



**PAHO**



Pan American  
Health  
Organization



World Health  
Organization  
REGIONAL OFFICE  
Americas

# **PAHO/WHO Collaborating Centres**

By Strategic Plan Outcome

2020 - 2025

## PAHO/WHO Collaborating Centres by Outcome

**Disclaimer:** The information contained in this document has the sole purpose of listing all active PAHO/WHO Collaborating Centres in the Americas organized by PAHO's 2020-2025 Strategic Plan Outcomes. Furthermore, it does not constitute official information about such Centres. This document may be used to complement other information obtained through official channels.

<b>Outcome</b>	<b>Number of Centres Aligned to Outcome</b>
<b>OUTCOME 19: Health promotion and intersectoral action</b>	<b>20</b>
<b>OUTCOME 7: Health Workforce</b>	<b>21</b>
<b>OUTCOME 24: Epidemic and pandemic prevention and control</b>	<b>19</b>
<b>OUTCOME 17: Elimination of communicable diseases</b>	<b>16</b>
<b>OUTCOME 8: Access to Health Technologies</b>	<b>15</b>
<b>OUTCOME 5: Access to services for NCDs and mental health conditions</b>	<b>14</b>
<b>OUTCOME 18: Social and environmental determinants</b>	<b>9</b>
<b>OUTCOME 12: Risk factors for communicable diseases</b>	<b>11</b>
<b>OUTCOME 21: Data, information, knowledge, and evidence</b>	<b>10</b>
<b>OUTCOME 23: Health emergencies preparedness and risk reduction</b>	<b>8</b>
<b>OUTCOME 4: Response capacity for communicable diseases</b>	<b>9</b>
<b>OUTCOME 20: Integrated information systems for health</b>	<b>9</b>
<b>OUTCOME 1: Access to comprehensive and quality health services</b>	<b>8</b>
<b>OUTCOME 22: Research, ethics, and innovation for health</b>	<b>8</b>
<b>OUTCOME 13: Risk factors for NCDs</b>	<b>6</b>
<b>OUTCOME 2: Health throughout the life course</b>	<b>5</b>
<b>OUTCOME 3: Quality care for older people</b>	<b>6</b>
<b>OUTCOME 15: Intersectoral response to violence and injuries</b>	<b>3</b>
<b>OUTCOME 25: Health Emergencies Detection and Response</b>	<b>1</b>
<b>OUTCOME 6: Response capacity for violence and injuries</b>	<b>1</b>
<b>OUTCOME 9: Strengthened stewardship and governance</b>	<b>1</b>
<b>OUTCOME 10: Increased public financing for health</b>	<b>1</b>
<b>OUTCOME 16: Intersectoral action on mental health</b>	<b>1</b>
<b>OUTCOME 27: Leadership and governance</b>	<b>1</b>
<b>OUTCOME 11: Strengthened financial protection</b>	<b>-</b>
<b>OUTCOME 26: Cross-Cutting Themes: Equity, Ethnicity, Gender, and Human Rights</b>	<b>-</b>
<b>OUTCOME 14: Malnutrition</b>	<b>-</b>
<b>OUTCOME 28: Management and administration</b>	<b>-</b>
<b>TOTAL</b>	<b>203*</b>
<b>*This number is different than the total number of CCs as several CCs align with multiple outcomes.</b>	

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REF #	Entity and Outcome	WHO Official Name	RO	TC	Institution
<b>OUTCOME 1: Access to comprehensive and quality health services</b>					
<a href="#">CHI-18</a>	FPL 1 and 2	WHO CC for Development of <b>Midwifery</b>	Bremen De Mucio (PAHO)	Anayda Portela (WHO)	Escuela de Obstetricia, Departamento de Promoción de la Salud de la Mujer y el Recién Nacido, Facultad de Medicina, Universidad de Chile
<a href="#">USA-351</a>	FPL 1, 2 and 19	WHO CC for Research Evidence for <b>Sexual and Reproductive</b> Health	Mandita Thatte (WHO)	Rodolfo Gomez (PAHO)	Department of Maternal and Child Health, School of Public Health, University of North Carolina
<a href="#">MEX-25</a>	HSS 1	WHO CC on Quality of Care and <b>Patient Safety</b>	Jonas Gonseth-Garcia (PAHO)	Katthyana Aparicio (WHO)	Comisión Nacional de Arbitraje Médico (CONAMED), Secretaria de Salud
<a href="#">PER-10</a>	HSS 1	WHO CC on <b>Traditional and Complimentary Medicine</b>	Hernan Luque (PAHO)	Qi Zhang (WHO)	Gerencia de Medicina Complementaria, Gerencia Central de Prestaciones de Salud, Seguro Social de Salud (EsSalud)
<a href="#">CAN-102</a>	HSS 1	WHO Collaborating Centre on <b>Family Medicine and Primary Care</b>	Ann-Lise Guisset (WHO)	Hernan Luque (PAHO)	Department of Family and Community Medicine, University of Toronto
<a href="#">BRA-87</a>	FPL 1	WHO CC to Strengthen <b>Human Milk Banks</b>	Pablo Duran (PAHO)	Ornella Lincetto (WHO)	Instituto Nacional de Saúde da Mulher, da Criança e do Adolescente Fernandes Figueira (IFF), Fundação Oswaldo Cruz (Fiocruz), Ministério da Saúde

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<a href="#">BRA-88</a>	HSS 1, 7 and 21	WHO CC on Innovation in <b>Virtual Education for Health</b>	Gabriel Listovsky (PAHO)	Gaya Gamhewage (WHO)	Laboratório de Inovação Tecnológica em Saúde (LAIS) Universidade Federal Do Rio Grande Do Norte
<a href="#">CAN-113</a>	HSS 1	WHO CC for <b>Health Services and Systems Performance</b>	Kathryn O'Neill (WHO)	Amalia del Riego (PAHO)	Institute for Global Public Health at the Rady Faculty of Health Sciences, University of Manitoba
<b>OUTCOME 2: Health throughout the life course</b>					
<a href="#">USA-429</a>	FPL 2	WHO CC for Quality-Improvement, Evidence-Based <b>Dentistry</b>	Enrique Vega (PAHO)	Benoit Varenne (WHO)	Department of Epidemiology and Health Promotion, College of Dentistry, New York University
<a href="#">USA-379</a>	FPL 2	WHO CC for Promoting <b>Family and Child Health</b>	Pablo Duran (PAHO)	Anshu Banerjee (WHO)	Center for Global Health, School of Public Health, University of Colorado
<a href="#">ARG-40</a>	FPL 2, 21 and 22	WHO CC for Research in <b>Human Reproduction</b>	Bremen De Mucio (PAHO)	Olufemi Oladapo (WHO)	Epidemiology Unit, Centro Rosarino de Estudios Perinatales
<b>OUTCOME 3: Quality care for older people</b>					
<a href="#">CUB-20</a>	FPL 3	WHO CC in Public Health and <b>Aging</b>	Enrique Vega (PAHO)	Ritu Sandana (WHO)	Department of Surveillance of Ageing and Health, Research Center in Longevity, Ageing and Health (CITED)
<a href="#">USA-303</a>	FPL 3	WHO CC in <b>Gerontological Nursing Education</b>	Enrique Vega (PAHO)	Ritu Sandana (WHO)	College of Nursing, New York University
<a href="#">USA-405</a>	FPL 3	WHO CC in <b>Aging and Health</b>	Enrique Vega (PAHO)	Ritu Sandana (WHO)	Sealy Center on Aging, University of Texas Medical Branch (UTMB)
<a href="#">CHI-24</a>	FPL 3, 18	WHO CC for <b>Age-friendly Ecosystems</b>	Enrique Vega (PAHO)	Christopher Mikton (WHO)	Centro Interdisciplinario para el Desarrollo del Adulto Mayor

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					– Gerópolis UV, Vice Rectoría de Vinculación con el Medio Universidad de Valparaíso
<a href="#">MEX-36</a>	FPL 3	WHO CC in Integrated Care for <b>Healthy Aging</b>	Enrique Vega (PAHO)	Yuka Sumi (WHO)	Dirección de Investigación, Instituto Nacional de Geriatria (INGER)
<a href="#">CAN-97</a>	FPL 3	WHO CC for <b>Age-friendly</b> Cities and Communities	Alana Officer (WHO)	Enrique Vega (PAHO)	Centre de recherche sur le vieillissement, Centre intégré universitaire de santé et de services sociaux de l'Estrie, Université de Sherbrooke
<b>OUTCOME 4: Response capacity for communicable diseases</b>					
<a href="#">ARG-15</a>	CDE 4	WHO CC for Epidemiology and Control of <b>Tuberculosis</b>	Pedro Avedillo (PAHO)	Giuliano Gargioni (WHO)	Instituto Nacional de Enfermedades Respiratorias "Emilio Coni"
<a href="#">CUB-18</a>	CDE 4	WHO CC for the Study and Control of <b>Dengue</b>	Jose Luis San Martin (PAHO)	Raman Velayudhan (WHO)	Dengue Laboratory, Institute of Tropical Medicine "Pedro Kouri"
<a href="#">FRA-125</a>	CDE 4	WHO CC for Surveillance of <b>Anti-malarial Drug Resistance</b>	Maria Paz Ade (PAHO)	Pascal Ringwald (WHO)	Laboratoire de Parasitologie National Reference Center for Malaria in French Guiana and French West Indies, Institut Pasteur de la Guyane
<a href="#">USA-470</a>	CDE 4	WHO CC for <b>Prevention and Control of Malaria</b>	Erin Shutes (WHO)	Maria Paz Ade (PAHO)	Malaria Branch, Division of Parasitic Diseases and Malaria at the Center for Global Health, Centers for Disease Control and Prevention (CDC)
<a href="#">ARG-29</a>	CDE 4 and 12	WHO CC for Insecticide Resistance and Insecticide Research on <b>Chagas and Dengue</b> Vectors	Haroldo Bezerra (PAHO)	Raman Velayudhan (WHO)	Centro/Departamento de Investigaciones de Plagas e Insecticidas (CIPEIN or DIPEIN), Unidad de Investigación y

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					Desarrollo Estratégicos para la Defensa (UNIDEF), Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET)
<a href="#">MEX-29</a>	CDE 4 and 17	WHO CC for Training on <b>Malaria</b> Microscopy Diagnosis	Maria Paz Ade (PAHO)	Andrea Bosman (WHO)	Laboratorio de Paludismo, Departamento de Parasitología, Instituto de Diagnóstico y Referencia Epidemiológicos (InDRE), Secretaria de Salud
<a href="#">BRA-65</a>	CDE 4, 24 and 25	WHO CC for <b>Leptospirosis</b>	Baldomero Molina (PAHO)	Eric Bertherat (WHO)	Laboratório de Referência Nacional em Leptospiriose, Instituto Oswaldo Cruz, Oswaldo Cruz Foundation (FIOCRUZ)
<a href="#">USA-367</a>	FPL 4	WHO CC for <b>Vaccine</b> Epidemiology and Evaluation	Tracey Goodman (WHO)	Lucia Helena de Oliveira (PAHO)	Johns Hopkins Vaccine Initiative (JHVI), Department of International Health, Bloomberg School of Public Health, Johns Hopkins University
<a href="#">USA-454</a>	CDE 4	WHO CC for Streptococcus Infections	Fatima Serhan (WHO)	Gloria Rey (PAHO)	Division of Bacterial Diseases, Streptococcus Laboratory, Centers for Disease Control and Prevention (CDC)
<b>OUTCOME 5: Access to services for NCDs and mental health conditions</b>					
<a href="#">CAN-44</a>	NMH 5	WHO CC on <b>Noncommunicable Disease Policy</b>	Silvana Luciani (PAHO)	Temo Waqanivalu (WHO)	Centre for Chronic Disease Prevention and Control (CCDPC), Public Health Agency of Canada

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<a href="#">USA-424</a>	NMH 5	WHO CC for Global <b>Cancer</b> Control	Andre Ilbawi (WHO)	Silvana Luciani (PAHO)	Center for Global Health, National Cancer Institute, National Institutes of Health (NIH)
<a href="#">USA-445</a>	NMH 5	WHO CC for Childhood <b>Cancer</b>	Andre Ilbawi (WHO)	Silvana Luciani (PAHO)	Department of Global Pediatric Medicine, St. Jude Children's Research Hospital
<a href="#">USA-473</a>	NMH 5	WHO CC for <b>Cervical Cancer</b> Elimination	Princess Simelela (WHO)	Mauricio Maza (PAHO)	Sylvester Comprehensive Cancer Center, University of Miami
<a href="#">USA-456</a>	NMH 5	WHO CC for <b>Alcohol Epidemiology and Injury</b>	Maristela Monteiro (PAHO)	Vladimir Poznyak (WHO)	Alcohol Research Group (ARG), Public Health Institute
<a href="#">CAN-114</a>	NMH 5	WHO CC on <b>Alcohol and Public Health Policy</b> Research	Maristela Monteiro (PAHO)	Vladimir Poznyak (WHO)	Canadian Institute for Substance Use Research (CISUR), University of Victoria
<a href="#">MEX-28</a>	NMH 5	WHO CC for Research and Training in <b>Mental Health and Substance Abuse</b>	Vladimir Poznyak (WHO)	Maristela Monteiro (PAHO)	National Institute of Psychiatry "Ramon de la Fuente Muniz"
<a href="#">CAN-32</a>	NMH 5	WHO CC for Research and Training in <b>Mental Health</b>	Claudina Cayetano (PAHO)	Michelle Funk (WHO)	Douglas Mental Health University Institute, McGill University
<a href="#">CHI-20</a>	NMH 5	WHO CC for Education and Service Development for People with <b>Epilepsy</b>	Claudina Cayetano (PAHO)	Tarun Dua (WHO)	Liga Chilena contra la Epilepsia
<a href="#">HON-1</a>	NMH 5	WHO CC for Research and Community Intervention in <b>Epilepsy</b>	Claudina Cayetano (PAHO)	Tarun Dua (WHO)	Neurology Training Program, Faculty of Medical Sciences, National Autonomous University of Honduras
<a href="#">USA-418</a>	NMH 5	WHO CC for Training and Community <b>Mental Health</b>	Claudina Cayetano (PAHO)	Mark Van Ommeren (WHO)	Department of Psychiatry, School of Medicine, Loma Linda University

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<a href="#">USA-421</a>	NMH 5	WHO CC for Capacity Building and Training in Global <b>Mental Health</b>	Devora Kestel (WHO)	Claudina Cayetano (PAHO)	Department of Psychiatry, College of Physicians and Surgeons, Columbia University
<a href="#">BRA-80</a>	NMH 5	WHO CC for <b>Rehabilitation</b>	Antony Duttine (PAHO)	Maria Cieza (WHO)	Institute of Physical Medicine and Rehabilitation (IMREA), General Hospital of the University of Sao Paulo
<a href="#">ARG-30</a>	HSS 5,8,12, and 21	WHO CC on the Rational Use of <b>Medicines</b>	Jose Luis Castro (PAHO)	Gilles Forte (WHO)	Centre for Pharmacology, School of Medicine, National University of La Plata
<b>OUTCOME 6: Response capacity for violence and injuries</b>					
<a href="#">USA-439</a>	NMH 6	WHO CC for <b>Emergency and Trauma Care</b>	Tamitza Toroyan (WHO)	Britta Baer (PAHO)	Department of Emergency Medicine, University of California at San Francisco
<b>OUTCOME 7: Health workforce</b>					
<a href="#">BRA-32</a>	HSS 7	WHO CC for <b>Nursing</b> Research Development	Jose Francisco Garcia Gutierrez (PAHO)	Carey McCarthy (WHO)	College of Nursing at Ribeirão Preto, University of São Paulo
<a href="#">BRA-59</a>	HSS 7	WHO CC for Education of <b>Health Technicians</b>	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	Escola Politécnica de Saúde Joaquim Venancio (EPSJV), Fundação Oswaldo Cruz (FIOCRUZ)
<a href="#">CAN-39</a>	HSS 7	WHO CC in Primary Care <b>Nursing</b> and Health <b>Human Resources</b>	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	School of Nursing, Faculty of Health Sciences, McMaster University
<a href="#">CHI-19</a>	HSS 7	WHO CC for <b>Health Services</b> and <b>Nursing</b> Development for Noncommunicable Disease Care	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	Escuela de Enfermería, Pontificia Universidad Católica de Chile
<a href="#">JAM-15</a>	HSS 7	WHO CC for <b>Nursing and Midwifery</b> Development in the Caribbean	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	School of Nursing (UWISON), University of the West Indies

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<a href="#">MEX-19</a>	HSS 7	WHO CC for the Development of <b>Professional Nursing</b>	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	Escuela Nacional de Enfermería y Obstetricia, Universidad Nacional Autónoma de México
<a href="#">USA-193</a>	HSS 7	WHO CC for <b>International Nursing</b> Development in Primary Health Care	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	College of Nursing, University of Illinois at Chicago
<a href="#">USA-206</a>	HSS 7	WHO CC for <b>Nursing and Midwifery</b> Leadership	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	School of Nursing, University of Pennsylvania
<a href="#">USA-241</a>	HSS 7	WHO CC for <b>International Nursing</b>	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	School of Nursing, University of Alabama at Birmingham (UAB)
<a href="#">USA-272</a>	HSS 7	WHO CC for <b>Advanced Practice Nursing</b>	Silvia Cassiani (PAHO)	Giorgio Cometto (WHO)	School of Nursing, Columbia University
<a href="#">USA-283</a>	HSS 7	WHO CC for Research and Clinical Training in <b>Health Promotion Nursing</b>	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	School of Nursing, Office of International Affairs, University of Michigan
<a href="#">USA-297</a>	HSS 7	WHO CC for <b>Nursing</b> Information, Knowledge Management and Sharing	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	Center for Global Nursing, Johns Hopkins School of Nursing
<a href="#">USA-349</a>	HSS 7	WHO CC for <b>Nursing Human Resources</b> Development and Patient Safety	Silvia Cassiani (PAHO)	Carey McCarthy (WHO)	School of Nursing and Health Studies, University of Miami
<a href="#">TRT-1</a>	HSS 7	WHO CC in <b>Nursing Policies and Leadership</b>	Silvia Cassiani (PAHO)	Giorgio Cometto (WHO)	School of Nursing, University of West Indies at St. Augustine
<a href="#">USA-461</a>	HSS 7	WHO CC in <b>Quality and Safe Education in Nursing and Midwifery</b>	Silvia Cassiani (PAHO)	Giorgio Cometto (WHO)	School of Nursing, University of North Carolina at Chapel Hill
<a href="#">USA-401</a>	HSS 7	WHO CC for <b>Medical Education and Primary Health Care</b>	Jose Francisco Garcia Gutierrez (PAHO)	Giorgio Cometto (WHO)	National Center for Rural Health Professions, University of Illinois at Rockford
<a href="#">USA-336</a>	HSS 7	WHO CC for Innovative <b>Health Workers Education</b> , Service and Research Models	Jose Francisco Garcia Gutierrez (PAHO)	Giorgio Cometto (WHO)	Office of International Health, Health Sciences Center, University of New Mexico

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<a href="#">CAN-56</a>	HSS 7	WHO CC on <b>Health Science Education</b> and Practice	Jose Francisco Garcia Gutierrez (PAHO)	Giorgio Cometto (WHO)	Faculty of Medicine and Health Sciences, University of Sherbrooke
<a href="#">BRA-66</a>	HSS 7	WHO CC for <b>Health Workforce</b> Planning and Information	Karen Gladbach (PAHO)	Khassoum Diallo (WHO)	Department of Health Planning and Administration, Social Medicine Institute (ISM), University of the State of Rio de Janeiro
<a href="#">CAN-65</a>	HSS 7	WHO CC on <b>Health Workforce</b> Planning and Research	Karen Gladbach (PAHO)	James Campbell (WHO)	School of Nursing, Faculty of Health Professions, Dalhousie University
<b>OUTCOME 8: Access to health technologies</b>					
<a href="#">USA-440</a>	CDE 8	WHO CC on Digital Health and Precision Medicine for <b>Tuberculosis</b>	Dennis Falzon (WHO)	Pedro Avedillo (PAHO)	Center for Tuberculosis, Mayo Clinic
<a href="#">USA-407</a>	HSS 8	WHO CC for <b>Traditional Medicine</b>	Aditi Bana (WHO)	Jose Luis Castro (PAHO)	College of Pharmacy, University of Illinois at Chicago
<a href="#">ARG-42</a>	HSS 8	WHO CC on <b>Donation and Transplantation</b>	Mauricio Beltran (PAHO)	Jose Núñez Pena (WHO)	Centro Único Coordinador de Ablación e Implante (INCUCAI)
<a href="#">BRA-53</a>	HSS 8	WHO CC for Quality Control of Serology in <b>Blood</b> Banks	Mauricio Beltran (PAHO)	Junping Yu (WHO)	Superintendência de Serologia e Controle de Qualidade, Fundação Pro-Sangue-Hemocentro de São Paulo (FPS/HSP)
<a href="#">USA-304</a>	HSS 8	WHO CC in <b>Pharmaceutical</b> Policy	Tomas Pippo (PAHO)	Gilles Forte (WHO)	Department of Global Health, School of Public Health, Boston University
<a href="#">BRA-56</a>	HSS 8	WHO CC for <b>Pharmaceutical</b> Policies	Christophe Rerat (WHO)	Tomas Pippo (PAHO)	Nucleus for Pharmaceutical Policies, National School of Public Health, Fundação Oswaldo Cruz (FIOCRUZ)

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<a href="#">CAN-82</a>	HSS 8	WHO CC for Governance, Transparency and Accountability in the <b>Pharmaceutical</b> Sector	Deirdre Dimancesco (WHO)	Analia Porras (PAHO)	Leslie Dan Faculty of Pharmacy, University of Toronto
<a href="#">USA-289</a>	HSS 8	WHO CC for <b>Biological</b> Standardization	Ivana Knezevic (WHO)	Analia Porras (PAHO)	Center for Biologics Evaluation and Research (CBER), Food and Drug Administration (FDA)
<a href="#">CAN-94</a>	HSS 8	WHO CC for Standardization and Evaluation of <b>Biologicals</b>	Ivana Knezevic (WHO)	Maria Pombo-Castro (PAHO)	Biologics and Generics Therapies Directorate, Health Products and Food Branch, Health Canada
<a href="#">ARG-33</a>	HSS 8	WHO CC in Health <b>Technology Assessment</b> (HTA)	Alexandre Lemgruber (PAHO)	Adriana Velazquez (WHO)	Department of Health Technology Assessment and Economic Evaluation, Instituto de efectividad clínica y sanitaria (IECS)
<a href="#">CUB-26</a>	HSS 8	WHO CC for the Regulation of Health <b>Technologies</b>	Alexandre Lemgruber (PAHO)	Adriana Velazquez (WHO)	Subdirección de Equipos Médicos, Centro para el Control Estatal de Medicamentos, Equipos y Dispositivos Médicos (CECMED)
<a href="#">MEX-24</a>	HSS 8	WHO CC in Health <b>Technology</b>	Alexandre Lemgruber (PAHO)	Adriana Velazquez (WHO)	Centro Nacional de Excelencia Tecnológica en Salud (CENETEC)
<a href="#">USA-423</a>	HSS 8	WHO CC for Health <b>Technology</b> Management	Alexandre Lemgruber (PAHO)	Adriana Velazquez (WHO)	Technical Services Partnership, University of Vermont
<a href="#">CAN-108</a>	HSS 8 and 21	WHO CC for <b>Knowledge Translation and Health Technology Assessment for Health Equity</b>	Alexandre Lemgruber (PAHO)	Adriana Velazquez (WHO)	Bruyere Research Institute
<b>OUTCOME 9: Strengthened stewardship and governance</b>					

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<a href="#">USA-414</a>	LEG 9 and 23	WHO CC for National and Global <b>Health Law</b>	Heidi Jimenez (PAHO)	Steven Solomon (WHO)	Georgetown University Law Center, O’Neill Institute for National and Global Health Law, Georgetown University
<b>OUTCOME 10: Increased public financing for health</b>					
<a href="#">TRT-2</a>	HSS 10	WHO CC for Health <b>Economics and Financing</b>	Claudia Pescetto (PAHO)	Joseph Kutzin (WHO)	Health Economics Unit (HEU), Centre for Health Economics, Department of Economics, The University of the West Indies
<b>OUTCOME 11: Strengthened financial protection</b>					
<b>OUTCOME 12: Risk factors for communicable diseases</b>					
<a href="#">ARG-43</a>	CDE 12	WHO CC on <b>Antimicrobial Resistance Surveillance</b>	Pilar Ramon Pardo (PAHO)	Carmem Pessoa Da Silva (WHO)	Instituto Nacional de Enfermedades Infecciosas, Administración Nacional de Laboratorios e Institutos de Salud ('ANLIS) “Dr. Carlos Malbrán”
<a href="#">COR-11</a>	CDE 12	WHO CC on <b>Antimicrobial Resistance (AMR) Surveillance</b>	Pilar Ramon Pardo (PAHO)	Jorge Matheu (WHO)	Centro Nacional de Referencia de Bacteriología, Insituto Costarricense de Investigación y Enseñanza en Nutrición y Salud (INCIENSA)
<a href="#">CAN-106</a>	CDE 12	WHO CC on Global Governance of <b>Antimicrobial Resistance</b>	Anand Balachandran (WHO)	Pilar Ramon Pardo (PAHO)	Global Strategy Lab, York University
<a href="#">USA-458</a>	CDE 12	WHO CC for International Monitoring of Bacterial Resistance to <b>Antimicrobial Agents</b>	Carmem Pessoa Da Silva (WHO)	Pilar Ramon Pardo (PAHO)	Division of Healthcare Quality Promotion at the National Center for Emerging and Zoonotic Infectious Diseases (NCEZID), Centers for Disease Control and Prevention (CDC)

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<a href="#">USA-449</a>	CDE 12	WHO Collaborating Centre for <b>Global One Health and Antimicrobial Resistance</b> Initiatives	Jorge Matheu (WHO)	Margarita Corrales (PAHO)	Department of Population Health and Pathobiology, College of Veterinary Medicine, North Carolina State University
<a href="#">USA-438</a>	CDE 12	WHO CC for <b>Sexually Transmitted Infections</b> Prevention	Teodora Wi (WHO)	Ramon Mayorga Sagastume (PAHO)	Laboratory Reference and Research Branch, Division of Sexually Transmitted Disease Prevention, National Center for HIV, Viral Hepatitis, STD and TB Prevention, Centers for Disease Control and Prevention (CDC)
<a href="#">URU-4</a>	CDE 12	WHO CC for <b>Food Analysis</b>	Margarita Corrales (PAHO)	Jorge Matheu (WHO)	Coordinación de Calidad, Laboratorio Tecnológico del Uruguay (LATU)
<a href="#">USA-451</a>	CDE 12	WHO Collaborating Centre for <b>Antimicrobial Resistance and Stewardship</b>	Saskia Nahrgang (EURO)	Peter Beyer (WHO)	Division of Infectious Diseases and Geographic Medicine; Stanford Antimicrobial Safety & Sustainability Program, Stanford University School of Medicine
<a href="#">USA-464</a>	CDE 12	WHO Collaborating Center for Reference and Research on <b>Viral Hepatitis</b>	Olufunmilayo Lesi (WHO)	Ruben Mayorga (PAHO)	Division of Viral Hepatitis (DVH), National Center for HIV/AIDS, Viral Hepatitis, STD and TB Prevention, Centers for Disease Control and Prevention (CDC)
<b>OUTCOME 13: Risk factors for NCDs</b>					
<a href="#">CAN-87</a>	NMH 13	WHO CC on <b>Nutrition</b> Policy for Chronic Disease Prevention	Leendert Nederveen (PAHO)	Chizuru Nishida (WHO)	Department of Nutritional Sciences (DNS), University of Toronto

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<a href="#">CAN-98</a>	NMH 13	WHO CC on <b>Nutrition</b> Changes and Development	Fabio Da Silva Gomes (PAHO)	Chizuru Nishida (WHO)	Department of Nutrition, Faculty of Medicine, Université de Montréal
<a href="#">BRA-54</a>	NMH 13	WHO CC for <b>Tobacco</b> Control	Adriana Bacelar (PAHO)	Kerstin Schotte (WHO)	Secretaria Executiva da Comissão Nacional para Implementação da Convenção-Quadro para o Controle do Tabaco (CONICQ), Instituto Nacional de Câncer (INCA)
<a href="#">USA-307</a>	NMH 13 and 21	WHO CC on <b>Tobacco</b> Control Surveillance and Evaluation	Diana Ceron (PAHO)	Kerstin Schotte (WHO)	Department of Epidemiology, Institute for Global Tobacco Control (IGTC), School of Public Health, Johns Hopkins University
<a href="#">USA-302</a>	NMH 13 and 21	WHO CC on <b>Tobacco</b> Control Policy Development	Ranti Fayokun (WHO)	Adriana Bacelar (PAHO)	Center for Tobacco Control, Research and Education, University of California
<a href="#">CAN-29</a>	NMH 13	WHO CC for <b>Addiction and Mental Health</b>	Vladimir Poznyak (WHO)	Maristela Monteiro (PAHO)	Centre for Addiction and Mental Health (CAMH)
<b>OUTCOME 14: Malnutrition</b>					
<b>OUTCOME 15: Intersectoral response to violence and injuries</b>					
<a href="#">BRA-61</a>	NMH 15	WHO CC for Research on <b>Violence</b> Prevention	Robert Butchart (WHO)	Britta Baer (PAHO)	Núcleo de Estudos da Violência (NEV), University of Sao Paulo
<a href="#">USA-210</a>	NMH 15	WHO CC for <b>Injury</b> Control	Robert Butchart (WHO)	Britta Baer (PAHO)	National Center for Injury Prevention & Control (NCIPC), Centers for Disease Control and Prevention (CDC)
<a href="#">USA-355</a>	NMH 15	WHO CC for <b>Injuries, Violence and Accident</b> Prevention	David Meddings (WHO)	Britta Baer (PAHO)	International Injury Research Unit, International Health Department, Bloomberg School of Public Health, Johns Hopkins University

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<b>OUTCOME 16: Intersectoral action on mental health</b>					
<a href="#">USA-416</a>	NMH 16	WHO CC for Research on <b>Psychiatric Epidemiology and Mental Health</b>	Claudina Cayetano (PAHO)	Tarun Dua (WHO)	Department of Psychiatry and Human Behavior, Warren Alpert Medical School, Brown University
<b>OUTCOME 17: Elimination of communicable diseases</b>					
<a href="#">CUB-29</a>	CDE 17	WHO CC for <b>Tuberculosis Elimination</b>	Pedro Avedillo (PAHO)	Giuliano Gargioni (WHO)	Laboratorio Nacional de Referencia de TB, Lepra y Micobacterias; Departamento de Bacteriología-Micología, Centro de Investigación, Diagnóstico y Referencia (CIDR), Instituto de Medicina Tropical “Pedro Kouri” (IPK)
<a href="#">ARG-14</a>	CDE 17	WHO CC for Research, Referential Diagnosis, Biological Production & Training in <b>Chagas &amp; Parasitic Diseases</b>	Luis Castellanos (PAHO)	Pedro Albajar (WHO)	Instituto Nacional de Parasitología (INP), Administración Nacional de Laboratorios e Institutos de Salud (ANLIS)
<a href="#">ARG-35</a>	CDE 17	WHO CC for <b>Chagas</b> Disease Clinic and Medical Care	Luis Castellanos (PAHO)	Pedro Albajar (WHO)	Center for Chagas Disease and Regional Pathology, Direction of Vector Borne Diseases, Ministry of Health of Santiago del Estero
<a href="#">BRA-49</a>	CDE 17	WHO CC for Training and Research in <b>Urban Zoonoses Control</b>	Marco Vigilato (PAHO)	Bernadette Abela-Ridder (WHO)	Centro de Controle de Zoonoses, Prefeitura de São Paulo
<a href="#">BRA-75</a>	CDE 17	WHO CC in <b>Rabies</b>	Marco Vigilato (PAHO)	Bernadette Abela-Ridder (WHO)	Instituto Pasteur de São Paulo
<a href="#">CAN-37</a>	CDE 17	WHO CC for Control, Pathogenesis and	Bernadette Abela-Ridder	Marco Vigilato (PAHO)	Centre of Expertise (COFE) for Rabies, Ottawa Laboratory

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		Epidemiology of <b>Rabies</b> in Carnivores	(WHO)		Fallowfield (OLF), Canadian Food Inspection Agency
<a href="#">USA-130</a>	CDE 17	WHO CC for Reference and Research on <b>Rabies</b>	Bernadette Abela-Ridder (WHO)	Marco Vigilato (PAHO)	Rabies Program, Poxvirus and Rabies Branch, Division of High Consequence Pathogens and Pathology (DHCPP), National Center for Emerging and Zoonotic Infectious Diseases (NCEZID), Centers for Disease Control and Prevention (CDC)
<a href="#">BRA-29</a>	CDE 17	WHO CC for the Training of Personnel in the Control & Research of <b>Leprosy</b> , mainly for Portuguese-Speaking Countries	Ruben Nicholls (PAHO)	Daniel Dagne (WHO)	Instituto Lauro de Souza Lima
<a href="#">BRA-57</a>	CDE 17	WHO CC for the Control, Training and Research of <b>Leprosy</b> in the Americas	Ruben Nicholls (PAHO)	Daniel Dagne (WHO)	Fundação de Dermatologia Tropical e Venereologia “Alfredo da Matta” (FUAM)
<a href="#">CAN-88</a>	CDE 17	WHO CC for Research and Training in <b>Parasite</b> Epidemiology and Control	Antonio Montresor (WHO)	Ruben Nicholls (PAHO)	Department of Epidemiology, Biostatistics and Occupational Health, Faculty of Medicine, McGill University
<a href="#">USA-182</a>	CDE 17	WHO CC for <b>Dracunculiasis</b> Eradication	Dieudonne Sankara (WHO)	Ruben Nicholls (PAHO)	Elimination and Control (Epidemiology) Team, Parasitic Disease Branch, Division of Parasitic Diseases and Malaria, Center for Global Health, Centers for Disease Control and Prevention (CDC)
<a href="#">USA-442</a>	CDE 17	WHO CC for <b>Onchocerciasis</b> Diagnostics	Dieudonne Sankara (WHO)	Ruben Nicholls (PAHO)	Department of Global Health, University of South Florida
<a href="#">USA-443</a>	CDE 17	WHO CC for <b>Trachoma</b>	Anthony Solomon (WHO)	Martha Saboya (PAHO)	Elimination and Control Laboratory Team, Parasitic

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					Diseases Branch, Division of Parasitic Diseases and Malaria, Center for Global Health, Centers for Disease Control and Prevention (CDC)
<a href="#">USA-460</a>	CDE 17	WHO CC for <b>Integrated People-centered Eye Care</b>	Silvio Mariotti (WHO)	Marta Saboya (PAHO)	Dana Center for Preventive Ophthalmology, Wilmer Eye Institute, Johns Hopkins University
<a href="#">COL-26</a>	CDE 17	WHO Collaborating Centre on <b>Leishmaniasis</b> Control	Jose Ruiz Postigo (WHO)	Ana Nilce Elkhoury (PAHO)	Centro Internacional de Entrenamiento e Investigaciones Médicas (CIDEIM)
<b>OUTCOME 18: Social and environmental determinants</b>					
<a href="#">MEX-18</a>	CDE 18	WHO CC for Research and Training in <b>Environmental</b> Epidemiology	Juan Castillo (PAHO)	Sophie Gumy (WHO)	Dirección de Salud Ambiental, Instituto Nacional de Salud Pública (INSP)
<a href="#">USA-381</a>	CDE 18	WHO CC for <b>Environmental</b> Health Sciences	Marie Noel Brune Drisse (WHO)	Juan Castillo (PAHO)	National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health (NIH)
<a href="#">MEX-21</a>	CDE 18	WHO CC on Health Risk Assessment and <b>Children's Environmental</b> Health	Marie Noel Brune Drisse (WHO)	Francisco Sanchez Otero (PAHO)	Departamento de Toxicología Ambiental, Facultad de Medicina, Universidad Autónoma de San Luis Potosí
<a href="#">USA-350</a>	CDE 18	WHO CC in <b>Environmental</b> Health	Marie Noel Brune Drisse (WHO)	Ana Boischio (PAHO)	Institute for Health & the Environment, University of Albany
<a href="#">URU-2</a>	CDE 18	WHO CC in Human <b>Environmental Toxicology</b>	Marie Noel Brune Drisse (WHO)	Ana Boischio (PAHO)	Departamento de Toxicología, Facultad de Medicina, Universidad de la República

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<a href="#">CAN-116</a>	CDE 18	WHO CC on <b>Children's Environmental Health</b>	Marie Noel Brune Drisse (WHO)	Karen Polson (PAHO)	Children's Environmental Health Clinic, Department of Pediatrics, University of Alberta
<a href="#">CAN-115</a>	CDE 18	WHO CC on <b>Environmental Health</b>	Carolyn Vickers (WHO)	Daniel Buss (PAHO)	Safe Environments Directorate, Healthy Environments and Consumer Safety Branch, Health Canada
<a href="#">USA-403</a>	CDE 18	WHO CC on <b>Water and Indoor Air Quality and Food Safety</b>	Batsiraj Majuru (WHO)	Eduardo Ortiz (PAHO)	Standards Unit, NSF International
<b>OUTCOME 19: Health promotion and intersectoral action</b>					
<a href="#">BRA-68</a>	FPL 19	WHO CC for <b>Healthy Cities and Health Promotion</b>	Gerry Eijkemans (PAHO)	Faten Ben Abdelaziz (WHO)	Centro de Estudos, Pesquisa e Documentação em Cidades Saudáveis, Faculdade de Saúde Pública, Universidade de São Paulo
<a href="#">COL-16</a>	FPL 19	WHO CC for <b>Health Promotion and Sexual and Reproductive Health</b>	Gerry Eijkemans (PAHO)	Faten Ben Abdelaziz (WHO)	Institute of Interdisciplinary Programs for Primary Health Care (PROINAPSA), Faculty of Health, Santander Industrial University
<a href="#">PUR-263</a>	FPL 19	WHO CC for Training and Research in <b>Health Promotion and Health Education</b>	Gerry Eijkemans (PAHO)	Faten Ben Abdelaziz (WHO)	Department of Social Sciences, School of Public Health, School of Public Health, Medical Sciences Campus, University of Puerto Rico
<a href="#">CUB-16</a>	FPL 19	WHO CC for Health in <b>Housing</b>	Gerry Eijkemans (PAHO)	Nathalie Roebbel (WHO)	Instituto Nacional de Higiene, Epidemiologia y Microbiología (INHEM)
<a href="#">USA-213</a>	FPL 19	WHO CC for Research on <b>Healthy Settings</b>	Gerry Eijkemans (PAHO)	Nathalie Roebbel (WHO)	Center on Health in Housing, School of Public Health and Health Professions, State

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					University of New York at Buffalo
<a href="#">CAN-110</a>	FPL 19	WHO CC on <b>Health Promotion</b>	Gerry Eijkemans (PAHO)	Faten Ben Abdelaziz (WHO)	Centre for Global Health, Dalla Lana School of Public Health, University of Toronto
<a href="#">USA-463</a>	FPL 19	WHO CC for <b>Community Health and Development</b>	Gerry Eijkemans (PAHO)	Faten Ben Abdelaziz (WHO)	Center for Community Health and Development, University of Kansas
<a href="#">COL-27</a>	FPL 19	WHO CC for <b>Evaluation, Training and Advocacy in Health Promotion</b>	Gerry Eijkemans (PAHO)	Faten Ben Abdelaziz (WHO)	Centro para el Desarrollo y Evaluación de Políticas y Tecnología en Salud Pública (CEDETES), Escuela de Salud Pública, Facultad de Salud, Universidad del Valle
<a href="#">CAN-43</a>	FPL 19	WHO CC for <b>Occupational Health and Safety</b>	Julietta Rodriguez-Guzman (PAHO)	Ivan Ivanov (WHO)	Canadian Centre for Occupational Health & Safety (CCOHS)
<a href="#">CAN-84</a>	FPL 19	WHO CC in <b>Occupational and Environmental Health</b>	Gerry Eijkemans (PAHO)	Ivan Ivanov (WHO)	The Global Health Research Program, School of Population and Public Health, University of British Columbia
<a href="#">CAN-89</a>	FPL 19	WHO CC on <b>Occupational and Environmental Cancer</b>	Julietta Rodriguez Guzman (PAHO)	Ivan Ivanov (WHO)	Occupational Cancer Research Center OCRC, Cancer Care Ontario
<a href="#">CAN-96</a>	FPL 19	WHO CC for <b>Occupational and Environmental Health</b>	Julietta Rodriguez Guzman (PAHO)	Ivan Ivanov (WHO)	Center for Interdisciplinary Research on Wellbeing, Health, Society and Environment (CINBIOSE), University of Québec in Montreal
<a href="#">CHI-10</a>	FPL 19	WHO CC for <b>Occupational Health</b>	Julietta Rodriguez Guzman (PAHO)	Ivan Ivanov (WHO)	Department of Occupational Health, Institute of Public Health

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<a href="#">COR-8</a>	FPL 19	WHO CC for <b>Occupational and Environmental</b> Epidemiology and Toxicology	Julietta Rodriguez Guzman (PAHO)	Ivan Ivanov (WHO)	Central American Institute for Studies on Toxic Substances (IRET), National University
<a href="#">GRA-1</a>	FPL 19	WHO CC on <b>Environmental and Occupational</b> Health	Julietta Rodriguez Guzman (PAHO)	Ivan Ivanov (WHO)	Department of Public Health and Preventive Medicine, School of Medicine, St. George's University
<a href="#">USA-260</a>	FPL 19	WHO CC for <b>Occupational and Environmental</b> Health	Julietta Rodriguez Guzman (PAHO)	Ivan Ivanov (WHO)	Great Lakes Center for Occupational & Environmental Safety & Health, School of Public Health, University of Illinois at Chicago
<a href="#">CUB-30</a>	FPL 19	WHO CC for <b>Occupational</b> Health	Julietta Rodriguez Guzman (PAHO)	Ivan Ivanov (WHO)	Occupational Epidemiology Department, National Institute of Workers' Health, Ministry of Health
<a href="#">USA-334</a>	FPL 19	WHO CC on <b>Occupational</b> Health	Ivan Ivanov (WHO)	Julietta Rodriguez Guzman (PAHO)	Occupational Health Program, School of Medicine, University of Maryland
<a href="#">COL-24</a>	FPL 19	WHO CC for <b>Occupational</b> Health	Ivan Ivanov (WHO)	Julietta Rodriguez Guzman (PAHO)	Occupational Health Program, El Bosque University
<b>OUTCOME 20: Integrated information systems for health</b>					
<a href="#">ARG-36</a>	EIH 20	WHO CC for the <b>Family of International Classifications</b>	Marcelo D'Agostino (PAHO)	Nenad Kostanjsek (WHO)	Dirección de Estadísticas e Información de Salud (DEIS), Ministerio de Salud de la Nación
<a href="#">MEX-23</a>	EIH 20	WHO CC for <b>Family of International Classifications</b>	Marcelo D'Agostino (PAHO)	Nenad Kostanjsek (WHO)	Classifications of Information on Health, General Direction of Health Information, Ministry of Health

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<a href="#">CAN-112</a>	EIH 20	WHO CC for WHO <b>Family of International Classifications</b> (WHOFIC)	Maaya Sugai (WHO)	Marcelo D'Agostino (PAHO)	Clinical Data Standards and Quality, Canadian Institute of Health Information (CIHI)
<a href="#">ARG-34</a>	EIH 20	WHO CC in <b>Knowledge Management</b>	Marcelo D'Agostino (PAHO)	Diana Zandi (WHO)	Departamento de Informática en Salud, Hospital Italiano de Buenos Aires
<a href="#">SPA-50</a>	EIH 20	WHO CC in <b>eHealth</b>	Marcelo D'Agostino (PAHO)	Remesha Krishnamurthy (WHO)	Faculty of Health Sciences, Universitat Oberta de Catalunya (UOC)
<a href="#">USA-450</a>	EIH 20	WHO CC for <b>Information Systems</b> for Health	Marcelo D'Agostino (PAHO)	Remesha Krishnamurthy (WHO)	Center for Public Health Analytics, School of Information Sciences, University of Illinois
<a href="#">USA-388</a>	EIH 20	WHO CC for <b>Classifications, Terminologies and Standards</b>	Nenad Kostanjsek (WHO)	Marcelo D'Agostino (PAHO)	Stanford Center for Biomedical Informatics, Stanford University
<a href="#">CAN-80</a>	EIH 20	WHO CC for <b>Classification, Terminology and Standards</b>	Nenad Kostanjsek (WHO)	Marcelo D'Agostino (PAHO)	Institute for Public Health (IPH), Faculty of Medicine, University of Calgary
<a href="#">USA-148</a>	EIH 20	WHO CC for the WHO <b>Family of International Classifications</b>	Nola Tomaska (WHO)	Marcelo D'Agostino (PAHO)	Classifications and Public Health Data Standards, National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC)
<b>OUTCOME 21: Data, information, knowledge, and evidence</b>					
<a href="#">BRA-76</a>	EIH 21	WHO CC for <b>Global Health</b> and <b>South-South</b> Collaboration	Eliane Pereira (PAHO)	Ian Roberts (WHO)	Centro de Relações Internacionais em Saúde (CRIS), Fundação Oswaldo Cruz (FIOCRUZ)

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<a href="#">CUB-27</a>	EIH 21	WHO CC in <b>Knowledge Management and Scientific Communication</b>	Eliane Pereira (PAHO)	Ian Roberts (WHO)	Centro Nacional de Información de Ciencias Médicas, Ministerio de Salud Pública
<a href="#">BRA-84</a>	EIH 21	WHO CC for <b>Health Equity</b> Monitoring	Ahmadeza Hosseinpoor (WHO)	Oscar Mujica (PAHO)	International Center for Equity In Health, Federal University of Pelotas
<a href="#">CAN-72</a>	EIH 21	WHO CC for <b>Evidence-Informed</b> Policy	Taghreed Adam (WHO)	Ludovic Reveiz (PAHO)	McMaster Health Forum, McMaster University
<b>OUTCOME 22: Research, ethics, and innovation for health</b>					
<a href="#">CAN-101</a>	CDE 22	WHO CC for <b>Tuberculosis</b> Research	Denis Falzon (WHO)	Pedro Avedillo (PAHO)	McGill International Tuberculosis Centre, at the McGill University Health Centre, McGill University Institute
<a href="#">ARG-41</a>	HSS 22	WHO CC for <b>Bioethics</b>	Carla Saenz (PAHO)	Andreas Reis (WHO)	Programa de Bioética; Área Ética, Derechos y Bienes Públicos Globales, Facultad Latinoamericana de Ciencias Sociales (FLACSO)
<a href="#">CHI-21</a>	HSS 22	WHO CC for <b>Bioethics</b>	Carla Saenz (PAHO)	Andreas Reis (WHO)	Centro de Bioética Facultad de Medicina Clínica Alemana, Universidad del Desarrollo
<a href="#">CAN-58</a>	HSS 22	WHO CC for <b>Bioethics</b>	Andreas Reis (WHO)	Carla Saenz (PAHO)	Joint Centre for Bioethics, University of Toronto
<a href="#">USA-330</a>	HSS 22	WHO CC in <b>Ethics</b> and Global Health Policy	Andreas Reis (WHO)	Carla Saenz (PAHO)	Institute for Bioethics and Health Policy, Miller School of Medicine, University of Miami
<a href="#">CAN-105</a>	EIH 22	WHO CC for <b>Infectious Diseases Research, Methods and Recommendations</b>	Lorenzo Mojal (WHO)	Ludovic Reveiz (PAHO)	Department of Health Research Methods, Evidence,

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					and Impact, McMaster University
<a href="#">USA-457</a>	HSS 22	WHO CC on <b>Nutrition Research for Health</b>	Liane Gross (WHO)	Luis Gabriel Cuervo (PAHO)	Division of Nutritional Sciences, Cornell University
<b>OUTCOME 23: Health emergencies preparedness and risk reduction</b>					
<a href="#">USA-453</a>	PHE 23	WHO CC for <b>Global Health Security</b>	Maurizio Barbeschi (WHO)	Sylvain Aldighieri (PAHO)	Center for Health Security, Bloomberg School of Public Health, Johns Hopkins University
<a href="#">USA-359</a>	PHE 23	WHO CC for Implementation of <b>IHR</b> Core Capacities	Tamara Mancero (PAHO)	Jaouad Mahjour (WHO)	Programs and Partners Team, Global Health Security Branch, Division of Global Health Protection, Center for Global Health, Centers for Disease Control and Prevention (CDC)
<a href="#">CHI-23</a>	PHE 23	WHO Collaborating Centre for the <b>International Health Regulations (IHR)</b>	Tamara Mancero (PAHO)	Rajesh Sreedharan (WHO)	Center for Epidemiology and Health Policy, Faculty of Medicine, Universidad del Desarrollo
<a href="#">USA-333</a>	PHE 23	WHO CC for Emergency <b>Preparedness and Disaster Response</b>	Alex Camacho (PAHO)	Rudi Coninx (WHO)	Yale New Haven Center for Emergency Preparedness and Disaster Response, Yale New Haven Health
<a href="#">USA-162</a>	PHE 23	WHO CC for <b>Radiation</b> Emergency Assistance	Zhanat Carr (WHO)	Ciro Ugarte (PAHO)	Radiation Emergency Assistance Center/Training Site (REAC/TS), Oak Ridge Institute for Science & Education (ORISE)
<a href="#">USA-436</a>	PHE 23	WHO CC on Research and Development of <b>Surgical Care Systems Policy</b>	Edward Kelley (WHO)	Ciro Ugarte (PAHO)	Program in Global Surgery and Social Change, Harvard Medical School, Harvard University

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<a href="#">MEX-35</a>	PHE 23	WHO CC for <b>Resilient Health Services</b>	Alex Camacho (PAHO)	Jostacio Lapitan (WHO)	División de Proyectos Especiales en Salud de la Dirección de Prestaciones Médicas, Instituto Mexicano del Seguro Social (IMSS)
<b>OUTCOME 24: Epidemic and pandemic prevention and control</b>					
<a href="#">USA-155</a>	PHE 24	WHO CC for <b>Viral Hemorrhagic Fevers</b>	Pierre Formenty (WHO)	Sylvain Aldighieri (PAHO)	Viral Special Pathogens Branch (VSPB), Division of High Consequence Pathogens and Pathology (DHCPP), National Center for Emerging Zoonotic Infectious Diseases (NCEZID), Centers for Disease Control and Prevention (CDC)
<a href="#">USA-397</a>	PHE 24	WHO CC for <b>Bacterial Vector-Borne Diseases</b>	Eric Bertherat (WHO)	Sylvain Aldighieri (PAHO)	Bacterial Diseases Branch, Division of vector Borne infectious Diseases, Centers for Diseases Control and Prevention (CDC)
<a href="#">MEX-31</a>	PHE 24	WHO CC on <b>Laboratory Biosafety</b>	Jean-Marc Gabastou (PAHO)	Kazunobu Kojima (WHO)	Departamento de Control de Muestras y Servicios, Instituto de Diagnóstico y Referencia Epidemiológicos (InDRE), Secretaría de Salud
<a href="#">MEX-34</a>	PHE 24	WHO CC on <b>Laboratory Quality Management</b>	Jean-Marc Gabastou (PAHO)	Sebastien Cognat (WHO)	Dirección de Servicios y Apoyo Técnico DSAT, Instituto de Diagnóstico y Referencia Epidemiológicos (InDRE), Secretaría de Salud
<a href="#">CAN-92</a>	PHE 24	WHO CC for <b>Biosafety and Biosecurity</b>	Kazunobu Kojima (WHO)	Jean-Marc Gabastou (PAHO)	Centre for Biosecurity, Health Security Infrastructure Branch, Public Health Agency of Canada (PHAC)

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<a href="#">USA-448</a>	PHE 24	WHO CC for <b>Biosafety and Biosecurity</b>	Kazunobu Kojima (WHO)	Jean-Marc Gabastou (PAHO)	Office of the Associate Director for Laboratory Science, Center for Global Health, Centers for Disease Control and Prevention (CDC)
<a href="#">USA-358</a>	PHE 24	WHO CC for <b>Meningitis</b>	Katya Fernandez (WHO)	Jean-Marc Gabastou (PAHO)	Division of Bacterial Diseases, Meningitis and Vaccine Preventable Diseases Branch, National Center for Immunization and Respiratory Diseases (NCIRD), Centers for Disease Control and Prevention (CDC)
<a href="#">MEX-32</a>	PHE 24	WHO CC for <b>Arboviruses</b>	Jairo Mendez (PAHO)	Pierre Formenty (WHO)	Laboratorio de Arbovirus y Virus Hemorrágicos, Departamento de Virología, Instituto de Diagnóstico y Referencia Epidemiológicos (InDRE), Secretaría de Salud
<a href="#">BRA-89</a>	PHE 24	WHO CC for <b>Emerging and Re-emerging Arboviruses and other Emerging Zoonotic Viruses</b>	Jairo Mendez (PAHO)	Pierre Formenty (WHO)	SAARB - Seção de Arbovirologia e Febres Hemorrágicas, Serviço Técnico-Científico, Instituto Evandro Chagas, Ministério da Saúde
<a href="#">USA-118</a>	PHE 24	WHO CC for Surveillance, Epidemiology and Control of <b>Influenza</b>	Wenqing Zhang (WHO)	Jairo Mendez (PAHO)	Influenza Division, National Center for Immunization and Other Respiratory Diseases, Centers for Disease Control and Prevention (CDC)
<a href="#">USA-126</a>	PHE 24	WHO CC for <b>Smallpox and Other Poxvirus Infections</b>	Rosamund Lewis (WHO)	Jairo Mendez (PAHO)	National Center for Emerging and Zoonotic Infectious Diseases, Poxvirus and Rabies Branch, Division of High

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					Consequence Pathogens and Pathology, Centers for Disease Control and Prevention (CDC)
<a href="#">USA-147</a>	PHE 24	WHO CC for Studies on the Ecology of <b>Influenza in Animals</b>	Wenqing Zhang (WHO)	Jairo Mendez (PAHO)	Department of Virology & Molecular Biology, St. Jude Children's Research Hospital, University of Tennessee
<a href="#">ARG-19</a>	PHE 24	WHO CC for Reference and Research of <b>Arbovirus and Hemorrhagic Fevers</b> Virosis	Pierre Formenty (WHO)	Jairo Mendez (PAHO)	Instituto Nacional de Enfermedades Virales Humanas (INEVH)
<a href="#">USA-354</a>	PHE 24	WHO CC for <b>Arthropod-Borne Viruses</b> Reference and Research	Laurence Cibrelus (WHO)	Jairo Mendez (PAHO)	National Center for Emerging and Zoonotic Infectious Diseases, Division of Vector-Borne Diseases, Arboviral Diseases Branch, Centers for Disease Control and Prevention (CDC)
<a href="#">USA-441</a>	PHE 24	WHO CC for Inference and Dynamics of <b>Infectious Diseases</b>	Ana Maria Henao (WHO)	Andrea Vicari (PAHO)	Vaccine and Infectious Diseases Division, Fred Hutchinson Cancer Research Center
<a href="#">USA-417</a>	PHE 24	WHO CC for Surveillance, Epidemiology and Control of <b>Salmonella</b> and other <b>Foodborne Diseases</b>	Maria Almiron (PAHO)	Jorge Matheu (WHO)	Division of Foodborne, Waterborne and Environmental Diseases, National Center for Emerging Zoonotic and Infectious Diseases, Centers for Disease Control and Prevention (CDC)
<a href="#">MEX-33</a>	PHE 24	WHO CC on Antimicrobial Resistance in <b>Foodborne and Environmental Bacteria</b>	Pilar Ramon Pardo (PAHO)	Jorge Matheu (WHO)	Dirección General de Inocuidad Agroalimentaria Acuicola y Pesquera, Servicio Nacional de Sanidad. Inocuidad y Calidad Agroalimentaria (SENASICA)

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<a href="#">USA-447</a>	PHE 24	WHO CC for Emerging Infectious Disease Response Research and Preparedness	Nahoko Shindo (WHO)	Ciro Ugarte (PAHO)	Office of the Director, National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH)
<b>OUTCOME 25: Health Emergencies Detection and Response</b>					
<b>OUTCOME 26: Cross-Cutting Themes: Equity, Ethnicity, Gender, and Human Rights</b>					
<b>OUTCOME 27: Leadership and governance</b>					
<a href="#">CUB-31</a>	CMU 27	WHO CC for on Communication Strategies and Social Network Content	Ary Silva (PAHO)	Alison Brunier (WHO)	Facultad de Comunicación, Universidad de la Habana
<b>OUTCOME 28: Management and administration</b>					

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