

National Institutes of Health Annual Conference Report for FY2016

Fogarty International Center (FIC)

Title of Conference: A Workshop on Establishing an African Association for Health Professional Education and Research (AAHPER)

Dates: 2/1-4/2016

Venue, City, State or Country: Victoria Serena Hotel, Kampala, Uganda

How the Conference Advanced the Mission of the Agency:

An ad hoc committee under the auspices of the Institute of Medicine planned and conducted a four-day workshop to lay a foundation for developing a business and strategic plan for the development of an African Association for Health Professional Education and Research (AAHPER). The meeting shared best practices and lessons learned as participants explored how such an association could accelerate the effectiveness of health education, research, and practice through an ongoing, self-sustainable platform of African academic institutions.

Total Estimated Cost: \$183,843

Total Attendees: 23

Total Feds on Travel: 4

Total Non-Feds on Travel: 19

Title of Conference: Global Technology and Outcomes in Low and Middle Income Countries (mHealth) Research Training Institute.

Dates: 6/6-9/2016

Venue, City, State or Country: Stone House, NIH Campus, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

To complement Fogarty's Mobile Health: Technology and Outcomes In Low and Middle Income Countries (mHealth) program, the Fogarty Center for Global Health Studies (CGHS), in close collaboration with 7 interested NIH Institute and Centers (ICs), outside partners, and academic leaders in the field, were provided a short-term training to promote multidisciplinary research, implementation science, and novel research methodologies to a cohort of researchers from diverse fields who helped to lay the groundwork for future global mHealth, research projects and begin to build the evidence base for impactful technologies. In support of Fogarty's strategic priorities, the training stimulated linkages among disciplines and bolster innovation in technology development and implementation to address global health problems. In our formative research, we confirmed that this is not duplicative of any other efforts and that lack of scientific capacity in this field is a barrier to maximizing the potential of mobile technologies to improve health. This four-day training followed an adult learning model where trainees had an opportunity to work in multidisciplinary groups to apply what they had learned to a particular problem. The training was divided up into topics that addressed the core aspects of global mHealth research. After each topic, the groups had breakout sessions

to discuss how to adapt their mHealth activities to address a major health problem. At the end of the training, groups were expected to develop a dynamic and fundable mHealth research proposal appropriate for a low- or middle-income country setting.

Total Estimated Cost: \$110,410

Total Attendees: 55

Total Feds on Travel: 13

Total Non-Feds on Travel: 42

Title of Conference: Strategic Multi-Attribute Ranking Tool (SMART) Vaccine Use-case Focus Group Meeting.

Dates: 6/29-30/2016

Venue, City, State or Country: Building 31, NIH Campus, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

Strategic Multi-Attribute Ranking Tool (SMART) Vaccine is a prototype software tool designed to create transparency around and inform decision makers (health ministries, multi-and bilateral donors, vaccine industry, academic researchers, non-government organization etc.) in the process of prioritizing and optimizing the outcomes of vaccine development and investment in new vaccines and/or utilization of existing vaccines. The objectives of the meeting included: 1) Review and training in the computational and mathematical models that are supporting the SMART Vaccine tool; 2) Provision of capabilities to transform SMART Vaccine to a web-based platform that can be supported and sustained for public access; 3) Iterative adaptation and refinement of the tool that is responsive to: dynamic and emerging information/inputs (e.g., disease burden, antigen-specific technology, and economic data); ongoing assessment/validation of methodologies; and, user/stakeholder feedback; 4) Expansion and updating of the data warehouse (model supporting data) and standardized formats for data sharing; 5) Dissemination and use of the tool supported by direct engagement and training of the public sector, academic, and private sector stakeholders and decision-makers associated with vaccine development, purchasing, and deployment/implementation programs; 6) Identification of long-term host of the tool that is sustainable and provides global access to the tool by embedding it an infrastructure that utilizes existing resources for maintenance of standards and capabilities.

Total Estimated Cost: \$123,348

Total Attendees: 24

Total Feds on Travel: 0

Total Non-Feds on Travel: 24

National Center for Advancing Translational Sciences (NCATS)

Title of Conference: National Center for Advancing Translational Sciences Institutional Review Board (IRB) Reliance Workshop

Dates: 5/2/2016

Venue, City, State or Country: Natcher Conference Center, NIH Campus, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

This Workshop trained and educated Clinical Translational Science Award (CTSA) staff on the use of the authorization agreement, its Standard Operation Procedures (SOPs) and to prepare the three most critical individuals at each of the 64 CTSA hubs: (1) the clinical trial leads, (2) the Trial Innovation Centers (TICs) liaisons, and (3) the IRB administrators to prepare for implementation of the single IRB model.

Total Estimated Cost: \$198,567

Total Attendees: 200

Total Feds on Travel: 20

Total Non-Feds on Travel: 180

National Human Genome Research Institute (NHGRI)

Title of Conference: International Summit in Human Genetics and Genomics

Dates: 9/1–30/2016

Venue, City, State or Country: Natcher Conference Center, NIH Campus, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

Encouraged and strengthened international cooperation and collaboration in genetic and genomic research and medicine among nations in the global north and south, through the expansion of the knowledge base in genetics and genomics among health care professionals in developing nations. Bridged the knowledge gap of expert health professionals in the area of genetics and genomics through efficient and effective knowledge transfer.

Total Estimated Cost: \$190,800

Total Attendees: 97

Total Feds on Travel: 75

Total Non-Feds on Travel: 22

National Heart, Lung, and Blood Institute (NHLBI)

Title of Conference: Chronic Obstructive Pulmonary Disease Town Hall Meeting

Dates: 2/29/2016-3/1/2016

Venue, City, State or Country: NIH Campus, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

In 2012, Congress made a request to the NIH and the Centers for Disease Control and Prevention (CDC) to develop a national federal action plan for Chronic Obstructive Pulmonary Disease (COPD). The NHLBI convened federal and non-federal

stakeholders, including patients and their families, and hosted a COPD Town Hall to begin shaping a COPD National Action Plan.

Total Estimated Cost: \$169,437

Total Attendees: 150

Total Feds on Travel: 40

Total Non-Feds on Travel: 150

National Institute of Allergy and Infectious Diseases (NIAID)

Title of Conference: United States (US) Japan Cooperative Medical Sciences Program International Conference on Emerging Infectious Diseases in the Pacific Rim.

Dates: 1/11-15/2016

Venue, City, State or Country: Bethesda North Marriott, Rockville, Maryland

How the Conference Advanced the Mission of the Agency:

This conference enhanced and expanded knowledge of emerging infectious diseases of priority in Southeast Asia, such as cholera and other bacterial enteric diseases, HIV/AIDS, Tuberculosis, parasitic diseases, acute respiratory infections and other viral diseases which are important to NIH and highly relevant to global health.

Total Estimated Cost: \$337,742

Total Attendees: 160

Total Feds on Travel: 73

Total Non-Feds on Travel: 87

Title of Conference: Zika Virus in the Americas: A Health and Human Services (HHS) Expert Consultation

Dates: 3/28-29/2016

Venue, City, State or Country: Bethesda North Marriott, Rockville, Maryland

How the Conference Advanced the Mission of the Agency:

Reviewed the current information about the epidemiology (including potential link to microcephaly), clinical manifestations and pathogenesis of Zika Virus.

Total Estimated Cost: \$144,999

Total Attendees: 282

Total Feds on Travel: 260

Total Non-Feds on Travel: 22

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Title of Conference: Kidney Precision Medicine Meeting

Dates: 5/23-25/2016

Venue, City, State or Country: Double Tree by Hilton Bethesda, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

Despite many academic and industry efforts to treat acute and chronic kidney disease, therapies remain limited. This conference aimed to bring together basic, clinical, and translational scientists, health care professionals from industry and government, and patients with an interest in the treatment of acute and chronic kidney disease; to recognize the heterogeneity of acute and chronic kidney disease and the importance in differentiating such heterogeneity so that precise treatments can be developed and provided to individual patients; to determine the quantity and usability of currently available kidney tissues obtained from patients with acute and chronic kidney disease (including transplant donors, partial nephrectomy for renal cell carcinoma, etc.); to discuss the need, challenges, and barriers in obtaining research biopsies from patients with acute and chronic kidney disease, as well as the negative consequence of not obtaining kidney tissues in the current and future treatment of those patients; to establish the scientific and clinical quality control/assurance metrics and training needed for setting up a network to obtain kidney research biopsies; to discuss the phasing and priority needed to move the field forward. Precisely diagnosing and understanding the mechanism of kidney disease is critically important so that the successful treatments and prevention pathways can be developed and provided to those patients. The conference explored and established this new paradigm in kidney precision medicine for better diagnosing and treating acute and chronic kidney disease and discussed the priority of kidney precision medicine to move forward in this paradigm shift.

Total Estimated Cost: \$159,954

Total Attendees: 35

Total Feds on Travel: 1

Total Non-Feds on Travel: 34

National Institute of Environmental Health Sciences (NIEHS)

Title of Conference: 25 Years of Endocrine Disruption

Dates: 9/18-20/2016

Venue, City, State or Country: NIH Campus, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

NIH's mission is to seek fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce illness and disability.

The NIEHS sponsored 25 Years of Endocrine Disruption: Past Lessons and Future Directions Meeting on the main NIH campus in Bethesda MD, on September 18-20, 2016 advanced this mission in the following ways:

- It fostered collaboration between researchers to develop strategies to improve human health.

- It encouraged discussion of the scientific principles and mechanisms underlying EDC exposures and how they relate to human health effects.
- Presentations were given on EDC Testing and Biomonitoring as a means to improve strategies to determine human exposures.
- Participants debated the Lessons Learned from EDC Research in order to avoid past mistake and improve upon effective prevention and treatment strategies.
- Participants discussed the utility of testing the effects of EDCs in different species as a means to better understand the ultimate impact of exposures to human health.
- Participants discussed and debated use of safer chemicals and how to implement better research strategies.
- Participants learned strategies used by large-scale

Total Estimated Cost: \$103,500

Total Attendees: 105

Total Feds on Travel: 40

Total Non-Feds on Travel: 65

National Institute of Mental Health (NIMH)

Title of Conference: 2016 Annual Meeting of the Outreach Partnership Program

Dates: 7/19-21/2016

Venue, City, State or Country: Natcher Conference Center, NIH Campus, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

The 2016 Annual Meeting of the NIMH Outreach Partnership Program (OPP) brought together Outreach Partners from across the country, NIMH staff, NIMH-funded researchers, and National Partners, for the dissemination and translation of the latest research findings to populations most in need--such as mental health consumers, families, healthcare providers, and policymakers. The meeting highlighted key NIMH initiatives, including the North American Prodromal Longitudinal Study, grants to shorten the duration of untreated psychosis, trauma-focused cognitive behavioral therapy, and research advances in treating refractory depression and preventing suicide. In addition, Outreach Partners gave presentations about their activities and experiences in disseminating NIMH research. They also consulted with NIMH leadership, NIMH extramural and intramural staff, and grantees on the community needs for NIMH research and translation of that research into the community. The direct interaction and dialogue at the OPP meeting supports the current NIMH Strategic Plan, specifically the cross-cutting theme of "Partnerships." To support NIMH's public health mission, the Institute "must work with external stakeholders who are also committed to the prevention, recovery, and cure of mental illnesses" so that "NIMH can efficiently leverage our collective investments and research infrastructure, as well as help evaluate and learn from stakeholders' experiences" and "lead to a quicker uptake of effective practices and programs."

Total Estimated Cost: \$124,656

Total Attendees: 56

Total Feds on Travel: 0

Total Non-Feds on Travel: 56

Title of Conference: Mental Health Services Research (MHSR) 2016 Conference

Dates: 8/1-3/2016

Venue, City, State or Country: Hotel Bethesda Marriott Pooks Hill, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

The NIMH hosted the 23rd Conference on Mental Health Services Research (MHSR) with the theme, Harnessing Science to Strengthen the Public Health Impact. The MHSR is the nation's premier mental health services research conference. This year, the conference brought together record numbers of leading mental health services researchers, clinicians, mental health advocates, and federal and nonfederal partners. The conference had nearly 300 in-person attendees and over 450 live webcast views. The recent release of the NIMH Strategic Plan (Strategic Objective #4, in particular), and updated Strategic Research Priorities (Strategic Research Priority #4, in particular) was used as a platform for the MHSR 2016 in order to 1) engage the services research community in the ongoing quest to improve the efficiency and effectiveness of existing mental health services through research; 2) to establish research-practice partnerships to improve dissemination, implementation, and continuous improvement of evidence-based mental health services; 3) to develop innovative service delivery models to improve dramatically the outcomes of mental health services received in diverse communities and populations; and 4) to develop new capacity for research that evaluates the public health impact of mental health services innovations. Services research aims to improve access, continuity, quality, equity, and value of mental health care; a mission crucial to closing the science-to-service delivery gap and to NIMH's commitment to fulfilling its vital public health mission to ensure breakthroughs in science can become breakthroughs for all people with mental illness.

Total Estimated Cost: \$110,319

Total Attendees: 9

Total Feds on Travel: 0

Total Non-Feds on Travel: 9

National Institute on Minority and Health Disparities (NIMHD)

Title of Conference: The NIMHD Health Disparities Research Institute (HRDI)

Dates: 8/15-19/2016

Venue, City, State or Country: NIH Campus, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

The purpose of this annual program is to foster careers of promising scientists and motivated research scholars with the overall goal to stimulate innovative research in the minority health and health disparities sciences. The training increased awareness of current science, inspired new knowledge and insights, and developed a network of leaders to support the future cross-disciplinary collaboration need to address health disparities. NIMHD HRDI is an important training investment in the NIH NIMHD outreach, enhancing the pipeline of future minority health and health disparities researchers.

Total Estimated Cost: \$147,320

Total Attendees: 90

Total Feds on Travel: 25

Total Non-Feds on Travel: 65

National Institute of Neurological Disorders and Stroke (NINDS)

Title of Conference: 2nd Annual NIH - Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative Principal Investigator Meeting

Dates: 12/10-11/2015

Venue, City, State or Country: Bethesda North Marriott, Rockville, Maryland

How the Conference Advanced the Mission of the Agency:

This 2nd annual meeting of BRAIN Initiative Principal Investigators (PIs) convened the Fiscal Year (FY14) awardees of the BRAIN Initiative for the second time and FY15 awardees of the BRAIN Initiative for the first time, as well as NIH leaders and program staff, NIH advisors, interagency partners; e.g. Defense Advanced Research Projects Agency (DARPA), National Science Foundation (NSF), Food and Drug Administration (FDA), and more. The purpose was to bring these stakeholders together to meet in-person and discuss how awardees will collaborate and coordinate with one another moving forward.

Total Estimated Cost: \$188,810

Total Attendees: 400

Total Feds on Travel: 370

Total Non-Feds on Travel: 30

Title of Conference: Alzheimer's Disease Related Dementia (ADRD) Summit

Dates: 3/29-30/2016

Venue, City, State or Country: Natcher Conference Center, NIH Campus, Bethesda, Maryland

How the Conference Advanced the Mission of the Agency:

This 2nd meeting of the Alzheimer's Disease Related Dementia (ADRD) Summit completed Action Number 1.A.8. of the National Plan to Address Alzheimer's Disease. The NIH was the leading agency, with the National Institutes of Neurological Disorders

and Stroke (NINDS) as the lead institute of this effort. In collaboration with the National Institute on Aging (NIA), other partnering interests included other federal funders of dementia research, national and international experts, public and private stakeholders, and members of the National Association of Plan Advisors (NAPA) Advisory Council on Alzheimer's Research, Care and Services. The Summit convened to review the progress on ADRD research recommendations and provided an opportunity for participants to refine and add new recommendations as appropriate based on recent scientific discoveries.

Total Estimated Cost: \$151,165

Total Attendees: 350

Total Feds on Travel: 285

Total Non-Feds on Travel: 65

Title of Conference: Parkinson's Disease Biomarkers Program (PDBP) Consortium Meeting 2016

Dates: 08/8-9/2016

Venue, City, State or Country: Bethesda Marriott North, Rockville, Maryland

How the Conference Advanced the Mission of the Agency:

This meeting brought together experts in the field of Parkinson's Disease biomarkers research, information technology and neuroscience, funded under the Parkinson's Disease Biomarkers Program (PDBP) which was officially launched on November 13-14, 2012. At this consortium meeting, investigators presented their recent findings and discussed any challenges related to patient recruitment, biospecimen collection, data management, etc., that they have encountered since the last consortium meeting in September 2015.

Total Estimated Cost: \$117,805

Total Attendees: 90

Total Feds on Travel: 40

Total Non-Feds on Travel: 50

National Institutes of Health – Office of the Director (NIH-OD)

Title of Conference: 17th Annual NIH Small Business Innovation Research (SBIR) and Small Business Technology Transfer Research (STTR) Conference

Dates: 10/27-29/2015

Venue, City, State or Country: Bell Harbor Conference Center, Seattle, Washington

How the Conference Advanced the Mission of the Agency:

The goal of the conference was to help small business in the life science sector learn more about the \$785 million dollars of annual NIH funding that is available to forge academic partnerships and build new businesses based on recently developed biotechnology.

Total Estimated Cost: \$154,448

Total Attendees: 74

Total Feds on Travel: 74

Total Non-Feds on Travel: 0

GRANTS

National Institute of General Medical Sciences (NIGMS)

Title of Conference: Interactive Learning Modules for Writing Grant Proposals

Dates: 10/5-7/2015

Venue, City, State or Country: University of Kentucky, Lexington, Kentucky

How the Conference/Grant Advanced the Mission of the Agency:

A major goal of NIH is to train, engage and support a diverse biomedical and behavioral research workforce. The aims and objectives of this grant addressed research-based practices essential to develop and diversify the scientific workforce in biomedical and behavioral sciences relevant to the NIH research mission. The objectives of the NIGMS supported conference were designed to increase and develop the research capacity of faculty at institutions that serve significant numbers of students from underrepresented groups. Empowering faculty at these institutions enhanced the participation and facilitated the successful research training of individuals from groups underrepresented in undergraduate, graduate, post-doctoral and faculty ranks.

Total Estimated Cost: \$352,647

Total Attendees: 48

Total Feds on Travel: 0

Total Non-Feds on Travel: 48

Title of Conference: Society for Advancement of Chicano and Native Americans in Science

Dates: 10/29-31/2015

Venue, City, State or Country: Gaylord National Resort and Convention Center, National Harbor, Maryland

How the Conference Advanced the Mission of the Agency:

The overall objectives of the grant were designed to address student development that will lead to a prepared and diverse scientific workforce in biomedical and behavioral sciences relevant to the NIH research mission. The activities were designed to increase and enhance the participation and facilitate the research training of individuals from groups underrepresented from undergraduate, graduate, postdoctoral and faculty ranks. The activities will contribute to the successful career development of individuals groups underrepresented from undergraduate, graduate, postdoctoral and faculty ranks. The

activities will contribute to the successful career development of individuals from underrepresented groups in the US science enterprise.

Description of the Exceptional Circumstances:

The grant supports the development and logistics to plan and offer a number of training activities designed to increase the diversity of the biomedical workforce through the structure of Society for Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS) (Including the SACNAS conference leadership Institute, and other year round activities). Grant funds for the conference supports scientific/professional symposia, student presentations, and focused career development activities for underrepresented students. This venue attracts a unique group of students and researchers who have no similar forum for exchange in student development in Science, Technology, Engineering and Math (STEM) programs. The remainder of the grant also supports the participation of 30 early career Investigators in the Summer Leadership Institute and year-round regional activities of SACNAS chapters. Spending on this conference is a cost-effective mechanism to foster student development in STEM and research communication to a large number of students in training activities associated with the meeting 1489 undergraduates, 511 pre-doctoral students, and 1293 professionals in scientific sessions and workshops.

Total Estimated Cost: \$1,766,450

Total Attendees: 4035

Total Feds on Travel: 0

Total Non-Feds on Travel: 4035

Title of Conference: Biomedical Research Conference for Minority Students

Dates: 11/11-14/2015

Venue, City, State or Country: Washington State Convention Center, Seattle, Washington

How the Conference Advanced the Mission of the Agency:

The overall objectives of this grant were designed to address student development in science, technology, engineering and math that will lead to a prepared and diverse scientific workforce in biomedical and behavioral sciences relevant to the NIH research mission. The activities were designed to increase and enhance the participation and research training of individuals from underrepresented groups from undergraduate, graduate, and postdoctoral ranks, and provided faculty mentors and advisors with resources to facilitate student success. The conference provided research updates from key scientific leaders and professional and academic networking and development to enhance graduate study. The activities contributed to the successful career development of individuals from underrepresented groups in the US science enterprise.

Description of the Exceptional Circumstances:

The grant supports the development and logistics to plan and offer a number of training activities designed to increase the diversity of the biomedical workforce through the

structure of the Annual Biomedical Research Conference for Minority Students (ABRCMS). Grant funds for the conference support scientific/professional symposia, student presentations, and focused career development activities for underrepresented students. This venue attracts a unique group of students and researchers who have no similar forum for exchange in student development in Science, Technology, Engineering and Math (STEM) programs. Spending on this conference is a cost-effective mechanism to foster student development in STEM and research communication to a large number of students in training activities associated with the meeting: 1929 undergraduates, 365 Graduate student, 513 faculty and, program directors from over 350 colleges and universities attending 1700 student poster and oral talks as well as keynote speakers at the meeting in 2014.

Total Estimated Cost: \$820,800

Total Attendees: 3,900

Total Feds on Travel: 0

Total Non-Feds on Travel: 3,900

Title of Conference: National Institutional Development Award (IDeA) Symposium of Biomedical Excellence (NISBRE)
National Institutes of Health (NIH)

Dates: 06/26-28/2016

Venue, City, State or Country: Marriott Wardman Park Hotel, Washington, District of Columbia.

How the Conference Advanced the Mission of the Agency:

The Institutional Development Award (IDeA) program is one of the programs in the Center for Research Capacity Building, NIGMS. The mission of the IDeA program is to broaden the geographic distribution of NIH funding for biomedical and behavioral research. The program fosters health-related research and enhances the competitiveness of investigators at institutions located in states in which the aggregate success rate for applications to NIH has historically been low. The NISBRE is purposely designed to meet the needs of the IDeA community and provides an opportunity to enhance communications, share common experiences and establish research collaborations between multidisciplinary investigators of the IDeA community and other NIH funded initiatives.

Total Estimated Cost: \$416,996

Total Attendees: 75

Total Feds on Travel: 0

Total Non-Feds on Travel: 75

Title of Conference: Leadership Alliance National Symposium

Dates: 7/24-26/2016

Venue, City, State or Country: Hilton Stamford Hotel and Executive Meeting Center,

Stamford, Connecticut

How the Conference Advanced the Mission of the Agency:

The aims and objectives of the grant were designed to address the development and diversification of the scientific workforce in biomedical and behavioral sciences relevant to the NIH research mission. The activities were designed to increase and enhance participation and facilitate research training and success of individuals from underrepresented groups in undergraduate, graduate, postdoctoral and faculty ranks of the academe. The activities will contribute to the successful career development of individuals from US groups in the US science enterprise.

Total Estimated Cost: \$230,609

Total Attendees: 375

Total Feds on Travel: 0

Total Non-Feds on Travel: 375

Title of Conference: Quantitative Cell Biology: Physiology Modern Cell Biology Using Microscopic, Biochemical and Computational Approaches

Dates: 6/12-7/31/2016

Venue, City, State or Country: Marine Biological Laboratory, Woods Hole, Massachusetts

How the Conference Advanced the Mission of the Agency:

This course provided an unparalleled opportunity to train the leading scientists of tomorrow. Students learned cutting-edge techniques from the scientists who developed the techniques. Science is increasingly interdisciplinary, so this course provided a unique venue for learning and appreciating other types of research approaches. By spending seven weeks with a creative and successful faculty cohort, students learned how to "do science" and how to attack research questions in new and exciting ways. Furthermore, this course promoted the human element of science by broadening the scientific network of all participants, thus strengthening the field of cell biology.

Total Estimated Cost: \$141,600

Total Attendees: 25

Total Feds on Travel: 0

Total Non-Feds on Travel: 25

Title of Conference: Bridges to the Professoriate

Dates: 10/29-11/1/2015

Venue, City, State or Country: Marriott Crystal City Gateway Conference Center, Arlington, Virginia

How the Conference/Grant Advanced the Mission of the Agency:

The aims and objectives of the grant are designed to address the development and diversification of the scientific workforce in biomedical and behavioral sciences relevant to the NIH research mission. The activities are designed to increase and enhance the participation and facilitate the research training of individuals from groups underrepresented from undergraduate, graduate, postdoctoral and faculty ranks of the academe. These activities will contribute to the successful career development of individuals from underrepresented groups in the U.S. science enterprise.

Total Estimated Cost: \$221,048

Total Attendees: 64

Total Feds on Travel: 0

Total Non-Feds on Travel: 64

Title of Conference: Understanding Interventions that Broaden Participation in Research Careers

Dates: 2/26-28/2016

Venue, City, State or Country: Philadelphia Marriott, Downtown, Philadelphia, Pennsylvania

How the Conference/Grant Advanced the Mission of the Agency:

A major goal of NIH is to train, engage and support a diverse biomedical and behavioral research workforce. The aims and objectives of this grant addressed research-based practices essential to development and diversification of the scientific workforce in biomedical and behavioral sciences relevant to the NIH research mission. Identifying effective interventions will enhance the participation and facilitate the successful research training of individuals from groups underrepresented in biomedical science, from undergraduate, graduate, post-doctoral and faculty ranks of the academe.

Total Estimated Cost: \$436,422

Total Attendees: 50

Total Feds on Travel: 0

Total Non-Feds on Travel: 50

National Institute on Drug Abuse (NIDA)

Title of Conference: Society for Prevention Research (SPR) Annual Meetings, 2012-2016

Dates: 5/31-6/3/2016

Venue, City, State or Country: Hyatt Regency San Francisco, San Francisco, California

How the Conference Advanced the Mission of the Agency:

The NIDA is the federal entity with primary responsibility for research on the prevention of drug abuse, including drug related HIV prevention, and NIDA has been a leader in

research on interventions targeting specific risk and protective factors for drug abuse and related behavioral health outcomes. The SPR annual meeting emphasized drug abuse prevention and drug related HIV prevention research as well as mental health and other related disciplines. In addition to the annual meeting, the SPR R13 generated, promoted, and supported innovation in prevention science through task forces called Mapping Advances in Prevention Science (MAPS). The current MAPS task forces focused on Integrating Benefit-Cost Analyses into Prevention Science. Task force members represented multiple disciplines within prevention science, with a specific interest in addressing advances in the MAPS topics. The MAPS task force meets during the SPR annual meeting as well as in between the annual meetings. In addition to MAPS activities, SPR provided opportunities for early career development of the next generation of prevention scientists, including researchers from underrepresented groups, through training, career building, and leadership development. To enhance the reach, benefits, and impact of the scientific developments emanating from the annual meetings and from the work of the SPR MAPS Task Force, SPR leadership widely disseminated cutting-edge scientific developments to diverse audiences.

Total Estimated Cost: \$183,000

Total Attendees: 836

Total Feds on Travel: 0

Total Non-Feds on Travel: 836

National Institutes of Health (NIH)

National Institute of Allergy and Infectious Diseases (NIAID)

Title of Conference: 21st International AIDS Conference (AIDS 2016)

Dates: 7/17-22/2016

Venue, City, State or Country: Durban International Conference Center, Durban, South Africa

How the Conference Advanced the Mission of the Agency:

The conference brought together the leading researchers, clinicians, community leaders, policy makers, funders, and public health experts from the each of the disciplines represented on the conference agenda to discuss the latest developments in the HIV/AIDS fields. This conference supported the NIH mission to end the HIV/AIDS epidemic by increasing collaborations within and across the broad HIV/AIDS sciences agenda and by disseminating research results. The conference provided important opportunities for NIH-funded intramural, extramural scientists, other researchers and research funders to plan and conduct research in a collaborative manner that limits unnecessary duplication of effort. The collaboration facilitated the conduct of research in regions with emerging scientific opportunities and the heaviest HIV/AIDS disease burden to inform domestic and worldwide HIV/AIDS researchers. A symposium to review the latest advancements in HIV cure research is being organized in conjunction with the conference tracks A - Basic and Translational Research; B - Clinical Research; C - Epidemiology and Prevention Research; D - Social and Political Research, Law,

Policy and Human Rights; and E - Implementation Research, Economics, Systems and Synergies with other Health and Development Sectors.

Description of the Exceptional Circumstances:

A meeting of this size and magnitude requires a venue to accommodate this large number of attendees. Selection of a smaller venue to reduce venue cost would impact the number of scientific sessions possible, the number of attendees that could attend, and opportunities for attendees to discuss and develop new collaborations. This conference is sponsored by an extramural organization and not by the NIH. NIH is providing financial support to this conference through grant 1 R13 AI124757-01, 21st International AIDS Conference (AIDS 2016).

Total Estimated Cost: \$1,175,000

Total Attendees: 95

Total Feds on Travel: 0

Total Non-Feds on Travel: 95

TOTALS

NIH total number of conferences: 17

Total dollars: \$2,717,122.99

Total number of Federal attendees on travel: 1,320

Total number of non-Federal attendees on travel: 880

NIH total number of grants: 10

Total dollars: \$5,744,572.00

Total number of Federal attendees on travel: 0

Total number of non-Federal attendees on travel: 9,503