses**

Editors: Ellie Ehrenfeld, National Institute of Allergy and Infectious Diseases, National Institutes of Health; Esteban Domingo, Centro de Biología Molecular Severo Ochoa (CSIC-UAM), Universidad Autónoma de Madrid; Raymond Roos, Department of Neurology, University of Chicago

A must-have if: You’re a student, research scientist, or medical practitioner who needs a comprehensive book that covers all aspects of the large picornavirus family.

**Key Components:**

- Discusses new and recently discovered picornavirus genera
- Presents new data regarding molecular mechanisms of virus replication
- Develops models for viral hijacking of cellular components during infection
- Reviews the impact of polymerase fidelity and quasispecies dynamics in the behavior of picornaviruses
- Describes new developments surrounding innate immune responses to picornavirus infections

**List Price:** $229.95
**Member Price:** $183.95


**Bacteriophages in the Control of Food- and Waterborne Pathogens**

Editors: Parviz M. Sabour, Guelph Food Research Centre, Research Branch, Agriculture & Agri-Food Canada, Guelph, Ontario, Canada, and Mansel W. Griffiths, Canadian Research Institute for Food Safety Department of Food Science, University of Guelph, Guelph, Ontario, Canada

A must-have if: You are an agricultural or public health scientist or work in the pharmaceutical industry.

**Key Components:**

- Provides a unique comprehensive review of the literature on the use of bacteriophages in food production and processing
- Offers chapters written by internationally recognized experts in the field
- Sets forth effective applications of bacteriophages in food production and food processing
- Examines the global environment, safety, and regulatory issues
- Addresses the potential negative impact of bacteriophages on food and water supplies

**List Price:** $149.95
**Member Price:** $119.95

To purchase *Bacteriophages in the Control of Food- and Waterborne Pathogens*, visit our e-store at [http://estore.asm.org/viewItemDetails.asp?ItemID=913](http://estore.asm.org/viewItemDetails.asp?ItemID=913).

Find all of these titles and many more at [estore.asm.org/press](http://estore.asm.org/press).
FEDERAL AGENCY ACTIVITIES

Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE, NSF 13-518)
The INSPIRE awards program was established to address some of the most complicated and pressing scientific problems that lie at the intersection of traditional disciplines. It is intended to encourage investigators to submit bold, exceptional proposals that some may consider to be at a disadvantage in a standard NSF review process; it is not intended for proposals that are more appropriate for existing award mechanisms. INSPIRE is open to interdisciplinary proposals on any NSF-supported topic, submitted by invitation only after a preliminary inquiry process initiated by submission of a required Letter of Intent. In fiscal year 2013, INSPIRE provides support through the following three pilot grant mechanisms: INSPIRE Track 1. This is essentially a continuation of the pilot CREATIV mechanism from FY 2012, which was detailed for 2012 in Dear Colleague Letter NSF 12-011. INSPIRE Track 2. These are "mid-scale" research awards at a larger scale than Track 1, allowing for requests of up to $3,000,000 over a duration of up to five years. Expectations for cross-cutting advances and for broader impacts are greater than in Track 1, and the review process includes external review. Director's INSPIRE Awards. These are prestigious individual awards to single-investigator proposals that present ideas for interdisciplinary advances with unusually strong, exciting transformative potential. Letters of intent are due February 20, 2013, and more information is available at http://nsf.gov/pubs/2013/nsf13518/nsf13518.htm.

Promoting Research and Innovation in Methodologies for Evaluation (PRIME, NSF 13-515)
The Promoting Research and Innovation in Methodologies for Evaluation (PRIME) program seeks to support research on evaluation with special emphasis on exploring innovative approaches for determining the impacts and usefulness of STEM education projects and programs; building on and expanding the theoretical foundations for evaluating STEM education and workforce development initiatives, including translating and adapting approaches from other fields; and growing the capacity and infrastructure of the evaluation field. Two types of proposals will be supported by the program: Exploratory Projects that include proof-of-concept and feasibility studies and more extensive Full-Scale Projects. Proposals are due February 20, 2013, and more information is available at http://nsf.gov/pubs/2013/nsf13515/nsf13515.htm.

NIMHD Minority Health and Health Disparities International Research Training (T37, RFA-MD-13-002)
The National Institute on Minority Health and Health Disparities (NIMHD) invites applications for the Minority Health and Health Disparities International Research Training (MHIRT) awards. These awards will support programs to offer international research training opportunities at a foreign site to qualified undergraduate, post-baccalaureates or graduate students in the life, physical, or social sciences; or medical students, dental students, or students in other health-professional programs who have not yet received terminal degrees who are from groups underrepresented in biomedical, behavioral, clinical and social sciences research. Letters of intent are due February 20, 2013, and more information is available at http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-13-002.html.

Autoimmunity Centers of Excellence, Basic Research Program (U19, RFA-AI-12-060)
This FOA solicits applications to participate in the Autoimmunity Centers of Excellence (ACE) program, a cooperative network intended to improve the understanding and treatment of autoimmune diseases (www.autoimmunitycenters.org). The ACE program was founded on the premise that collaboration among basic and clinical scientists can accelerate both fundamental and applied research. For this reissued FOA, the formerly integrated Centers are divided into Basic and Clinical research programs. This FOA solicits applications for the Basic research program; a companion FOA solicits applications for the Clinical research program. The members of the Basic and Clinical ACE will work together to design...

**NIH Summer Research Experience Programs (R25, PAR-13-104)**
The purpose of the NIH Summer Research Experience Program (referred to as the “Summer Research Program”) is to provide a high quality research experience for high school and college students and for science teachers during the summer academic break. The NIH expects that such programs will: help attract young students to careers in science; provide opportunities for college students to gain valuable research experience to help prepare them for graduate school; and enhance the skills of science teachers and enable them to more effectively communicate the nature of the scientific process to their students. The programs would also contribute to enhancing overall science literacy. Summer Research Programs that expand and complement existing summer educational and training programs are encouraged. Note: Not all participating Institutes and Centers (ICs) support all aspects of this program. Therefore, prospective applicants must consult the Table of IC-Specific Information, Requirements and Staff Contacts in this announcement to determine if your application will be accepted for review, and should contact staff at the relevant IC (see also Section VII) to discuss the proposed Program. Applications are due April 2, 2013, and more information is available at http://grants.nih.gov/grants/guide/pa-files/PAR-13-104.html.

**NOAA Educational Partnership Program (EPP) Undergraduate Scholarship Program (USP)**
The Undergraduate Scholarship Program provides an opportunity for rising junior students to study disciplines relating to the NOAA's mission. Students attending Minority Serving Institutions (Hispanic Serving Institutions, Historically Black Colleges and Universities, Tribal Colleges and Universities, Alaskan-Native Serving Institutions, and Native Hawaiian Serving Institutions) receive appointments to approved NOAA offices and sites upon acceptance to the program. Deadline is February 15, 2013, and more information is available at http://www.epp.noaa.gov/ssp_undergrad_page.html.

---

**ARTICLES OF INTEREST AND OTHER UPDATES**

**National Institutes of Health/NIAID Job Opportunity: Director, Vaccine Research Center**
The National Institute of Allergy and Infectious Diseases (NIAID), one of the largest Institutes of the National Institutes of Health (NIH), is seeking an exceptional and visionary leader for the position of director of the Dale and Betty Bumpers Vaccine Research Center (VRC). NIAID supports and conducts basic, applied, and clinical research to better understand, treat, and prevent infectious, immunologic, and allergic diseases.

VRC’s mission is to conduct research that facilitates the development of effective vaccines for human disease. VRC’s primary focus is an effective vaccine against HIV. In addition, VRC also carries out basic, translational, and clinical research to develop vaccine candidates for biodefense and emerging and re-emerging infectious diseases. To carry out its mission, VRC evaluates and seeks to optimize immune responses generated by candidate vaccines and advances the most promising candidates into clinical trials. To conduct clinical trials, VRC has established the infrastructure to produce vaccine products using good manufacturing practices and to manage regulatory issues related to clinical studies.

The VRC director reports to the NIAID director and provides overall executive direction and scientific leadership for VRC’s basic, clinical, and translational research activities. He or she also serves as a principal advisor to the NIAID director on vaccines and related biomedical research affairs. In addition, he or she serves as an expert consultant and advisor both nationally and internationally on the development of novel vaccine strategies against HIV and other biodefense and emerging and re-emerging infectious diseases, such as influenza, Ebola/Marburg, West Nile virus, severe acute respiratory syndrome (SARS), alphaviruses like Chikungunya, and the Western/Eastern/Venezuelan class of encephalitides.
VRC seeks exceptional candidates for the director position.

Key responsibilities of the VRC director position include developing, directing, and coordinating VRC’s new and existing basic, translational, and clinical research programs; overseeing program operations, including technology transfer and licensing, program planning and evaluation, and financial and administrative management; determining the effectiveness of current VRC research; recommending or developing new or revised programs to meet national medical health needs; allocating VRC human, physical, and financial resources; developing and recommending policies for the execution of multidisciplinary research; and representing NIAID intramural interests at the NIH Board of Scientific Directors meetings and on other NIH committees.

Qualifications
Applicants must have an M.D., Ph.D., or equivalent degree, be a U.S. citizen, and exhibit exceptional demonstrated leadership ability managing complex basic, translational and clinical research programs encompassing cutting edge frontiers of virology, immunology, genetic bio-engineering, structural and molecular biology, and laboratory animal medicine. The successful candidate will possess the training and experience to lead complex, multidisciplinary, and collaborative activities required to develop effective HIV and biodefense vaccines.

Candidates must have a detailed understanding of the pathogenesis of and immune response to HIV and other infectious diseases; of the strategies and principles involved in the creation of novel vaccine vectors and immunogens; and of new vaccination approaches.

Application
Salary is commensurate with experience, and a full package of benefits is available, including retirement, health and life insurance, long-term care insurance, leave, and savings plan (401K equivalent). The selected candidate must obtain and maintain a Top Secret security clearance based on an SBI with eligibility for sensitive compartmented information (SCI). Provide curriculum vitae, bibliography, and a detailed statement (no more than one page) describing your fundamental vision for stimulating successful and productive multidisciplinary research, from basic immunology and virology through vaccine design and production, and conduct of clinical trials to NIAID-VRCDir-Apply@niaid.nih.gov. Electronic applications are preferred; however, you may submit paper applications to NIAID-VRCDir-Apply, NIAID Office of Workforce Effectiveness and Resources, 10401 Fernwood Road, Room 2SE57, Bethesda, MD, 20892-2520.

Contact NIAID-VRCDir-Apply@niaid.nih.gov with questions or for more information about the position.

The application review process will begin April 1, 2013. All information provided by applicants will remain confidential and will be reviewed only by authorized NIAID officials.

Visit Careers at NIAID to learn more about NIAID and how you can play a role in this exciting and dynamic research organization.

HHS, NIH, and NIAID are equal opportunity employers.

Postdoc Fellowships Available at University of Michigan
Departments of Ecology & Evolutionary Biology and Mathematics and Center for the Study of Complex Systems, University of Michigan, Ann Arbor, USA Applications are invited for two postdoctoral research fellowships in the immunity, epidemiology and evolution of pertussis (whooping cough). These posts are part of a long – term NIH – funded project supervised by Pej Rohani and Aaron King. Successful applicants will develop mathematical and computational transmission models and confront them with longitudinal incidence data using cutting - edge statistical inference techniques. The ideal candidate has a PhD in statistics, applied mathematics, applied physics, other highly quantitative field and previous experience in the analysis of epidemiological or ecological systems. Initial appointments will be for one
year, with possible renewal depending on progress. The salary will be in the range of $37,000 - 42,000 per year (depending on experience), plus fringe benefits. Starting date is negotiable. The University of Michigan is a vibrant scientific community and the successful applicants will be afforded many opportunities for professional development. Ann Arbor offers a rich cultural and intellectual life in a very livable small city setting. For further information, contact Pej Rohani (e-mail: rohani@umich.edu) and Aaron King (kingaa@umich.edu). Applicants should send a cover letter, a detailed CV, a brief statement of research interests, and the names of three references. The cover letter should discuss possible starting dates. Review of applications will start immediately and will continue until the posts have been filled.

**Doctoral Research Assistantship at Michigan State University**

The Department of Fisheries and Wildlife at Michigan State University invites applications for a doctoral research assistantship to investigate the dynamics of white-tailed deer in response to eruptions of epizootic hemorrhagic disease (EHD). Deer populations in Michigan suffered heavy losses in 2012. This study will explore the response of the populations and the implications of spatial arrangement of deer social groups to the management of deer after heavy mortality to EHD. The work will be done in partnership with the Michigan Department of Natural Resources. Qualifications: Applicants must have an MS degree in biology, wildlife, ecology, forestry or related field. Academic requirements include strong GRE scores and GPA.

**NSF-Funded Research Experiences for Undergraduates (REU) Opportunity at Louisiana State University**

The LSU Department of Environmental Sciences seeks applications for one Research Experiences for Undergraduates (REU) position. The undergraduate student will spend 40 hours per week for 8 weeks in the summer of 2013 conducting research in a chemical oceanography laboratory and/or in a microbiology laboratory. The research will include microbiological analyses of environmental samples, molecular analysis of microbes and microbial communities in response to changing environmental parameters such as exposure to Deepwater Horizon oil, analyses of pigments and nutrients in water samples collected from the Louisiana coast, field collection of samples in Port Fourchon, LA and in Grand Isle, LA, analysis of phytoplankton and zooplankton, use of remote sensing for ground-truthing data, and other topics of interest. The student will be expected to maintain a laboratory notebook and participate in weekly lab meetings. At the end of the 8 weeks, the student will present his/her findings in a 30-minute presentation and in the form of a scientific manuscript. The student must be mature, responsible, capable of working independently, and have a decent background in general biology and general chemistry. Additional skills and knowledge are a plus. The student will be conducting research in the laboratories of Dr. Crystal N. Johnson (http://www.environmental.lsu.edu/johnson.shtml) and/or Dr. Ed Laws (http://www.environmental.lsu.edu/edlaws.shtml). The student will receive a stipend of $4,500, contingent upon successful completion of the REU program. Successful completion of the REU program entails maintenance of laboratory notebooks, presentation of results at weekly lab meetings, substantial progress towards their projects, and the final manuscript and PowerPoint presentations. The student will receive free on-campus housing for 8 weeks. A modest budget will also be provided for relocation to Baton Rouge. Rising freshman are eligible, but recent graduates are not (i.e., participant must be a college student during the REU). The student will be selected based on high school and/or undergraduate grade point averages (minimum 3.0), letters of recommendation from three educators, an essay demonstrating his/her interest in science, and interviews for semi-finalists. Please submit the following application materials to Dr. Crystal N. Johnson (cnjohnson@lsu.edu): 1 transcript, 3 letters, and 1 essay. Application deadline is April 30, 2013.

**Associate Scientist I/II Position Open at MedImmune**

As a member of the Infectious Diseases Group this candidate will evaluate the ability of antibodies to attenuate viral disease. Specifically the candidate will evaluate monoclonal antibodies in both in vitro and in vivo models of viral infection. The candidate will be proficient in the evaluation of viral propagation by various methods, as well as, evaluate the humoral and cellular immunological responses to viral infection.

**Major Duties and Responsibilities:**

- Propagate viruses in cell culture and evaluate their growth characteristics in vitro and in vivo.
· Evaluate the susceptibility of viruses, including clinical isolates, to lead monoclonal antibodies.
· Evaluate immunological responses to viral infection by various means such as multi-color flow cytometry, ELISpot, MSD, and ELISA.
· In collaboration with project teams, identify and rank potential candidate drugs
· Experience in molecular biology and production of recombinant viruses a plus.
· Work regularly in the lab with other scientists in the group.

Position requires:
- Experience in viral propagation and growth evaluation both in vivo and in vitro.
- Knowledge of various platforms to evaluate immunological responses to viral infection such as multi-color flow cytometry, ELISpot, MSD and ELISA.
- Demonstrated ability to effectively work in teams, both departmental and cross-functional.

Education:
- Degree in virology, immunology, or other related field.
- Relevant experience in industry (preferred) or academia: M.S. 2-8 years; B.S. 5-10 years

Science Liaison Position Available
The American Association of Immunologists (AAI), a professional biomedical research association, seeks a scientist to assist with activities including writing assignments and assisting in the peer-review and editorial process for a major scientific journal. Full-time position. Advanced degree (Ph.D., or related) in biological sciences with a comprehensive understanding of immunology required. Minimally 3 years post-doctoral experience, and research and publications in immunology required. Must have excellent, demonstrated writing skills in both science and general writing. Some travel required. Competitive salary, outstanding benefits, and free parking. Send cover letter, resume, writing sample (other than a journal article), and salary history to: FASEB, Human Resources, 9650 Rockville Pike, Bethesda, MD 20814 or e-mail: resumes@faseb.org. Applications sent directly to AAI will not be accepted. EOE. http://www.aai.org

NIAID Vaccine Research Center Director Position Available
The National Institute of Allergy and Infectious Diseases (NIAID) is seeking a director for the Dale and Betty Bumpers Vaccine Research Center (VRC). Key responsibilities of the VRC director position include developing, directing, and coordinating VRC’s new and existing basic, translational, and clinical research programs; overseeing program operations, including technology transfer and licensing, program planning and evaluation, and financial and administrative management; determining the effectiveness of current VRC research; recommending or developing new or revised programs to meet national medical health needs; allocating VRC human, physical, and financial resources; developing and recommending policies for the execution of multidisciplinary research; and representing NIAID intramural interests at the NIH Board of Scientific Directors meetings and on other NIH committees.

Qualifications: Applicants must have an M.D., Ph.D., or equivalent degree, be a U.S. citizen, and exhibit exceptional demonstrated leadership ability managing complex basic, translational and clinical research programs encompassing cutting edge frontiers of virology, immunology, genetic bio-engineering, structural and molecular biology, and laboratory animal medicine. The successful candidate will possess the training and experience to lead complex, multidisciplinary, and collaborative activities required to develop effective HIV and biodefense vaccines. Candidates must have a detailed understanding of the pathogenesis of and immune response to HIV and other infectious diseases; of the strategies and principals involved in the creation of novel vaccine vectors and immunogens; and of new vaccination approaches.

Application: Salary is commensurate with experience, and a full package of benefits is available, including retirement, health and life insurance, long-term care insurance, leave, and savings plan (401K equivalent). The selected candidate must obtain and maintain a Top Secret security clearance based on an SBI with eligibility for sensitive compartmented information (SCI). Provide curriculum vitae, bibliography, and a detailed statement (no more than one page) describing your fundamental vision for
stimulating successful and productive multidisciplinary research, from basic immunology and virology through vaccine design and production, and conduct of clinical trials to NIAID-VRCDir-Apply@niaid.nih.gov. Electronic applications are preferred; however, you may submit paper applications to NIAID-VRCDir-Apply, NIAID Office of Workforce Effectiveness and Resources, 10401 Fernwood Road, Room 2SE57, Bethesda, MD, 20892-2520. Contact NIAID-VRCDir-Apply@niaid.nih.gov with questions or for more information about the position. The application review process will begin April 1, 2013. All information provided by applicants will remain confidential and will be reviewed only by authorized NIAID officials. HHS, NIH, and NIAID are equal opportunity employers.

Ph.D. Assistantship at Louisiana State University Available
A graduate research assistantship ($25,000/year for up to 4 years + in-state travel mileage, tuition waiver & student insurance supplement) is available to a qualified doctoral candidate to join the Sea Grant Oyster Hatchery team addressing the commercialization of triploid oyster production and the development of tetraploid oyster broodstock in Louisiana. After initial application, the candidate must be accepted and enrolled into the LSU Graduate School and the School of Renewable Natural Resources prior to receiving the assistantship, remain in good academic standing, and make satisfactory progress toward a PhD degree, as determined by appropriate LSU faculty. A 3.5 overall and semester GPA must be maintained.

Previous experience in oyster aquaculture is preferred, but not required. The candidate will be responsible for their research program with an emphasis in economic development and assist in the operation and maintenance of oyster hatchery, nursery, and grow-out systems in Grand Isle during hatchery season (April-September). Specific responsibilities include: Assist research team with the development of tetraploid broodstock, commercialization of triploid oyster culture, training oyster farmers, and conducting enterprise budgets on new and existing oyster nursery and grow-out operations; work weekends during hatchery season (typically April-September) as well as weekdays during the summer semester at the hatchery, as necessary; maintain a personal vehicle in good working order to travel from Baton Rouge to Grand Isle & return when necessary (travel fund allotment); help prepare interim and final project reports; and participate in educational activities, meetings, conferences.

Interested applicants should initially submit via email a curriculum vita, including work experience & references, GRE scores and transcript copies to Dr. John Supan, Associate Research Professor, Louisiana Sea Grant College Program, LSU (jsupan@lsu.edu) by March 15, 2013. Final selection will depend on academic acceptance and enrollment into the LSU Graduate School and the School of Renewable Natural Resources. LSU is an equal opportunity/equal access employer.

In July 2006, the Committee on Microbiological Issues Impacting Minorities (CMIIM) of the American Society for Microbiology Public and Scientific Affairs Board developed a monthly e-newsletter which contains information pertinent to minority microbiologists. Currently, there are very few minority-based newsletters for scientists, and there are none for microbiologists.

This e-newsletter provides a central means of distributing pertinent information to underrepresented minorities in the field of microbiology. Some examples include career advice, networking tips, relevant news articles, unique funding and career opportunities, microbiological issues affecting minorities (e.g., HIV), minority issues affecting microbiologists (e.g., minority retention), and scientific articles published by minorities or by minority-serving institutions (MSIs).

The target populations are African-Americans, Latino-Americans, Native Americans, Alaska natives, and Pacific Islanders; however, all ASM members are invited to sign up and to share this information with others who may find this e-newsletter beneficial.
Signing up to receive The Minority Microbiology Mentor is very easy and is open to ASM members and non-members: simply go to http://asm.org/index.php/component/content/article/31-forms/forms/238-subscribe-to-listserv, enter your email address, and select "MinorityMicroMentor" then submit, and you will receive confirmation of your subscription by email. If you are an ASM member, you will be prompted to Log In before signing up.

The Committee on Microbiological Issues Impacting Minorities is chaired by Dwayne W. Boucaud, Ph.D., Associate Professor in the Quinnipiac University Department of Biomedical Sciences in Hamden, CT. The Minority Microbiology Mentor Editor-in-Chief is Dr. Floyd L. Wormley Jr., Ph.D., Associate Professor at the University of Texas at San Antonio and the Associate Editor is Crystal N. Johnson, Ph.D., Assistant Professor at Louisiana State University in Baton Rouge, LA.

If you are interested in placing an ad in the MMM, please send the copy to CMIIM@asmusa.org by the first of the month.