Dean’s Welcome

Message from the Director

CONTENTS

DEAN’S WELCOME

It is a pleasure to welcome you to Florida International University and the Robert Stempel College of Public Health and Social Work.

The objective of the 2018 conference is to present, analyze and discuss state-of-the art risk analysis and scientific progress on key issues of global health and the serious threat of emerging diseases. This includes new research approaches and innovative scientific and technological solutions to global threats.

The 2018 conference will address priorities on the diabetes epidemic, disaster preparedness, malaria, environmental health focusing on lead poisoning and low-level toxic chemicals, the current U.S. opioid epidemic, and other emerging public health threats.

Four workshops co-hosted with the Pan-American Health Organization (PAHO/WHO) and the International Atherosclerosis Society have been organized on Advances on Immunization in the Americas, Integrated Control Strategies for Arboviruses: Challenges and Threats, Lead & Mercury In Latin America and the Caribbean, and public policy and health interventions for Hypercholesterolemia & Diabetes/Cardiovascular Disease Risk.

We have close to 120 participants from 27 countries from the U.S., Canada, Latin America and the Caribbean. These include high level representatives from the Ministry of Health, Presidents of relevant Regional Scientific Associations, CDC experts, regional experts in public health, infectious diseases, and public policy, and representatives from PAHO.

This conference and workshops are part of the work of the Global Health Consortium (GHC) at FIU is doing as a collaborative international center focused on coordinating in-house, national, and international partnership initiatives in order to provide health solutions to the world’s population.

Dr. Tomás R. Guilarte

Dean, Robert Stempel College of Public Health & Social Work
Professor, Department of Environmental Health Sciences
Professor, Cognitive Neuroscience & Imaging
Member, Bimolecular Sciences Institute
Stempel.fiu.edu
MESSAGE FROM THE DIRECTOR

It is my distinct pleasure to welcome all of you to Florida International University (FIU) and the Global Health Consortium's (GHC) 8th Annual International Conference on Global Health. As a guiding principle, I believe that health is a fundamental human right. The commitment of the GHC in collaboration with FIU leadership for this shared vision of health, both within the Americas and abroad, is what initially attracted me to the Consortium.

The idea of a neutral academic environment by which to engage in public, intelligent discourse on the world's toughest health challenges, requiring both immediate attention and long-term solutions, is a challenge well suited to a thriving community of uniquely talented faculty across all disciplines.

The major theme of this year's conference is to "Build Alliances in Global Health". Global alliances are vital to overcome the serious health challenges of our time, and this conference will be a source for developing relationships across borders. This year we will focus on communicable and non-communicable diseases—immunizations, diabetes, hypercholesterolemia, vector-borne diseases, disaster preparedness, environmental health, and the U.S. opioid epidemic. The GHC continues to expand, both in its educational capacity through workshops and colloquia, and in participating countries. We are pleased to welcome participants from approximately 27 different countries.

We are very grateful for the Pan American Health Organization (PAHO) and the International Atherosclerosis Society (IAS) for their contribution and collaboration with the Global Health Conference and its workshops.

Through this collaborative effort, we provide a platform to evaluate and propose policies and solutions that ameliorate the world's most urgent public health concerns.

Dr. Carlos Espinal
Director, Global Health Consortium
Robert Stempel College of Public Health & Social Work
Dr. Tomás R. Guilarte

**Presentation:**
**Childhood lead intoxication and cognitive deficits: From despair to hope**

Respected scientist, educator and academic leader, Tomás R. Guilarte, Ph.D., became dean of Robert Stempel College of Public Health & Social Work at Florida International University (FIU) in January 2016. He joined FIU after serving as the inaugural Leon Hess Professor and Chairman of the Department of Environmental Health Sciences at Columbia University-Mailman School of Public Health in the City of New York.

Guilarte’s research explores the impact of environmental pollutants on neurological and mental disease. His work uses behavioral, cellular and molecular approaches, ranging from studies using primary culture of brain cells to the application of brain imaging technologies.

He is renowned for revealing the effects that low-level lead exposure has on the central nervous system during brain development, a discovery that led to strategies for mitigating learning deficits. In fact, these strategies are now translated to human populations.

Guilarte’s research team played an important role in the validation and application of a biomarker for brain injury and inflammation that is used clinically in major medical centers around the world. In 2017, Guilarte worked closely with Anna Rothschild, the host of NOVA’s Gross Science, to translate his National Institute of Environmental Health Sciences (NIEHS) research into insights for WGBH/PBS Digital Studios’ web segment “What Does Lead Poisoning do to the Brain?” and feature-length documentary on Flint’s “Poisoned Water.” Both productions take a deeper look at lead poisoning in adults and children, while illustrating how damaging this heavy metal is to the body—especially the brain—and how science may be on the right path to eventually finding a treatment.

His laboratory has also made seminal findings in the neurotoxicology of manganese and associated neurological disease.

Guilarte’s research is funded—and has been for more than 23 years—by grants from the NIEHS, for which he served as a member of the Advisory Council until 2017. Guilarte has also participated in many NIH study sections, review panels, and committees at the national and international level. In Miami, he has served as a member of the Miami-Dade County Mayor’s HIV/AIDS Getting to Zero Task Force and the Miami-Dade County Mayor’s Opioid Addiction Task Force.

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In 2018, the Hispanic Organization of Toxicologists (HOT) honored Guilarte as the recipient of the Distinguished Toxicologist Award, which celebrates a toxicologist of Hispanic origin for his or her outstanding professional achievements, excellence in research and level of service to the Society of Toxicology (SOT).

Prior to Columbia University, Guilarte received his doctorate and spent three decades as a professor and researcher in the Department of Environmental Health Sciences at the Johns Hopkins University Bloomberg School of Public Health. As of 2018, Guilarte is a member of the Johns Hopkins Society of Scholars, which was established in 1987 on the recommendation of then president Milton S. Eisenhower and was approved by the University’s Board of Trustees.

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José Esparza is a Venezuelan American virologist who lives in the USA. He is known for his efforts to promote the international development and testing of vaccines against HIV/AIDS. For 17 years (until 1985) he pursued an academic career at the Venezuelan Institute for Scientific Research (IVIC), attaining positions as full professor of virology and chairman of its Department of Microbiology and Cell Biology. From 1986 to 2014 he worked continuously as a viral vaccine expert and senior public health advisor for international health policy agencies such as the World Health Organization, the Joint United Nations Program on HIV/AIDS, and the Bill & Melinda Gates Foundation.

Alice Asher, RN, Ph.D. is an epidemiologist in the Epidemiology, Surveillance and Prevention among Substance Users Unit in the Epidemiology and Surveillance Branch in the Division of Viral Hepatitis at the Centers for Disease Control and Prevention. She has worked with people who inject drugs (PWID) on viral hepatitis prevention and treatment and care for over 15 years, including serving as project director for a prospective cohort study examining hepatitis C in young PWID in San Francisco, running a clinical trial of a hepatitis C vaccine tested with PWID, and as a Clinical Nurse Specialist at the San Francisco Needle Exchange. Her work at CDC focuses on addressing the rise of viral hepatitis because of the opioid epidemic, providing technical assistance to local communities, improving linkage to care for PWID, and conducting research to identify opportunities for evidence-based interventions.

Dr. Roberto Tapia Conyer is a Medical Director by the National University of Mexico (UNAM). He has two master’s degrees in science and public health from Harvard University, as well as a Doctorate in Sciences conferred by the UNAM. He joined Mexico’s Ministry of Health in 1982, where he built an institutional career. From 1997 to 2006 he served as Vice Minister of Prevention and Promotion, under which his scope of responsibility led to the design and development of innovative and effective public health policies and programs. Dr. Tapia Conyer is currently the Chief Executive Officer of the Fundación Carlos Slim (Carlos Slim Foundation) and President of the Carso Health Institute. He is a member of the Permanent Advisory Board of the Mexican Society of Public Health, as well as an active member of the Mexican national academies of Medicine and Surgery, the Mexican Academy of Sciences and the National Research System (where he is catalogued as elite level three researcher). Dr. Tapia Conyer is also a member of the high-level advisory board for the University of California’s Mexico Initiative (UC Mexico); the Steering Committee Partnership for Dengue Control; the America’s Dengue Prevention Board of the Dengue Vaccine Initiative, and the International Task Force for Disease Eradication at the Carter Center. He is a tenured professor at the UNAM’s School of Medicine and has been visiting professor at the University of California’s (UC) campuses in San Francisco and Irvine. He is now a visiting professor at UC Berkeley.
Dr. Rainier Escalada is the Advisor on Malaria Policy, Advocacy, and Capacity Building at PAHO/WHO. He joined the organization as Technical Officer on Malaria in 2005 and coordinated the development of the Regional Strategic Plan for Malaria in the Americas 2006-2010, Strategy and Plan of Action for Malaria in the Americas, 2011-2015, and the Region’s Plan of Action for Malaria Elimination 2016-2020. A native of the Philippines, Dr. Escalada was a seasoned youth leader, college educator, community doctor, and steadfast advocate for capacity building among individuals, institutions, and communities, prior to his career in international public health. He obtained his degrees in the Behavioral Sciences (Magna Cum Laude) and Doctor of Medicine from the University of the Philippines; and a diploma in Global Health from the Finnish Medical Association.

Roberto Montoya graduated in 1992 from the Medical School of the Javeriana University of Bogotá and studied postgraduate studies at the Oswaldo Cruz Institute (FIOCRUZ) in Rio de Janeiro, obtaining the title of Doctor of Tropical Medicine in 1998. Between 1999 and 2001, he held positions in the areas of epidemiology and vector-borne disease control at the Ministry of Health of Colombia and during 2001 and 2002 he worked as an associate researcher at the Center for Research in Microbiology and Tropical Parasitology for the University of the Andes of Bogotá. In September 2002, he joined the Pan American Health Organization as the technical coordinator of the Amazon Network for Surveillance of Antimalarial Resistance and later held positions in surveillance and control of communicable diseases in the Colombian PAHO offices and Ecuador. Since August 2016, Dr. Montoya has been the Regional Malaria Advisor in the Department of Communicable Diseases of PAHO.

Jesus Felipe Gonzalez Roldán, born in Mexico City, is a Surgeon from the Medicine Department of the National Autonomous University of Mexico (UNAM), and holds a Master of Science (MSc) in Public Administration from the Economic Investigation and Teaching Center (CIDE), as well as a MSc in Hospital Management from the University of Alcala de Henares in Spain. He is a Public Health specialist certified by the National Board of Public Health and holds several studies in addiction; focusing in prevention, health promotion and sanitary regulation. Besides his functions as General Director of the National Center of Preventive Programs and Disease Control (CENAPRECE) of the Federal Health Department, he is the Latin America General Secretary and Board of Directors representative for the International Union against Tuberculosis and Pulmonary Diseases. He is also a Global Ambassador against Cancer in the Mexican chapter of the American Cancer Society; VP of the “Mexico sin Tabaco” network; Director of the Addiction Section of the Mexican Society of Public Health as well as General Secretary of the Mexican Society of Public Health (since 2015); Secretary and founding member of the Alliance Against Tobacco (ACTA) and a member of the Mexican Council Against Smoking as well as the Inter American Heart Foundation.

Previously, he worked as the General Director of Epidemiology in the Federal Health Department, as well as manager of the Adjoined General Board of Preventive Programs in CENAPRECE. He also collaborated as Director of Advertising Sanitary Control in the Undersecretary of Regulation and Sanitary Promotion.

Among other positions, he worked as Assistant Director of Educational Communication, Chief of Media Relations and Adviser of Health Promotion for the states of Zacatecas and Veracruz, in the General Directorate of Health Promotion; and Executive Director of the Mexican Society of Public Health.

Ruben Almaguer is the Assistant Vice President for Disaster Management & Emergency Operations at Florida International University. In his current position he is responsible for overseeing the Department of Emergency Management and the Department of Environmental Health and Safety. Previously, Mr. Almaguer served as Interim Director as well as Deputy Director for the State of Florida’s Division of Emergency Management for three years. This position reported directly to the Executive Office of the Governor. Mr. Almaguer has also served as a Division Chief and Paramedic for the Miami-Dade Fire Rescue Department. He has responded to over 25 local, national and international disasters, including the earthquakes in Turkey, Taiwan, Colombia, and Venezuela, floods in Africa, the Oklahoma City bombing, and the 9/11 Pentagon attack.
Instituto Superior de Ciencias Medicas Carlos J Finlay, and later in 1994, he received a diploma in Applied Epidemiology (UNAM).

Collaborating with faculty at Sylvester Comprehensive Cancer Center at the University of Miami, she contributes to research and teaching in cancer and global health as well as catalyzes the University’s research presence throughout the Americas focusing on policy development. Dr. Knaul’s research focuses on global health, cancer and breast cancer in low- and middle-income countries, women and health, health systems and reform, health financing, access to pain control and palliative care, poverty and inequity, gender equity and female labor force participation, and children in especially difficult circumstances.

She has held senior government posts in Mexico and Colombia and worked for bilateral and multilateral agencies including the World Health Organization, the World Bank, and UNICEF. She maintains a research base in Mexico anchored at the Mexican Health Foundation. In 2017, Dr. Knaul was inducted into the National Academy of Medicine of Mexico and awarded Level III of the Mexican National System of Researchers.

Knaul works as both a researcher and advocate on cancer globally. After she was diagnosed with breast cancer in 2007, Knaul founded the Mexican non-profit organization, Cáncer de Mama: Tómatelo a Pecho, a program that undertakes and promotes research, advocacy, awareness, and early detection initiatives for breast cancer in Latin America. Her journey is documented in her books Tómatelo a Pecho (Grupo Santillana, 2009) and Beauty without the Breast (Harvard University Press/ Harvard Global research, advocacy, awareness, and early detection initiatives for breast cancer in Latin America. Her journey is documented in her books Tómatelo a Pecho (Grupo Santillana, 2009) and Beauty without the Breast (Harvard University Press/ Harvard Global Health Sciences at the Leonard M. Miller School of Medicine and director of the Institute for Advanced Study of the Americas. She is also a full member of Sylvester Comprehensive Cancer Center and holds several secondary appointments. Knaul most recently served as director of the Harvard Global Equity Initiative (HGEI) and associate professor at Harvard Medical School.

An international health economist and expert in Latin American health systems and social sectors, Felicia Knaul, Ph.D., is a professor in the University of Miami’s Department of Public Health Sciences at the Leonard M. Miller School of Medicine and director of the Institute for Advanced Study of the Americas. She is also a full member of Sylvester Comprehensive Cancer Center and holds several secondary appointments. Knaul most recently served as director of the Harvard Global Equity Initiative (HGEI) and associate professor at Harvard Medical School.

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Dr. Gotuzzo is a principal professor of the Department of Medicine and former Director of the “Alexander von Humboldt” Institute of Tropical Medicine and Infectious Diseases in the Peruvian University Cayetano Heredia in Lima, Peru. He also served former head of the Department of Transmissible Diseases at Cayetano Heredia Hospital. With more than 400 articles published, his works focus on subjects including emerging diseases, TB, HTLV-I, free-living amoebas, brucellosis, typhoid fever, cholera and parasites.

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CHAIRS AND MODERATORS

Chairs
Dr. Agnes Soares
Dr. Carlos Espinal
Dr. Eduardo Gotuzzo
Dr. Elena Bastida
Dr. Jessy Devieux
Dr. Kalai Mathee
Dr. Mario De La Rosa

Moderators
Dr. Abel Salinas
Dr. Abiel Mascareñas
Dr. Agnes Soares
Dr. Alejandro Arrieta
Dr. Carlos Espinal
Dr. Fabian Mendez
Dr. Haroldo Bezerra
Dr. Jaime Torres
Dr. Joao Bosco
Dr. Kelly Polido
Dr. Maria Luisa Avila
Dr. Rodrigo Alonso

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International Conference on Global Health Scientific Committee
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Dr. Carlos Espinal
Dr. Tomás R. Guilarte

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Miguel Espinal

Administrative Committee
Ana Carazo
Ashley Diaz
Paola Moreno

Volunteers
Alexis Baron
Amanda Chinyere Ichite
Etinosa Sharon Oghogho
Gabriella Marie Wuyke
Jose Gonzalez

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Volunteers
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Amanda Chinyere Ichite
Etinosa Sharon Oghogho
Gabriella Marie Wuyke
Jose Gonzalez
8th International Conference on Global Health

May 22 - 25, 2018
Kovens Conference Center

Conference: Day 1 | May 23, 2018

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00-6:10 PM</td>
<td>Opening 8th Global Health Conference Chair: Dr. Carlos Espinal, Director, Global Health Consortium Robert Stempel College of Public Health &amp; Social Work, FIU</td>
</tr>
<tr>
<td>6:00-6:10 PM</td>
<td>Dr. Tomás R. Guílate, Dean, Robert Stempel College of Public Health &amp; Social Work Dr. Carlos Espinal, Director, GHC Welcome Remarks</td>
</tr>
<tr>
<td>6:00-6:10 PM</td>
<td>Session 1: Keynote 1 Chair: Dr. Carlos Espinal, Director, GHC Robert Stempel College of Public Health &amp; Social Work, FIU</td>
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<tr>
<td>6:30-7:10 PM</td>
<td>Session 3: The Diabetes Epidemic and Associated Determinants Chair: Dr. Elena Bastida, Chairman Department of Health Promotion &amp; Disease Prevention, Robert Stempel College of Public Health &amp; Social Work, FIU</td>
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<tr>
<td>9:10-9:40 AM</td>
<td>Dr. Jesús Felipe González, Health Secretary, Mexico Country experiences: Diabetes prevention and control, Mexico</td>
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<tr>
<td>9:40-10:00 AM</td>
<td>Panel Discussion</td>
</tr>
<tr>
<td>10:00-10:20 AM</td>
<td>COFFEE BREAK</td>
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<tr>
<td>10:20-10:40 AM</td>
<td>Session 4: Disaster Preparedness &amp; Global Public Health Threats in the 21st Century Chair: Dr. Eduardo Gotuzzo, Institute of Tropical Medicine, Alexander von Humboldt, Peru</td>
</tr>
<tr>
<td>10:20-10:40 AM</td>
<td>Dr. Eduardo Gotuzzo, Director, Tropical Medicine Institute Alexander von Humboldt, Cayetano Heredia University, Peru Disasters and public health: Why we are always behind schedule. Key messages</td>
</tr>
<tr>
<td>10:40-11:10 AM</td>
<td>Dr. Bruce Langheer, Faculty of Health Science Simon Fraser University, Vancouver, Canada Impact of low-level toxic chemicals and pollutants on death, disease and disability</td>
</tr>
<tr>
<td>11:10-11:40 AM</td>
<td>Dr. José Esparza, Former Senior Advisor to Bill &amp; Melinda Gates Foundation, USA Epidemics and Pandemics: Prediction, prevention, control?</td>
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<tr>
<td>11:40-12:10 PM</td>
<td>Dr. Roberto Montoya, Regional Advisor on Malaria, Neglected, Tropical and Vector Borne Diseases, PAHO, Washington DC, USA Malaria in the Americas: challenges to the malaria elimination strategy</td>
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<tr>
<td>12:10-12:35 PM</td>
<td>Panel Discussion</td>
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<tr>
<td>12:35-1:35 PM</td>
<td>LUNCH</td>
</tr>
<tr>
<td>1:35-2:20 PM</td>
<td>Session 5: Malaria Champions of the Americas Pan American Health Organization Chair: Dr. Jessy Devieux, Robert Stempel College of Public Health &amp; Social Work, FIU</td>
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<tr>
<td>1:35-2:20 PM</td>
<td>Dr. Roberto Montoya, Regional Advisor on Malaria, Neglected, Tropical and Vector Borne Diseases, PAHO, Washington DC, USA Malaria Champions of the Americas: The Regional Malaria Advocacy platform Videos: HAITI and DOMINICAN REPUBLIC: Binational Plan for Malaria Elimination in Hispaniola Island - Guanamante-Dajabon Project BRAZIL: Project Eirunepé - “From Chaos to Surveillance” BRASIL: Parque Nacional do Jaú (PNU) Amazonas Project, Instituto Oswaldo Cruz, Fundacao Oswaldo Cruz (IOC/FIOCRUZ)</td>
</tr>
<tr>
<td>2:20-2:40 PM</td>
<td>Panel Discussion</td>
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Conference: Day 2 | May 24, 2018

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15-8:30 AM</td>
<td>Session 2: Keynote 2</td>
</tr>
<tr>
<td>8:15-8:30 AM</td>
<td>Dr. Elena Bastida, Chair, Department of Health Promotion &amp; Disease Prevention, Robert Stempel College of Public Health &amp; Social Work, FIU Introduction of Keynote Speaker</td>
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<tr>
<td>8:30-9:10 AM</td>
<td>Dr. Camilo Ricordi, Director, Diabetes Research Institute, University of Miami, Miami, USA Advances in diabetes care and prevention</td>
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### Session 6: Keynote 3, 4
**Environment & Health Sciences**

**Chair:** Dr. Carlos Espinal, Director, Global Health Consortium, FIU

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<th>Time</th>
<th>Event</th>
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| 2:40-2:45 PM | Dr. Carlos Espinal, Director, GHC, FIU  
Introduction of Keynote Speaker |
| 2:45-3:15 PM | Dr. Tomás R. Guilarte, Dean, Robert Stempel College of Public Health & Social Work, FIU, USA  
Childhood lead intoxication and cognitive deficits: from despair to hope |
| 3:15-3:45 PM | Mr. Ruben Almoguer, Executive Director, Academy for International Disaster Preparedness, FIU  
Disaster Medical Response Systems & Teams |
| 3:45-4:10 PM | COFFEE BREAK |

### Session 7: Keynote 5
**Chair:** Dr. Kalai Mathee, Herbert Wertheim College of Medicine, FIU

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<th>Time</th>
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| 4:10-4:15 PM | Dr. Kalai Mathee, Herbert Wertheim College of Medicine, FIU  
Introduction to Keynote Speaker |
| 4:15-4:45 PM | Dr. Roberto Tapia-Conyer, CEO, Carlos Slim Foundation, Mexico  
Advances on the Health Agenda in the Meso-American Initiative |

### Session 8: The Opioid Epidemic
**Chair:** Dr. Mario De La Rosa, CRUSADA, Robert Stempel College of Public Health & Social Work, FIU

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<th>Time</th>
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| 4:45-5:10 PM | Dr. Alice Asher, Division of Viral Hepatitis, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, CDC, Atlanta, USA  
Hepatitis C and the opioid epidemic |
| 5:10-5:35 PM | Dr. Felicia Knaul, Institute for the Advanced Study of the Americas, University of Miami, Miami, USA  
The Lancet Commission Report: Access in palliative care and pain relief—an imperative of universal health coverage |
| 5:35-5:45 PM | Panel Discussion |
| 5:45 PM     | Dr. Carlos Espinal, Director, GHC, FIU  
Thank you Remarks |
Avances en Inmunizaciones en las Américas
Financiamiento de programas de vacunación nacionales

22 Mayo 2018 | 8:15 AM - 5:30 PM
Kovens Conference Center | Únicamente Por Invitación

Coordinación General:
Dr. Carlos Espinal
Director, Global Health Consortium
Robert Stempel College of Public Health & Social Work, FIU

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| 8:15-8:30 AM  | Apertura, bienvenida
Objetivos de la Reunión
Dr. Carlos Espinal, Director, GHC, Robert Stempel College of Public Health & Social Work, FIU |
|               | Sesión 1: Conferencias Magistrales. El marco regional.
Moderadores: Dr. Carlos Espinal, Director, GHC, FIU |
| 8:30-8:55 AM  | Presentación: Dra. Jose Esparza, USA
Vacunología: lecciones de la historia |
| 8:55-9:20 AM  | Presentación: Dra. Alba Maria Ropero, Organización Panamericana de la Salud OPS
Estado actual de los programas de inmunizaciones, avances, elementos críticos, obstáculos al rendimiento del programa, y nuevas vacunas |
| 9:20-9:45 AM  | Presentación: Dra. Ana Carvalho, Sabin Vaccine Institute, USA
Inmunización en el contexto de la salud adolescente. Actualización de la Asociación Internacional de Gerentes de Inmunización (IAIM) |
| 9:45-10:30 AM | Discusión, Mesa Redonda. Reportes de los Países |
| 10:30-10:50 AM| RECESO |
|               | Sesión 2: Vulnerabilidad de los Programas de Inmunización
Moderador: Dra. Maria Luisa Avila, Costa Rica |
| 10:50 AM-12:10 PM | Presentación: Dra. Desiree Pastor, Organización Panamericana de la Salud, OPS
Sarampión: Una Amenaza Global y Regional |
|               | Presentación: Dra. Antonia Maria da Silva Teixeira, Brasil
Fiebre Amarilla: Un Brote sin Precedentes |
|               | Presentación: Dra. Desiree Pastor, Organización Panamericana de la Salud, OPS
Difteria: el resurgimiento de las amenazas olvidadas |
|               | Presentación: Dr. Jaime Torres, Venezuela
Actualización de las enfermedades previnibles por vacunas en Venezuela y su impacto en la Región. |
| 12:10-12:30 PM | Discusión, Mesa Redonda: Experiencias de los Países, Brotos en la Región, Análisis de riesgos, estrategias de impacto y control. Respuesta regional vs local. Papel de los movimientos antivacunas en la región. |

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| 12:30-12:55 PM| Presentación: Dra. Cristina Marino, Colombia
¿Resurgimiento de la tos ferina? Recomendaciones de vacunas, coberturas en niños, embarazo, desafíos y obstáculos para alcanzar el objetivo |
| 12:55-1:55 PM | ALMUERZO |
| 1:55-2:20 PM  | Presentación: Dra. Maria Luisa Avila, Costa Rica
Papel de las vacunas en la resistencia a los antimicrobianos RAM: evidencias y recomendaciones |
| 2:20-2:45 PM  | Presentación: Dra. Maria Elena Villar, FIU, USA
Transferencia de la ciencia al público: un paso fundamental para obtener el respaldo de la sociedad civil para la vacunación |
| 2:45-3:10 PM  | Presentación: Lic. Pilar Collantes, Perú
Participación de la comunidad, la activa participación en la política de vacunación y monitoreo de estrategias de vacunación |
| 3:10-3:30 PM  | Discusión de grupo |
| 3:30-3:50 PM  | RECESO |
|               | Sesión 3: Perspectivas Regionales
Moderadores: Dr. Abel Mascaréñas, México / Lic. Edson Aguilar, Perú |
| 12:30-12:55 PM| Presentación: Dra. Cristina Marino, Colombia
¿Resurgimiento de la tos ferina? Recomendaciones de vacunas, coberturas en niños, embarazo, desafíos y obstáculos para alcanzar el objetivo |
| 12:55-1:55 PM | ALMUERZO |
| 1:55-2:20 PM  | Presentación: Dra. Maria Luisa Avila, Costa Rica
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Participación de la comunidad, la activa participación en la política de vacunación y monitoreo de estrategias de vacunación |
| 3:10-3:30 PM  | Discusión de grupo |
| 3:30-3:50 PM  | RECESO |
|               | Sesión 4: Experiencias en los Países, Retos de los programas nacionales.
Financiamiento de los Programas de Inmunización |
| 3:50-4:00 PM  | Experiencias en los Países:
México: Dra. Lourdes Motta, Asociación Mexicana de Salud Pública
Estudio del caso: Un modelo para desarrollar una ley de vacunación: relevancia para asegurar el financiamiento sostenible de los programas de vacunación. |
|               | Brasil: Luis Martino de Aquino
El paradigma de la Salud y la transición epidemiológica |
|               | México: Verónica Carrón
Honduras: Idethi Berenice Molina
Panama: Itzel S de Hewitt
Costa Rica: Roberto Arroba

Discusión, Mesa Redonda: Obstáculos y avances ¿Cómo asegurar un programa de vacunación robusto y sostenible?
• Mecanismos innovadores.
• Nueva dimensión del fondo rotatorio de la OPS.
• Nuevas vacunas y expansión de las vacunas existentes: varicela, influenza, tos ferina y vacuna antineumocócica en adultos mayores. |
| 5:40 PM       | Conclusiones, Clausura
Dr. Carlos Espinal, Director, GHC, FIU |
Environment & Health Sciences
Lead and Mercury Impact on Environment and Human Health

May 22, 2018 | 8:15 AM – 5:30 PM
Kovens Conference Center | By Invitation Only

General Coordinators:
Dr. Carlos Espinal
Director, Global Health Consortium
Robert Stempel College of Public Health & Social Work
Florida International University

Dr. Anthoni Llau
Research Scientist, Global Health Consortium
Robert Stempel College of Public Health & Social Work
Florida International University

TIME EVENT

9:00-9:15 AM Welcome remarks, Meeting Objectives
Dr. Carlos Espinal, Director, GHC, Robert Stempel College of Public Health & Social Work, FIU

9:15-9:45 AM Session 1: Global/Regional Perspectives
Moderator: Dr. Carlos Espinal, Global Health Consortium, FIU

Presentation: Dr. Tomás R. Guilarte, Dean, Robert Stempel College of Public Health & Social Work, FIU, USA
A vision of Brain, Behavior & the Environment Research at FIU

9:45-10:15 AM Presentation: Dr. Bruce Lanphear, Faculty of Health Sciences Simon Fraser, University of Vancouver, Canada
Lead levels and cardiovascular death in US

10:15 -10:35 AM COFFEE BREAK

10:35-11:05 AM Presentation: Dr. Kelly Polido Kaneshiro, Dep. Saúde Ambiental, Fac de Saúde Pública, Univ de São Paulo, Brazil
Lead levels in children in Latin America and the Caribbean. Potential impact on human health.

11:05-11:30 AM Discussion, Conclusions.

11:30-11:55 AM Presentation: Dr. Carlos Espinal, Director, GHC, FIU
Regional vision and policy guidelines on Lead & Mercury in the Americas

11:55 AM-12:20 PM Presentation: Dr. Piero Gardinali, Associate Director Southeast Environmental Research Center (SERC), FIU
Reference laboratory and quality control in environmental health sciences. Discussion, conclusions.

12:20-1:30 PM LUNCH

1:30-2:50 PM Session 2: Country experiences
Moderators: Dr. Fabian Mendez, School of Public Health, University of el Valle, Colombia
Dr. Kelly Polido Kaneshiro, Dep. Saúde Ambiental, Fac de Saúde Pública, Univ de São Paulo, Brazil

1:30 AM Brazil

Presentation: Dra. Carmen Prôes, Universidade Federal do Rio de Janeiro, Brazil
Mercury exposure effects on Brazilian children’s health.

Presentation: Dra. Sandra de Souza Hacon, National School of Public Health Oswaldo Cruz, Foundation Fiocruz, Brazil
Mercury exposure in traditional communities in the Amazon, Brazil.

Peru

Presentation: Dr. Jonh Astete, Instituto Nacional de Salud, Ministerio de Salud
Dr. Alejandro Llanes, Instituto Medicina Tropical AvH, UPCH
Health impact of lead and mercury on Peruvian population.

2:50-3:10 PM Discussion, Conclusions.

3:10-3:50 PM COFFEE BREAK

3:50–4:20 PM Colombia

Presentation: Dr. Jesus Olivero-Verbel, Coordinador Doctorado en Toxicología Ambiental, Universidad de Cartagena
Mercury and Lead exposure and adverse health effects in Colombia

Presentation: Dr. David Combariza, Sub-Dirección Salud Ambiental, Ministerio de Salud, Universidad Nacional
Lead and mercury in Colombia: A public health crisis. MOH action plan

4:20-5:00 PM Presentation (10’): Local experiences: Colombia, Peru, Brazil, US

5:00-5:30 PM General discussion. Conclusions. Agenda 2018-2020
Dr. Anthoni Llau, GHC, FIU
Environment & Health Sciences
Lead and Mercury Impact on Environment and Human Health

23 Mayo 2018 | 9:30 AM - 4:00 PM
Robert Stempel College of Public Health & Social Work | Únicamente Por Invitación

Coordinación General: Dr. Carlos Espinal
Director, Global Health Consortium
Robert Stempel College of Public Health & Social Work, FIU

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<tr>
<th>TIME</th>
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<tbody>
<tr>
<td>8:45 AM</td>
<td>Arrival to FIU</td>
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<tr>
<td>9:00-9:30 AM</td>
<td>Dr. Tomás R. Guilarte Welcome remarks. Objectives of the visit, expectations.</td>
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<tr>
<td>9:30-9:50 AM</td>
<td>Dr. Tomás R. Guilarte Robert Stempel College of Public Health &amp; Social Work: Academic and research opportunities</td>
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<tr>
<td>9:50-10:50 AM</td>
<td>Round Table Discussion: Dr. Agnes Soares, PAHO: Brief presentation on Regional Landscape Key issues for discussion: • Interest on partnerships • Training opportunities • Collaboration in research and capacity building • Gaps in knowledge in the Region.</td>
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<tr>
<td>10:50-11:15 AM</td>
<td>COFFEE BREAK</td>
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<tr>
<td>11:15 AM -12:00 PM</td>
<td>Dr. Piero Gardinali Visit to the Center for Aquatic Chemistry and Ecotoxicology (CAChE) Nutrient Core facility (MMC, VH 3rd Floor) Discussion on training, reference and quality control</td>
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<tr>
<td>12:00-1:00 PM</td>
<td>LUNCH BREAK</td>
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<tr>
<td>1:00-2:00 PM</td>
<td>Transferring to Biscayne Bay Campus</td>
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<td>2:00-5:00 PM</td>
<td>(Cont) Dr. Piero Gardinali • Visit to the Environmental Analysis Research Laboratory (EARL) (BBC, MSB230/232) Marine Sciences Building, 3rd floor • Visit the Ecotoxicology and Risk Assessment Laboratory (BBC, EL1) Discussion on training, reference and quality control</td>
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<tr>
<th>PARTICIPANTS</th>
<th>INSTITUTION</th>
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<tbody>
<tr>
<td>Dr. Tomás R. Guilarte</td>
<td>Dean, Robert Stempel College Public Health &amp; Social Work, FIU</td>
<td>USA</td>
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<tr>
<td>Dr. Piero Gardinali</td>
<td>Associate Director, Southeast Environmental Research Center (SERC) Institute for Water and Environment (IWE), FIU</td>
<td>USA</td>
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<tr>
<td>Dr. Bruce Lanphear</td>
<td>Faculty of Health Science Simon Fraser, University of Vancouver</td>
<td>Canada</td>
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<td>Dr. Kelly Polido Kaneshiro O.</td>
<td>Dep. Saúde Ambiental, Fac de Saúde Pública, Un S Paulo</td>
<td>Brazil</td>
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<tr>
<td>Dr. Carmen Froes</td>
<td>Universidade Federal do Rio de Janeiro</td>
<td>Brazil</td>
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<tr>
<td>Dr. Agnes Soares</td>
<td>Pan American Health Organization PAHO</td>
<td>USA</td>
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<td>Dr. Sandra de Souza Harcon</td>
<td>National School of Public Health Oswaldo Cruz Foundation (FIOCRUZ)</td>
<td>Brazil</td>
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<tr>
<td>Dr. David Combariza</td>
<td>Subdirección Salud Ambiental, Dirección de Promoción y Prevención Ministerio de Salud y Protección Social</td>
<td>Colombia</td>
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<tr>
<td>Dr. Jesus Olivero-Vervel</td>
<td>Coordinador, Doctorado en Toxicología Ambiental, Universidad de Cartagena</td>
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<td>Dr. Jose Luis Marugo</td>
<td>Universidad de Cordoba</td>
<td>Colombia</td>
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<tr>
<td>Dr. Fabian Mendez</td>
<td>Director Escuela de Salud Pública, Coordinador Grupo GESP Universidad del Valle</td>
<td>Colombia</td>
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<td>Dr. Jonh Astete</td>
<td>Instituto Nacional de Salud, Ministerio de Salud</td>
<td>Peru</td>
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<td>Dr. Luis Jorge Hernandez</td>
<td>Universidad de los Andes, Facultad de Medicina</td>
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<td>Dr. Alejandro Llanos</td>
<td>Instituto Medicina Tropical Alexander von Humboldt, UPCH</td>
<td>Peru</td>
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<td>Dr. Julio Alberto Rincen</td>
<td>COSESAM</td>
<td>Colombia</td>
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<td>Dr. Nadia Mayorili Ariza</td>
<td>Ministerio de Salud</td>
<td>Colombia</td>
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<td>Dr. Luz Adriana Angel</td>
<td>Presidente COSESAM</td>
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<td>Dr. Carlos Eduardo Jurado</td>
<td>Director Salud ANDI</td>
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<td>Dr. Monica Negrete</td>
<td>Médicos sin Fronteras</td>
<td>Colombia</td>
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<td>Dr. Carlos Federico Molina</td>
<td>Politécnico Medellin Colombia</td>
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Arbovirus en América Latina y el Caribe: 
Estrategias y Retos para la Prevención y el Control

23 Mayo 2018 | 8:30 AM – 5:30 PM
Kovens Conference Center | Únicamente Por Invitación

Dr. Carlos Espinal
Director, Global Health Consortium
Robert Stempel College of Public Health & Social Work, FIU

Dr. José Luis San Martín Martínez
Asesor Regional de Dengue
Neglected, Tropical and Vector-borne Diseases
Organización Panamericana de la Salud (OPS)

Dr. Anthoni Llau
Research Scientist, Global Health Consortium
Robert Stempel College of Public Health & Social Work, FIU

HORA EVENTO

| 8:15-8:30 AM | Apertura, Objetivos de la Reunión. Dr. Carlos Espinal, Global Health Consortium, FIU DR. José Luis San Martín, Organización Panamericana de la Salud, OPS |
| 8:30-8:55 AM | Presentación: Dr. José Luis San Martín, OPS/OMS
Contexto epidemiológico y escenarios de dengue |
| 8:55-9:20 AM | Presentación: Dr. Thais dos Santos, OPS/OMS
Situación actual del Zika y Chikungunya en la región |
| 9:20-9:50 AM | Discusión general |
| 9:50-10:15 AM | RECESO |
| 10:15-10:40 AM | Presentación: Dr. Gamaliel Gutiérrez Castillo, OPS
Protocolo genérico para el dengue e integración de otros Arbovirus |

Sección 1: EGI Arbovirus en el continente Americano
MODERADOR: Dr. Carlos Espinal, Global Health Consortium, FIU

- 10:40-11:05 AM Presentación: Dr. Jose Cruz, Secretaria de Salud, México
   - Experiencia de países: México
   - Retos, obstáculos y propuestas de vigilancia de dengue y arbovirus

- 11:05-11:30 AM Presentación: Dr. Jorge Munoz CDC Dengue Branch, Puerto Rico, Dr. Jairo Mendez, OPS
   - Los retos en el diagnóstico de Dengue y Zika en áreas de co-endemicidad

- 11:30 AM - 12:00 PM Discusión, conclusiones

- 12:00-1:00 PM ALMUERZO

Sección 2: La vigilancia epidemiológica de las Arbovirosis.
La transición de dengue al contexto integrado de los Arbovirus.
MODERADOR: Dr. Joao Bosco, Universidad de Goiás, Brasil

- 1:00-1:30 PM Presentación: Lic. Haroldo Bessaa, OPS/OMS
   - El Manejo Integrado de vectores: Una mirada regional

- 1:30-2:30 PM
   - MODERADOR: Dr. Milena Mazari
   - Las nuevas tecnologías en las Américas: Mosquitos irradiados, Wolbachia, mosquitos transgénicos
   - Presentación: Dr. Iván Darío Veléz, PECET, Universidad de Antioquia, Colombia
   - Avances en la implementación de Wolbachia y el control del dengue en Medellín, Colombia
   - Presentación: Sergio Luiz Bossa, Fundación Oswaldo Cruz, Brasil
   - Estaciones diseminadoras de Pipiroxifén
   - Presentación: Dr. Jesús Felipe González, Director, CENAPRED, México
   - Proyecto desarrollo de mosquitos estériles para disminuir densidades Aedes aegypti en comunidades priorizadas.
   - Conclusiones

- 2:30-2:55 PM RECESO

Sección 3: Manejo Integrado de control de vectores
Las estrategias regionales
Protocolos de evaluación de las nuevas tecnologías para el control de vectores
Diseño, implementación y evaluación de las nuevas intervenciones
MODERADOR: Dr. Haroldo Bezerra, OPS/OMS

- 1:00-1:30 PM
   - MODERADOR: Dr. Milena Mazari
   - Las nuevas tecnologías en las Américas: Mosquitos irradiados, Wolbachia, mosquitos transgénicos
   - Presentación: Dr. Iván Darío Veléz, PECET, Universidad de Antioquia, Colombia
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   - Conclusiones

- 2:30-2:55 PM RECESO

Sección 4: ¿Debemos prepararnos para escenarios de alto impacto en dengue?
MODERADOR: Dr. Carlos Espinal, Director, Global Health Consortium, FIU

- 2:55-3:20 PM
   - MODERADOR: Dra. Diana Rojas, University of Florida, USA
   - Aplicación del modelamiento en la transmisión de los arbovirus

- 3:20-3:45 PM
   - MODERADOR: Dra. Diana Rojas, University of Florida, USA
   - Aplicación del modelamiento en la transmisión de los arbovirus

- 3:45-5:15 PM
   - GRUPOS DE TRABAJO (2):
   - ¿Debemos prepararnos para escenarios de alto impacto en dengue?
     - Estrategias para mitigar el impacto en morbilidad y mortalidad en dengue
     - ¿Cómo anticipar estos escenarios potenciales en los programas de control de vectores?

- 5:15 PM
   - CONCLUSIONES Y CIERRRE DE LA REUNION
   - Dr. Carlos Espinal, Director, Global Health Consortium, FIU
**Política Pública en Intervenciones en Salud:**
La Hipercolesterolemia como Factor de Riesgo en Diabetes y Enfermedad Cardiovascular: Una Llamada a la Acción en América Latina y el Caribe

**25 Mayo 2018 | 8:15 AM - 5:15 PM**
Kovens Conference Center | Únicamente Por Invitación

**Coordinación General:**
Dr. Carlos Espinal  
Director, Global Health Consortium  
Robert Stempel College of Public Health & Social Work, FIU

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<td>8:15–8:30 AM</td>
<td>Apertura. Objetivos de la Reunión. Dr. Carlos Espinal, Director, GHC, FIU</td>
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<tr>
<td>8:30-9:00 AM</td>
<td>Sesión 1: Conferencias Magistrales</td>
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| 9:00-9:30 AM | Discusión, conclusiones  
Moderador: Dr. Carlos Espinal, Director, GHC, FIU                       |
| 9:30-9:50 AM | Presentación: Dr. Enrique Vega, Organización Panamericana de la Salud  
La Salud en el curso de vida. Impacto de la transición demográfica y epidemiológica en la salud y bienestar |
| 9:50-10:15 AM | Presentación: Dr. Pedro Mata, Presidente Fundación Española de Hipercolesterolemia Familiar y de la Red Iberoamericana de Hipercolesterolemia Familiar  
Hipercolesterolemia Familiar: Un modelo de medicina preventiva |
| 10:15-10:45 AM | Presentación: Dr. Pedro Greer, Chair, Department of Humanities, Health and Society;  
Associate Dean, College of Medicine community Engagement, College of Medicine, FIU  
Intervenciones exitosas: Programa Medicina de Familia, College of Medicine, FIU |
| 10:45-11:15 AM | Presentación: Dr. Raul Dos Santos, President, International Atherosclerosis Society IAS  
Associate Professor and Director Lpid Clinic Heart Institute (InCor) University of Sao Paulo Medical School Hospital Sao Paulo  
Visión de la International Atherosclerosis Society |

**9:00-9:30 AM**
Presentación: Dr. Pedro Mata, Presidente Fundación Española de Hipercolesterolemia Familiar y de la Red Iberoamericana de Hipercolesterolemia Familiar  
**Hipercolesterolemia Familiar: Un modelo de medicina preventiva**

**9:30-9:50 AM**
Discusión, conclusiones  
**Moderador:** Dr. Carlos Espinal, Director, GHC, FIU

**10:15-10:45 AM**
Presentación: Dr. Pedro Greer, Chair, Department of Humanities, Health and Society;  
Associate Dean, College of Medicine community Engagement, College of Medicine, FIU  
**Intervenciones exitosas: Programa Medicina de Familia, College of Medicine, FIU**

**10:45-11:15 AM**
Presentación: Dr. Raul Dos Santos, President, International Atherosclerosis Society IAS  
Associate Professor and Director Lpid Clinic Heart Institute (InCor) University of Sao Paulo Medical School Hospital Sao Paulo  
**Visión de la International Atherosclerosis Society**

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**Sesión 2:** Visión regional/global. ¿Dónde estamos en el colesterol "road map"?
**Políticas públicas**

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| 1:30-3:00 PM | Mesa redonda: Política pública, vigilancia en salud pública, casos exitosos  
Dr. Jesus Felipe Gonzalez, México  
Dr. Alejandro Arrieta, FIU, USA  
Dr. Rodrigo Alonso, Chile  
Dr. Gerardo Elikir, Argentina  
Dr. Pablo Corral, Argentina  
Dr. Pedro Mata, España  
Dr. Carlos Castro, México  
Dr. Rafael Campo, Colombia  
Dr. Alvaro Ruiz, Colombia  
**Conclusiones**  
**Moderador:** Dr. Carlos Espinal, Director, GHC, FIU |
| 3:00-3:25 PM | Presentación: Dr. Carlos Castro, CEO IH-Hub, México  
La sociedad civil en la construcción de la visión pública. Acceso a la salud universal y a los programas de prevención y tratamiento |

**Sesión 3:** Participación y relevancia de la sociedad civil y la comunicación y el "social media"

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| 3:25-3:50 PM | Presentación: Dr. Maria Elena Villar, School of Communication, FIU  
La transferencia de la ciencia al público: la importancia de la comunicación de la salud para alcanzar los objetivos de salud globales |
| 3:50-4:15 PM | Mesa redonda: Todos los participantes  
**Conclusiones**  
**Moderador:** Dr. Rodrigo Alonso, Jefe Departamento de Nutrición, Clínica los Condes, Chile |
| 4:15-4:35 PM | Mesa redonda: Propuesta de agenda, iniciativas claves, plan de acción.  
**Clausura**  
**Moderador:** Dr. Carlos Espinal, Director, GHC, FIU |

**Sesión 4:** Agenda 2018-2021

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| 4:35-5:15 PM | Mesa redonda: Propuesta de agenda, iniciativas claves, plan de acción.  
**Clausura**  
**Moderador:** Dr. Carlos Espinal, Director, GHC, FIU |

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*8th International Conference on Global Health*  
Florida International University | Global Health Consortium