### WEDNESDAY, APRIL 13TH

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am – 5:00 pm</td>
<td>AFMR Eastern Regional Meeting (Invite Only)</td>
<td>Hampton Room</td>
</tr>
<tr>
<td>7:30 am – 1:00 pm</td>
<td>NIH Clinical Center Tour (Times Include Travel)</td>
<td>Meet in the Omni Shoreham Main Lobby at 7:15 am</td>
</tr>
<tr>
<td>8:00 am – 9:15 am</td>
<td>Advocacy Training</td>
<td>Palladian Ballroom</td>
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<tr>
<td>9:15 am – 1:00 pm</td>
<td>Capitol Hill Advocacy Visits</td>
<td>Meet in the Omni Shoreham Main Lobby at 9:15 am</td>
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<tr>
<td>12:30 pm – 4:00 pm</td>
<td>CTSA Workforce Development DTF Meeting</td>
<td>Palladian Ballroom</td>
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<tr>
<td>2:00 pm – 2:30 pm</td>
<td>Mock Study Kick Off</td>
<td>Diplomat Ballroom</td>
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<tr>
<td>2:30 pm – 5:00 pm</td>
<td>Pre-Doctoral and Post-Doctoral Mock Study Sections (Pre-Registration Required)</td>
<td>Congressional A, Congressional B, Cabinet, Forum, Council, Senate, Calvert</td>
</tr>
<tr>
<td>2:30 pm – 4:30 pm</td>
<td>Pre-Doctoral Director Session (TL1 Directors Meeting)</td>
<td>Diplomat Ballroom</td>
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<tr>
<td>2:00 pm – 3:30 pm</td>
<td>Strategies for Developing Successful Collaborations with Biostatisticians (BERD Session)</td>
<td>Empire Ballroom</td>
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<tr>
<td>3:30 pm – 5:00 pm</td>
<td>CR Forum Board Meeting (CR Forum Members Only)</td>
<td>Robert’s Private Dining Room</td>
</tr>
<tr>
<td>5:00 pm – 6:30 pm</td>
<td>Opening Plenary Session and Top 10 Awards Recognition</td>
<td>Regency Ballroom</td>
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<tr>
<td>6:30 pm – 8:00 pm</td>
<td>Opening Reception and Poster Viewing</td>
<td>Ambassador Ballroom</td>
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<tr>
<td>7:00 pm – 10:00 pm</td>
<td>Evaluation Special Interest Group Meeting (Open to All)</td>
<td>Cabinet</td>
</tr>
<tr>
<td>7:00 pm – 10:00 pm</td>
<td>Research Operations and Administration (Invite Only)</td>
<td>Calvert</td>
</tr>
<tr>
<td>7:00 pm – 10:00 pm</td>
<td>CR Forum Annual Business Meeting and Dinner (Invite Only)</td>
<td>Congressional A/B</td>
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### THURSDAY, APRIL 14TH

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>6:00 am – 8:00 am</td>
<td>Diversity in the CTS Workforce (Invitation Only)</td>
<td>Congressional A/B</td>
</tr>
<tr>
<td>6:00 am – 8:00 am</td>
<td>Regulatory Science Training (Invite Only)</td>
<td>Executive Room</td>
</tr>
<tr>
<td>6:30 am – 8:00 am</td>
<td>Breakfast</td>
<td>Regency Gallery (seating available in Regency Ballroom)</td>
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<tr>
<td>7:00 am – 8:00 am</td>
<td>Poster Viewing</td>
<td>Ambassador Ballroom</td>
</tr>
<tr>
<td>8:00 am – 9:00 am</td>
<td>Plenary Session and Awards Presentation</td>
<td>Empire Ballroom, Diplomat Ballroom, Hampton Room, Regency Ballroom, Palladian Ballroom</td>
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<tr>
<td>9:15 am – 10:15 am</td>
<td>Concurrent Sessions (See page 4)</td>
<td>Empire Ballroom, Diplomat Ballroom, Hampton Room, Regency Ballroom, Palladian Ballroom</td>
</tr>
<tr>
<td>10:30 am – 11:30 am</td>
<td>Concurrent Sessions (See page 5)</td>
<td>Empire Ballroom, Diplomat Ballroom, Hampton Room, Regency Ballroom, Palladian Ballroom</td>
</tr>
<tr>
<td>11:45 am – 1:00 pm</td>
<td>TL1 Pre-Doctoral Lunch (Pre-Registration Required)</td>
<td>Hampton Room (Pre-registration required)</td>
</tr>
<tr>
<td>12:00 pm – 1:00 pm</td>
<td>Speed Mentoring Session I (Pre-Registration Required)</td>
<td>Diplomat Ballroom</td>
</tr>
<tr>
<td>11:45 am – 1:00 pm</td>
<td>Lunch On Your Own</td>
<td>Seating in Regency Ballroom, Lunch Cart Available in Regency Gallery</td>
</tr>
<tr>
<td>12:00 pm – 1:15 pm</td>
<td>APSA and ACTS Meet &amp; Greet</td>
<td>Executive Room</td>
</tr>
<tr>
<td>1:15 pm – 2:15 pm</td>
<td>Concurrent Sessions (See page 6)</td>
<td>Empire Ballroom, Hampton Room, Regency Ballroom, Palladian Ballroom</td>
</tr>
<tr>
<td>1:15 pm – 2:15 pm</td>
<td>Speed Networking Session II (Pre-Registration Required)</td>
<td>Diplomat Ballroom</td>
</tr>
<tr>
<td>2:30 pm – 3:30 pm</td>
<td>Concurrent Sessions (See page 6)</td>
<td>Empire Ballroom, Diplomat Ballroom, Hampton Room, Regency Ballroom, Palladian Ballroom</td>
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<tr>
<td>3:45 pm – 4:45 pm</td>
<td>Concurrent Sessions (See page 7)</td>
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</tr>
<tr>
<td>5:00 pm – 6:00 pm</td>
<td>Pre-Doctoral and Post-Doctoral Oral Presentations</td>
<td>Empire Ballroom, Diplomat Ballroom, Hampton Room, Regency Ballroom, Palladian Room, Congressional A/B</td>
</tr>
<tr>
<td>6:00 pm – 7:30 pm</td>
<td>Evening Reception and Poster Viewing</td>
<td>Ambassador Ballroom</td>
</tr>
<tr>
<td>7:00 pm – 10:00 pm</td>
<td>IND and IDE Applications and Best Practices</td>
<td>Diplomat Ballroom</td>
</tr>
<tr>
<td>7:00 pm – 10:00 pm</td>
<td>CR Forum Annual Business Meeting and Dinner (Invite Only)</td>
<td>Congressional A/B</td>
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</table>

### Opportunities for Q&A will be provided at the conclusion of each session.
General Information

Registration Desk
Registration will be located at Registration West in the West Lobby of the hotel, and will be open during the following times:
Wednesday, April 13 ....................................... 6:30 am – 7:00 pm
Thursday, April 14 ........................................... 7:00 am – 7:00 pm
Friday, April 15 .............................................. 7:00 am – 12:00 pm

Speaker Ready Room
The Speaker Ready Room is located in the Committee Room in the West Lobby, directly across from the registration desk, and will be open during the following times:
Wednesday, April 13 ....................................... 4:30 pm – 7:30 pm
Thursday, April 14 ........................................... 7:00 am – 6:00 pm
Friday, April 15 .............................................. 7:00 am – 10:30 am

Poster Viewing Sessions
Posters will be located in the Ambassador Ballroom and have been divided into three separate viewing groups. Posters can be viewed during the following times:
Wednesday, April 13 ....................................... 6:30 pm – 8:00 pm
Thursday, April 14 ........................................... 7:00 pm – 8:00 am
Thursday, April 14 ........................................... 5:00 pm – 7:30 pm

Wireless Internet
Wireless internet will not be provided for attendees. For information about purchasing wireless internet for your personal use, please contact the hotel front desk. Personal connections are available for $29.95 per day.

Photo/Video Policy
Authorized event photographers will be taking photos during the event. We will use those photos for association and event marketing purposes on our various social media platforms and in email communications. However, we agree to cease using any picture that contains the likeness of any individual, if such individual sends a written request to stop using such picture.

Join the Conversation
Share your thoughts and connect with others on social media using hashtag #translationalscience16! Be sure to follow ACTS on Twitter at @ACTScience.

Children
No one under the age of 18 will be permitted in the poster hall or session rooms.

Poster Drop Off
Translational Science 2016 team members will not hold posters of abstract presenters at the registration desk. All poster presenters are responsible for storing their poster on their own. Translational Science team members cannot store posters on behalf of authors.

Download the Translational Science 2016 Mobile App
Enhance your Translational Science 2016 experience by downloading the meeting mobile app. The app is your go-to reference for details about the program, schedule and educational content – right in the palm of your hand!

To download the Translational Science 2016 app, search for “TSAM2016” in the App Store or on Google Play.
2016 Awards for Career Achievement and Contributions

Edward H. Ahrens, Jr. Distinguished Service Award
Presented Thursday, April 14 at 8:00 am
Robert Sherwin, MD, Yale University

AFMR Outstanding Investigator Award
Presented Thursday, April 14 at 8:00 am
William Steinbach, MD, Duke University

Clinical and Transitional Research Distinguished Educator Award
Presented Friday, April 15 at 10:45 am
Doris Rubio, PhD, University of Pittsburgh

Team Science Award
Presented Friday, April 15 at 10:45 am

Gerald Shulman, MD, PhD
Yale University

Douglas Rotham, PhD
Yale University

Gary Cline, PhD
Yale University

Kitt Falk Petersen, MD
Yale University

Claire Pomeroy, MD, MBA
Albert and Mary Lasker Foundation
Presenting Wednesday, April 13 at 5:30 pm

Jacob Corn, PhD
UC Berkeley
Presenting Thursday, April 14 at 8:00 am

Kathy Hudson, PhD
NIH
Presenting Thursday, April 14 at 8:00 am

Chris Austin, MD
NIH/NCATS
Presenting Friday, April 15 at 10:45 am

David G. Nathan, MD
Harvard University
Presenting Friday, April 15 at 10:45 am

Josie Briggs, MD
NIH/NCCIH
Presenting Friday, April 15 at 10:45 am

William Skach, MD
Cystic Fibrosis Foundation Therapeutics, Inc
Presenting Friday, April 15 at 10:45 am

2016 Plenary Speakers
Schedule of Events

**WEDNESDAY, APRIL 13**

6:30 am – 5:00 pm
AFMR Eastern Regional Meeting
Invitation Only
Hampton Ballroom

7:30 am – 1:00 pm
NIH Clinical Center Tour
Pre-Registration Required
Off-site: Meet in the hotel lobby at 7:15 am

8:00 am – 9:15 am
Advocacy Training
Palladian Ballroom
This training session provides valuable information and training on effective communication with your legislators.

9:15 am – 1:00 pm
Capitol Hill Advocacy Visits
Pre-Registration Required
Off-site: Meet in the Omni Shoreham Main Lobby at 9:15 am
Following Advocacy Training, participants head to Capitol Hill to meet with their legislators.
Experienced advocates are paired with newer visitors.

2:00 pm – 2:30 pm
Mock Study Kick Off
Diplomat Ballroom

2:00 pm – 3:30 pm
Concurrent Sessions

**Strategies for Developing Successful Collaborations with Biostatisticians (BERD)**

Chair: Susan Perkins, PhD, Indiana University
Speakers: Rickey E. Carter, PhD; Professor, Department of Health Sciences Research, College of Medicine, Mayo Clinic; James J. Grady, DrPH; Professor, Department of Community Medicine and Health Care, University of Connecticut Health Center; Jonathan D. Mahnken, PhD; Associate Professor, Department of Biostatistics, University of Kansas Medical Center School of Medicine

6:30 pm – 8:00 pm
Opening Reception with Poster Viewing
Ambassador Ballroom

**THURSDAY, APRIL 14**

7:00 am – 8:00 am
Breakfast
Regency Gallery (Seating available in Regency Ballroom)

7:00 am – 8:00 am
Poster Viewing
Ambassador Ballroom

8:00 am – 9:00 am
Plenary Session with Awards Presentation
Regency Ballroom

**Gene Editing: From Application to Policy**
Gene editing, or the ability to modify DNA sequences, has become more convenient than ever with the discovery of CRISPR/Cas, a bacterial enzyme system that can be adapted to cut specific DNA sequences on demand. Along with exciting new directions for medical research, this technology also raises ethical and regulatory concerns, particularly with regard to the possibility of editing the human genome. Dr. Jacob Corn, one of the leaders in CRISPR/Cas research, and Dr. Kathy Hudson, a specialist in science policy, will discuss the scientific and regulatory aspects of this technology and future directions for this field of research.

Presented by Jacob Corn, PhD, UC Berkley and Kathy Hudson, PhD, NIH

9:15 am – 10:15 am
Concurrent Sessions

**Use of Electronic Health Records in Clinical Research**

Palladian Ballroom
The use of Electronic Health Record data to conduct clinical research has greatly increased due to national emphasis areas such as comparative effectiveness research and initiatives such as the Health Information Technology Act (HITECH) which included incentives for the "meaningful use" of EHRs. Presenters will focus on key technical, regulatory, and statistical considerations when using the EHR for clinical research. Key technical and statistical elements will be discussed.

Chair: Susan Perkins, PhD, Indiana University
Speakers: Walter T. Ambrosius, PhD; Professor and Chair, Department of Biostatistical Sciences, Wake Forest School of Medicine; Mirre A. Rocca, PhD; Associate Director, Medical Informatics, Office of...
To Transition to Independence: Evidence-Based Milestones and Benchmarks Myth Busting

Empire Ballroom

Becoming an independent researcher is a crucial yet poorly understood step for an academic translational scientist. This session aims to highlight the critical and timely milestones academic researchers should achieve to maximize their chances of becoming independent. Expert senior leaders will use real-world data and experience to define the optimal timing, pace, and content of success in the early investigator’s career.

Chairs: Katherine Hartmann, MD, PhD, Vanderbilt University; Michael Schivo, MD, University of California, Davis

Speakers: Katherine Hartmann MD, PhD, Associate Dean, Clinical and Translational Scientist Development; Director, Graduate Studies in Epidemiology; Professor of Obstetrics & Gynecology and Medicine, Vanderbilt University; Frederick J. Meyers MD, MACP, Vice Dean; School of Medicine; Professor of Medicine, University of California

From Benchtop to Spaceflight Application: Translational Science Endeavors at NASA

Diplomat Ballroom

This session will highlight the current translational science efforts by the National Aeronautics and Space Administration (NASA). The mission/vision for space exploration and how translational science fits within the Human Research Program will be reviewed. Highlights include programmatic efforts in genomics medicine, Organs-on-Chips research and the establishment of academic-industry-government partnerships.

Chair: Todd M. Wilson, DO, NIH

Speakers: Dorit Donoviel, PhD, Director, Biomedical Innovation Laboratory; Deputy Chief Scientist, National Space Biomedical Research Institute (NSBRI); Assistant Professor, Dept. of Pharmacology and Center for Space Medicine, Baylor College of Medicine; Jennifer Fogarty, PhD, Space Life Science Innovation Lead, National Aeronautics and Space Administration; Johnson Space Center; Michael Roberts, PhD, Deputy Chief Scientist, Center for the Advancement of Science in Space, Inc.; David L. Tomko, PhD, Space Biology Program Scientist, Space, Life, and Physical Sciences Research Division, NASA Headquarters

10:30 am – 11:30 am

Concurrent Sessions

Scholar Networking Meeting with Federal Training Partners

Regency Ballroom

This networking session provides an opportunity for training attendees to meet with program officials from several federal funding agencies including the National Institutes of Health, Food and Drug Administration, the agency for Healthcare Research and Quality, Patient-Centered Outcomes Research Institute, and the Veterans Administration. Agency representatives will be in attendance to exchange ideas, advise and funding information about research projects and grant solicitations.

Chairs: Satish Raj, MD, MSCI, University of Calgary; Benjamin Seligman. Ronnie Knowlton

Speaker: Kay Lund, PhD, Director, Division of Biomedical Research Workforce Office of Extramural Programs (OEP), Office of Extramural Research (ODER), National Institutes of Health (NIH)

Participants: Diane Bild, MD, MPH, Senior Program Officer, Clinical Effectiveness Research Program, Patient-Centered Outcomes Research Institute (PCORI); Chekessa S. Clingman, PhD, MBA, Associate Director for Strategic Partnerships, Office of Translational Sciences, Center For Drug Evaluation and Research, US Food and Drug Administration (FDA); Kathleen Klink, MD, Director of Medical & Dental Education, Office of Academic Affiliations, Veterans Health Administration, Department of Veterans Affairs (VA); Khishna Wadhwa, PhD, MPH, Director, Division of Scientific Review, Office of Extramural Research, Agency for Healthcare Research and Quality (AHRQ)

The Making of a Clinical Translational Scientist: Competent, Certified or Credentialed

Empire Ballroom

This session will foster a healthy discussion and debate concerning the best practices to assure clinical research professionals are properly trained to participate and conduct patient oriented research.

Moderated by Janice Gabrilove, MD, Associate Director, Education & Training, Tisch Cancer Institute, Director, Clinical Research Education Program, The Graduate School of Biomedical Sciences, Icahn School of Medicine at Mount Sinai

Panelists: Steven Clyman, Executive Director, Product Discovery and Center for Innovation, NBME; Terri Hinkley, RN, BScN, MBA, CCRN, Deputy Director, Association of Clinical Research Professionals (ACRP); Carlton A. Hornung, PhD, MPH, Professor of Medicine; Director, Clinical Research, Epidemiology and Statistics Training Program (CREST), Association of Academic Programs in Clinical Research, University of Louisville; Carolyn Thomas Jones, DNP, MSN, RN, Assistant Professor of Clinical Nursing, Lead Instructor, Master’s in Clinical and Pre-clinical research (MACPR), Team Member, the Joint Task Force for Clinical Research Competency, Ohio State University; Emma A. Meagher, MD, Director, Education ACTS; Associate Vice Provost for Human Research, Senior Associate Dean for Clinical Research and Director, Translational Research Education, Perelman School of Medicine, University of Pennsylvania

Translational Science and the Future of Medicine in the Digital Age

Hampton Room

This session will help the country’s leading physician scientists (academia, government leaders) and policy makers understand the current state of affairs of preventive health research, use of novel telemedicine technologies/services, how these may influence the future of medicine and current evidence, policies, and new initiatives from leading policy making bodies that can shape the implementation of biomedical research and novel technologies to improve human health. Given the important and overdue push for preventive health in this country, and with the recent SCOTUS decision on the ACA, this is more important than ever. There will be a greater need for evidence to help guide decisions in policy making to promote preventive health and decrease chronic disease burden.

Moderated by Jennifer M. Kwan, MD, PhD, Physician Scientist Trainee, University of Illinois Chicago

Speakers: James F. Loomis, MD, MBA, Medical Director, Barnard Medical Center; Michael McGinnis, MD, MA, MPP, Executive Director, NAM/OM; David M. Murray, PhD, Associate Director for Prevention, Director of the Office of Disease Prevention, NIH; Alexander Ommaya, DSc, Senior Director for Clinical Effectiveness and Implementation research, Association of American Medical Schools

Serendipity in Science

Palladian Ballroom

This session will showcase the pathways and discoveries of accomplished scientists from diverse backgrounds, including the pitfalls and strokes of
The Power of Networking and People Skills

**Diplomat Ballroom**

Networking enables professionals to get greater access to information, expertise and skill sets, and makes it easier to solve problems, accomplish tasks and advance careers. This interactive workshop will highlight the benefits, challenges and complementarity of different types of networking. Group and individual exercises will facilitate self-awareness of your communication style and complementarity of different types of networking. The workshop will be an equal split between didactic presentation with real life examples and audience participation. Participants will better understand their own EQ/EI strengths and weaknesses.

Moderated by Olga Brazhnik, PhD; Program Director, National Center for Advancing Translational Sciences, National Institutes of Health.

Panelists: Aracelis Huertas Chardon, Med, GCCR; Project Manager, Endowment HISPANIC IN RESEARCH CAPABILITY, SoHP & SoM PARTNERSHIP (HiREC), University of Puerto Rico, Medical Sciences Campus; Barbara Segarra-Vazquez, MT, DHiSc, Dean, School of Health Professions, University of Puerto Rico Medical Sciences Campus

**11:45 am - 1:00 pm**

**TLI Pre-Doctoral Lunch**
Pre-Registration Required
Hampton Room

**12:00 pm - 1:00 pm**

**Speed Mentoring Session 1**
Pre-Registration Required
Diplomat Ballroom

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**THURSDAY, APRIL 14 (CONTINUED)**

luck that are keys to all great scientific careers. Serendipity strives to convey how great thinkers learn from their experiences and translate their science to the greater world. The ultimate goal is to inspire beginning and established scientists alike with the speakers’ wisdom gained from their careers.

Chairs: Michael Schivo, MD, MAS; University of California, Davis; MingMing Ning, MD, MmSc, Harvard Medical School

Speakers: Jeremiah Faith, PhD; Assistant Professor, Genetics and Genomic Sciences, Medicine, and Clinical Immunology, Mount Sinai Hospital; Claire Gmachl, PhD, MSc; Director of MIRTHE, Professor of Electrical Engineering, Princeton University; Steve Small, PhD, MD; Stanley van den Noort Professor and Chair, Professor of Neurobiology and Behavior, Professor of Cognitive Sciences; Director, Brain Imaging Center, University of California, Irvine

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**1:15 pm - 2:15 pm**

**Concurrent Sessions**

**Degree Granting Programs in Clinical and Translational Science: Research Landscape Impact**

**Empire Ballroom**

This session will showcase degree program outcomes at the institutional level and how they have continued to promote the development of new translational domains of dissemination science, entrepreneurship, the science of translation and regulatory science. Presentations will include a brief program description to include: number of learners in each program annually and representation across disciplines/departments, as well as measurable impacts on how the programs have changed culture, created opportunities and/or return on investment (ROI) to the institution.

Chair: Karen Weavers, MD; Mayo Clinic

Speakers: T. Alp Ikizler, MD; Professor Medicine, Director, Master of Science in Clinical Investigation; Director of Clinical Research, Division of Nephrology, Vanderbilt University School of Medicine; Anthony J. Windebank, MD, MS; Professor of Neurology, Predoctoral Program Director, Center for Clinical & Translational Science (CCTS); Director of Discovery, Center for Regenerative Medicine; Mayo Clinic College of Medicine; Karen Zier, PhD; Director, PORTAL (MD/MSCR) Program, Associate Dean, Medical Student Research, Icahn School of Medicine at Mount Sinai

**Engaging Patients and Stakeholders in Research: A Checklist for Investigators and Institutions**

**Regency Ballroom**

This session will provide for leaders of academic health research institutions with a concise, comprehensive list of steps for engaging patients and stakeholders in clinical and translational research. Explore ways to provide institutional support for your faculty in the inclusion of all key stakeholders in clinical and translational research, and also for clinical and translational researchers, trainees, and educators who would benefit from concise guidance about the steps needed for authentic stakeholder engagement.

Chair: Satish Raj, MD, MSCI; University of Calgary; Nancy A. Calvin-Naylor, PhD; University of Michigan

Panelists: Rober M. Califf, MD; Professor Medicine, Director of Clinical Research, Division of Nephrology, Duke University School of Medicine; Anthony J. Windebank, MD, MS; Professor of Neurology, Predoctoral Program Director, Center for Clinical & Translational Science (CCTS); Director of Discovery, Center for Regenerative Medicine; Mayo Clinic College of Medicine; Karen Zier, PhD; Director, PORTAL (MD/MSCR) Program, Associate Dean, Medical Student Research, Icahn School of Medicine at Mount Sinai; T. Alp Ikizler, MD; Professor Medicine, Director, Master of Science in Clinical Investigation; Director of Clinical Research, Division of Nephrology, Vanderbilt University School of Medicine; Anthony J. Windebank, MD, MS; Professor of Neurology, Predoctoral Program Director, Center for Clinical & Translational Science (CCTS); Director of Discovery, Center for Regenerative Medicine; Mayo Clinic College of Medicine; Karen Zier, PhD; Director, PORTAL (MD/MSCR) Program, Associate Dean, Medical Student Research, Icahn School of Medicine at Mount Sinai

**Leadership and Mentornship Approaches: An Institutional Methodology**

**Hampton Room**

Leadership is everywhere and in everyone’s capacity. While some may be born with a number of the attributes needed for outstanding leadership, leadership is something that can be learned. This interactive and dynamic workshop will explore the four emotional intelligence (EQ/EI) competencies of self-awareness, self-management, social awareness, and relationship management, and present the six styles of leadership. The workshop will be an equal split between didactic presentation with real life examples and audience participation. Participants will better understand their own EQ/EI strengths and weaknesses.

Chair: Emma A. Meagher, MD; Perelman School of Medicine, University of Pennsylvania

Speakers: Keith E. Argenbright, MD, MMM; Professor and Chief, University of Texas Southwestern Medical Center and Director, Moncrief Cancer Institute, University of Texas Southwestern Medical Center; Helen L. Yin, PhD; Professor and Associate Dean, Office of Faculty Diversity and Development/Office of Women’s Careers, University of Texas Southwestern Medical Center

**Speed Mentoring Session 2**
Pre-Registration Required
Diplomat Ballroom

**2:30 pm - 3:30 pm**

**Concurrent Sessions**

**Novel Educational Tools to Enhance Learning**

**Diplomat Ballroom**

This session will provide participants with an overview and case examples of specific new educational tools,
including gamification, video gaming, e-learning and flipped classroom techniques designed and employed to enhance learning.

Chair: Janice Gabrilove, MD  Icahn School of Medicine at Mount Sinai

Presented by: Ben Chang, MFA  Associate Professor, Rensselaer Polytechnic Institute (RPI), Director, Games and Simulation Arts and Sciences, RPI; School of Humanities, Arts and Social Sciences; Marie Norman, PhD  Associate Professor, Institute for Clinical Research Education, University of Pittsburgh; Karen M. Weyers, M.Ed.  Manager, Research Operations, Center for clinical and Translational Science (CCATS), Mayo Clinic

Novel Academic-Industry Models for Developing Therapeutics and Medical Devices

Regency Ballroom

Hear three speakers describe the novel models developed by Stanford University (SPARK and Biodesign) and by Rockefeller University in collaboration with Memorial Sloan Kettering Cancer Center and Weill Cornell Medical College (Tri-Intuitional Therapeutic Discovery Institute). Learn about the structures of these programs and the strategies used to engage, train, and assist academic investigators in moving their discoveries into the private sector.

Chairs: Harry B. Greenberg, MD  Stanford, Barry S. Coller, Rockefeller University

Presented by Michael Foley PhD  Sanders Director, Tri-Institutional Therapeutics Discovery Institute; Kevin Grimes, MD  Associate Professor of Chemical and Systems Biology, Stanford School of Medicine; Ryan Van Wert, MD  Clinical Instructor, Department of Medicine, Stanford University School of Medicine

Implementation Research, T3, and the CTSA: Building Capacity for the Next Stage in Research-to-Practice

Palladian Ballroom

As health outcomes rise to the forefront and research continues to focus on health outcomes, the goal of translational science is to move evidence into practice and policy to impact health. However, while evidence mounts, successful translation into widespread practice is slow and inconsistent as health-care delivery systems, healthcare professionals, and agencies face significant barriers to change. This session will explore the unique theories, methods, and research networks that enable rigorous study of factors that facilitate uptake of evidence-based practice in context of complexity of the healthcare delivery system. These new approaches take into account the dynamics that occur at the intersection of healthcare services, delivery systems, healthcare providers, patients, administrators, and consumers.

Chair: Kathleen R. Stevens, RN, EdD, FAAN  University of Texas Health Science Center San Antonio

Presented by: Wynne E. Norton, PhD  Program Officer for the Implementation Science Team in the Office of the Director in the Division of Cancer Control and Population Sciences (CCOPS), National Cancer Institute (NCI)

Enhancing Rigor and Transparency in Translational Research Through Adopting Tools that Support Reproducible Research

Hampton Room

Reproducible research – in which data generation, analysis and documentation is sufficient so that others may replicate results and the research process – is a key component of implementing rigor and transparency in research. Investigators have a responsibility to implement reproducible research practices, yet there are many challenges to doing so in a collaborative research environment within an academic medical center. In this applied session, we will present an overview of reproducible research through motivating examples, with a focus on demonstrating recent advances in tools for the implementation of reproducible research best practices in your research. These tools are specifically developed to make reproducible research accessible for the translational scientist and their research team.

Chair: Dr. Henry Carter, PhD  Mayo Clinic

Presented by: Leah J. Welty, PhD  Director, Biostatistics Collaboration Center, Director, Research Design Analysis Methods Program, Northwestern University

Creating a New Definition of Career Success in Clinical and Translational Research

Empire Ballroom

Creating a New Definition of Career Success in Clinical and Translational Research

Empire Ballroom

Decreases in federal grant funding, the increasing complexity of scientific inquiry, and the emerging importance of team science suggest a need to reconceptualize career success in clinical and translational science. A recent paper that explored the personal and organizational factors in the transition from mentored career development award to independent funding, identified alternative career options in research that do not necessarily involve becoming a principal investigator. In this session, directors of TL1 and KL2 programs will discuss this notion, highlighting successful yet nontraditional career pathways and will discuss how to reframe and transform career "failures" into career "successes."

Chair: Nancy A. Calvin-Naylor, PhD  University of Michigan

Speakers: Vicki Ellingrod, PharmD  John Gideon Sears Professor of Pharmacy, College of Pharmacy, University of Michigan; Anthony J. Windebank, MD  Professor of Neurology, College of Medicine, Mayo Clinic

3:45 pm – 4:45 pm

Concurrent Sessions

Innovations in Academic-Industrial Collaborations: Reaching for Pioneering Funding Mechanisms

Hampton Room

As research funding becomes increasingly competitive, investigators are seeking newer funding mechanisms. This paradigm is coupled with the need for specialized medical products (e.g., drugs, devices, etc.) to transition out of academia into the marketplace to enhance personalized and customized medicine. In this session, expert translational scientists with track records of successful academic-industry collaborations will discuss the keys to optimizing this vital bridge.

Chair: Michael Schivo, MD  University of California, Davis

Speakers: Raed Dweik, MD  Director, Pulmonary Vascular Program, Respiratory Institute; Professor of Medicine and Pathobiology, Respiratory Institute and Lerner Research Institute; The Cleveland Clinic; Lerner College of Medicine at Case Western Reserve University; Gary W. Hunter, PhD  Senior Electronics Engineer, Sensors and Electronics Branch, NASA Glenn Research Center

Commercialization in Academic Centers: Is it Changing the Culture of the University?

Regency Ballroom

Faculty at American medical schools is spending substantially more time on commercialization of discoveries than in the past. Acknowledging that there are benefits to the public and to researchers from commercialization of new discoveries, there has been a long history of university faculty producing knowledge open to all and not making decisions to maximize profit. Commercialization opportunities may be changing what research faculty are engaged in and how they work in research teams.

Chair: Daniel E. Ford, MD, MPH  Johns Hopkins University School of Medicine

Speakers: Maurizio Fava, MD  Director, Division of Clinical Research, Massachusetts General Hospital Research Institute; Associate Dean for Clinical & Translational Research, Harvard Medical School; Massachusetts General Hospital Research Institute; Harvard Medical School; Daniel E. Ford, MD, MPH  Director, Institute for Clinical and Translational Research, Vice Dean for Clinical Investigation Johns Hopkins School of Medicine; Institute for Clinical and Translational Research, Johns Hopkins School of Medicine

One Health: Team Science Discoveries

Empire Ballroom

The concept of One Health builds on the idea of team science engaging multiple disciplines working locally, nationally, and globally to attain optimal health for the nation. Medical schools partner with veterinary, dental, and pharmacy schools for example, to advance scientific discovery and the understanding of human disease. Team science breakthroughs are nurtured in an environment of trust and disputation.

Chair: Carol Merchant, MD, MPH  NIH

Speakers: Amy K. LeBlanc, D.V.M., Director, Comparative Oncology Program, National Cancer Institute (NIH); Jeremy J. Mau, DDS, PhD  Edwin S. Robinson Professor of Dentistry, Co-Director, Center for Craniofacial Regeneration, Center for Cancer Research, National Cancer Institute
THURSDAY, APRIL 14 (CONTINUED)

Translational Science Career Opportunities
Diplomat Ballroom
Careers in translational science can be pursued in many environments. This session will broaden the horizon beyond the traditional academic model and appreciate that the enablement of science also occurs in foundations, government (the FDA and the NIH), and Pharma. This session will be a frank discussion that is focused on highlighting paths to career opportunities in for-profit and not-for-profit sectors.
Chair: Emma A. Meagher, MD, Perelman School of Medicine, University of Pennsylvania; Licensing Group, Penn Center for Innovation, University of Florida
Speakers: Francisco Leon, MD, PhD, CEO, Celimmune; Viviane Martin, PhD, Director, PSOM Licensing Group, Penn Center for Innovation, University of Pennsylvania; Emer Smyth, PhD, Assistant Director, Scientific Review and Grants Administration Department, American Association for Cancer Research; Todd Wilson, DO, Medical Officer, Division of Clinical Innovation, NIH/NCATS

Translational Therapeutics and Precision Medicine
Diplomat Ballroom
Evolving molecular classification of disease and the move toward precision medicine provides challenges and opportunities for novel interventional strategies. This session will highlight examples of emerging genotype/phenotype tools to direct personalized medicine approaches as well as specific innovative trial designs (basket, umbrella, N-of-1), repeated measures, adaptive designs. to accelerate therapeutic development.
Chair: Janice Gabrilove, MD, Icahn School of Medicine at Mount Sinai
Speakers: Emilia Bagiella, PhD, Director, Center for Biostatistics, Mount Sinai School of Medicine; Julia Beaver, MD, Medical Officer, FDA; Benjamin G. Kesselovsky, PhD, Associate Professor, Biomedical Engineering, CUNY, University of Florida

FRIDAY, APRIL 15

6:30 am - 8:00 am
Breakfast
Regency Gallery
7:00 am - 8:00 am
ACTS Annual Business Meeting (ACTS Members Only)
Regency Ballroom
8:15 am - 9:15 am
Concurrent Sessions
Pragmatic Clinical Trials to Accelerate Translational Science – Lessons Learned and Best Practices
Diplomat Ballroom
Pragmatic clinical trials focus on the effectiveness of intervention in real-world settings. This session will provide an overview of the unique aspects of pragmatic trials, the opportunities and challenges in conducting pragmatic trials, and the key lessons for future pragmatic trials that are emerging from the NIH Health Care Systems Research Collaboratory.
Chairs: Susan M. Perkins, PhD, Indiana University; Gary Rosenthal, MD, University of Iowa Carver College of Medicine. Rickey E. Carter, PhD, Mayo Clinic
Speakers: Josephine P. Briggs, MD, Director, National Center for Complementary and Integrative Health, NIH; Gary Rosenthal, MD, Professor, Internal Medicine and Department Chair, Department of Internal Medicine, University of Iowa College of Medicine

Interprofessional Approaches to Diminish the Scientific Divide
Empire Ballroom
This workshop will highlight effective examples of interprofessional research models that have been used to improve the interaction and communication between clinical and basic sciences. The different perspectives and needs of a clinician and a basic scientist when approaching a research subject will be addressed. Attendees will learn about practical tools to establish interprofessional research teams.
Chair: Karen G. Martinez, MD, MSc, University of Puerto Rico
Speakers: Linda B. Cotton, PhD, MPH, FACE, Dean Professor and Chair, Department of Epidemiology and Associate Dean for Research, University of Florida; Alberto Carrera, MD, MPH, MSc, Associate Director, Post-Doctoral Master of Science in CTR (MSc), PI, Hispanics in Research Capability (HIREC), Medical Sciences Campus, University of Puerto Rico; Karen G. Martinez, MD, MSc, Director, Center for the Study and Treatment of Fear and Anxiety, Assistant Professor, University of Puerto Rico Department of Psychiatry

How to Write a Successful Career Development Award (K Award), Part 1
Regency Ballroom
Career development awards (also called K awards) provide an important step in the evolution to independent grant funding. This interactive workshop reviews the types and purposes of K awards, options for K award funding, and provides tips for success in your K application.
Chair: Ellen W. Seely, MD, Brigham and Women’s Hospital
Speakers: Marie Gelato, MD PhD, Distinguished Service Professor, Stony Brook University Medical Center; Paula Gregory, PhD, Director, Faculty Development Office; Professor, Dept. of Genetics, Dept. of Cell Biology & Anatomy; Ellen W. Seely, MD, Director of Clinical Research, Endocrinology, Diabetes and Hypertension Division, Vice Chair, Faculty Development, Department of Medicine, Brigham and Women’s Hospital, Professor of Medicine, Harvard Medical School, Brigham and Women’s Hospital

Writing a Fundable PCORI Grant: Lessons Learned
Ambassador Ballroom
Participants will hear from successful applicants of PCORI grants and experienced reviewers of PCORI applications. Presenters will detail reviewers’ perspectives of the do’s and don’ts and the importance and compelling case for stakeholder engagement, particularly these specific funding initiatives. Novel tools to increase investigator engagement and application for PCORI funding will also be shared.
Chair: Janice Gabrilove, MD, Icahn School of Medicine at Mount Sinai; Michael Schivo, MD, MAS, University of California, Davis
Speakers: Ronald T. Ackermann, MD, MPH, Professor of Medicine, Geriatrics and Medical Social Sciences, Director, Institute for Public Health and Medicine (PHAM), Center for Community Health, Northwestern Medicine; Nina Bickell, MD, MPH, Professor Population Health Science and Policy Professor Medicine, General Internal Medicine, Director of the Mount Sinai School of Medicine’s NIMHD-funded Center to Achieve and Sustain Improved Health in Harlem; Co-Director of the Center for Health Equity & Community Engaged Research, Icahn School of Medicine at Mount Sinai; Doug Landsittel, PhD, Professor of Medicine, Biostatistics and Clinical and Translational Science, Director, Section on Biomarkers and Prediction Modeling, Center for Research on Health Care (CRHC) Data Center, Margaret A. Olsen, PhD, MPH, Associate Professor of Medicine, Director, Center for Administrative Data Research (CADIR), Washington University School of Medicine

5:00 pm - 6:00 pm
Concurrent Pre-Doctoral and Post-Doctoral Oral Presentations
Hampton Room, Empire Ballroom, Palladian Room, Diplomat Room, Regency Ballroom, Congressional A/B
See page 10 for full schedule of speakers and times.

6:00 pm - 7:30 pm
Evening Reception and Poster Viewing
Ambassador Ballroom
Individual Development Plans: A Tool to Advance Careers of Clinical Translational Researchers in Training

Palladian Ballroom

Educational resources that successfully contribute to advancing the research careers of early career scientists are key in improving human health. An individual development plan is an educational tool that guides the attainment of knowledge and skills necessary to achieve career goals. This session will explore best practices and barriers for utilizing individual development plans for early career scientists within clinical and translational science training programs.

Chair: Cecelia M. Patino-Sutton, MD, MeD, PhD, University of Southern California

Speakers: Stephen Ekker, PhD, Professor of Biochemistry/Molecular Biology, Mayo Clinic Cancer Center Dept. Biochemistry and Molecular Biology; Cecilia M. Patino-Sutton MD, MeD, PhD, Assistant Professor Preventive Medicine, Co-Director NIH Institutional Career Development Program Director Research Career Development; NIH Institutional; Doris Rubio, PhD, Professor of Medicine, Biostatistics, Nursing, and Clinical and Translational Science Director, Data Center, Center for Research on Health Care, Co-Director, Institute for Clinical Research Education Director, Office for Evaluation Director, Office of Lifelong Learning Interim Director of Academic Programs, Institute for Clinical Research Education, University of Pittsburgh, Division of General Internal Medicine

9:30 am – 10:30 am

Concurrent Sessions

Engaging Patients and Communities in Your Research: Novel Strategies

Empire Ballroom

As translational research continues to evolve, it more often is not just about academic investigators conducting projects at the Universities. More and more research is being conducted in the communities that the research is meant to serve (Community Engaged Research). Increasingly, patients are playing a role in research, not just as research subjects, but also as researchers. Learn about the novel PoCER program to train patient engagement researchers.

Chair: Harry P. Selker, MD, MSPH, Tufts Medical Center

Speakers: Consuelo H. Wilkins, MD, MSCI, Executive Director, Meharry-Vanderbilt Alliance, Associate Professor of Medicine, Vanderbilt University Medical Center and Meharry Medical College; Nancy Marlett, PhD, MSc, Director, PCORI Program, Professor, Community Rehabilitation and Disability Studies and Department of Community Health Sciences, Cummings School of Medicine, University of Calgary

Research Re-Engineering: New Models and Best Practices

Ambassador Ballroom

This session will focus on three important and highly relevant arenas related to novel undertakings designed to accelerate the implementation and real time conduct of clinical research as well as the re-engineering of our training initiatives to foster the development of the future CT workforce.

Chair: Janice Gabrilove, MD, Icahn School of Medicine at Mount Sinai

Speakers: Stephen Johnson, PhD, Professor, Division of Health Informatics Director, Biomedical Informatics, Clinical and Translational Science Center, Weill Cornell Medicine, Department of Healthcare Policy & Research; Marc Moss, MD, Roger S. Mitchell Professor of Medicine; Section Head, Critical Care Medicine, Vice Chair of Clinical Research, Department of Medicine, University of Colorado; Mary Sano, PhD, Associate Dean for Clinical Research, Professor of Psychiatry Director, Alzheimer’s Disease Research

How to Write a Successful Career Development Award (K Award), Part 2

Regency Ballroom

Career development awards (also called K awards) provide an important step in the evolution to independent grant funding. This interactive workshop reviews the types and purposes of K awards, options for K award funding, and provides tips for success in your K application.

Chair: Ellen W. Seely, MD, Brigham and Women’s Hospital

Speakers: Marie Gelato, MD PhD, Distinguished Service Professor, Sidney K. Brisk University Medical Center; Paula Gregory, PhD, Director, Faculty Development Office, Professor, Dept. of Genetics, Dept. of Cell Biology & Anatomy

Enabling Entrepreneurial Science Training

Palladian Ballroom

This session will focus on describing approaches to designing educational training programs in Entrepreneurial Science and will include a description of required elements.

Chair: Emma A. Meagher, MD, Perelman School of Medicine, University of Pennsylvania

Speakers: Nalaka Gooneratne, MD, Associate Professor of Medicine, University of Pennsylvania; Rebecca Jackson, MD, Associate Dean Clinical Research, Professor of Medicine, The Ohio State University; Kathleen Rousche, PhD Program Director, NIH Center for Accelerated Innovations (NCAI)

Ethical Challenges in the Era of Genomics & Precision Medicine

Diplomat Room

This session will address major ethical and policy challenges posed by translational genomics and precision medicine. Issues addressed will include return of results and incidental findings in research, clinical care, and biobank operations. Attendees will explore new approaches to resolving ethical issues when the translational context suggests that conflicting rules may apply, such as the rules governing research and clinical care.

Chair: David H. Ingbar, MD, University of Minnesota; Michelle M. Lamere, MPA, University of Minnesota

Speakers: Susan M. Wolf, JD, McKnight Presidential Professor of Law, Medicine & Public Policy, Feigre Baker Daniels Professor of Law Professor of Medicine Chair, Consortium on Law and Values in Health, Environment & the Life Sciences, University of Minnesota

10:45 am – 12:15 pm

Closing Plenary Session

Regency Ballroom

Clinical Translational Science: The Evolving Landscape and Future Frontiers Impacting Human Health

In the spring of 1995, the NIH Director’s Panel on Clinical Research, led by Dr. David G. Nathan, was charged with reviewing the status of clinical translational research and its workforce in the United States, with the goal of providing recommendations about how to ensure its effective continuation. The panel’s report laid the ground work for the resurgence of clinical translational research and established novel funding priorities and mechanisms to support collaborative science networks, facilitate discovery science, promote community engagement and foster career development. Funding initiatives inducing the K30 Clinical Research Curriculum Awards, K series (K23, Health Services K08 & K07) Mentored Career Development Awards, institutional Roadmap K12, launch of the Centers for Translational Science and the 2012 establishment of the National Center for Translational Science (NCATS) have provided a foundation to launch new fields of inquiry including: translational therapeutics, focused on accelerating the drug discovery and development process as well as drug repurposing; precision medicine, with the initiation of a national cohort study and further encouraged effective collaborative networks, modeled after successful models embodied by organizations such as the Cystic Fibrosis Foundation, in order to more rapidly successfully combat disease and promote human health. Insight into the history of where we have been and how we arrived at this point in time, among the community of translational scientists, will allow us to best chart our course and define priorities for the future.

Presented by: Chris Austin, MD, Director, NIH/NCATS, Josie Briggs, MD, Director, National Center for Complementary and Integrative Health (NCCIH), NIH, David G. Nathan, MD, President Emeritus, Dana-Farber Cancer Institute, and Robert A. Shanahan Distinguished Professor of Pediatrics and Professor of Medicine, Harvard Medical School, William R. Skach, MD, Senior Vice President, Research Affairs, Cystic Fibrosis Foundation

APRIL 13–15, 2016 9
### Empire Ballroom

**Moderator:** Todd M. Wilson, MD, University of Alabama at Birmingham

- **Effect of Inter-Personal and Intra-Personal Behavioral Change Strategies on Older Adults’ Physical Activity: A Factorial Experiment**
  - Siobhan Kathleen McMahon, University of Minnesota (Co-Moderator)

- **Lower Airway Obstruction is Associated with Free Hemoglobin in Sickle Cell Disease**
  - Sara Sadreameli, Johns Hopkins University

- **Impact of Impaired Control on Drinking and IV Alcohol Self-Administration in Non-Dependent Drinkers**
  - Courtney Vaughan, National Institute on Alcohol Abuse and Alcoholism, National Institutes of Health

- **Molecular Basis of Fungal Meningoencephalitis Due to Blood-Brain Barrier Invasion by C.neoformans**
  - Phylícia Anne Robins, University of California, Davis

- **Bayesian Adaptive Trial Design With Multiple Efficacy Endpoints for Heterogeneous Subpopulations**
  - Lindsay Renfro, Mayo Clinic (Co-Moderator)

### Hampton Room

**Moderator:** Susan Perkins, PhD, Indiana University

- **Survival Benefit in Older Patients Associated with Earlier Transplant with High KDPI Kidneys**
  - Colleen L. Jay, UT Health Science Center San Antonio (Co-Moderator)

- **Cytotoxic IL-17+ T-Cells Contribute to Hypertension in Ovariectomized Rats**
  - Amrto V. Pai, MS, Georgetown University

- **A Mortality Index to Support Shared Decision Making among Elders Admitted to the ICU with Pneumonia**
  - Nikhil Satichandanan, PhD, State University of New York at Buffalo

- **CREB as a Biomarker for Cognitive Function in Alzheimer’s Disease**
  - Nancy Bartolotti, University of Illinois at Chicago

- **ACVR1-mutant Diffuse Intrinsic Pontine Gliomas Acquire Aberrant BMP Pathway Activation to Activin.**
  - Harry J. Han, MD, University of Pennsylvania Perelman School of Medicine

### Palladian Ballroom

**Moderator:** Satish Raj, MD, MSCI, University of Calgary

- **HepCure: An Innovative Web-based Toolkit to Train a New Cohort of Hepatitis C Providers and Increase**
  - Ponni Perumalswami, Mount Sinai Hospital (Co-Moderator)

- **Psychiatric Predictors of Long-Term Opioid Therapy**
  - Patrick Quinn, Indiana University Bloomington

- **Alzheimer’s and Parkinson’s Diseases Genetic Links Search in Caribbean Hispanic Population**
  - Briseida Feliciano, Universidad de Puerto Rico

- **A Randomized, Controlled Pilot Study to Evaluate the U of MN Mentorship Excellence Training Academy**
  - Esmil El-Fakahany, University of Minnesota

- **Adipose Tissue Cholesterol Efflux Correlates with Synthesis Rate of Apolipoprotein A1 in Humans**
  - Demidmaa Tuvdendorj, University of Texas Medical Branch

### Diplomat Ballroom

**Moderator:** Rickey E. Carter, PhD, Mayo Clinic

- **Crowdsourcing as a Tool to Rapidly and Accurately Grade Fundus Photographs for Diabetic Retinopathy**
  - Christopher J Brady, Johns Hopkins University (Co-Moderator)

- **Preferential Transmigration of HIV-Infected Mature Monocytes into the CNS: HIV Reservoirs and HAND**
  - Mike Veenstra, Albert Einstein College of Medicine Yeshiva University

- **Metabolic Biomarker Validation and Clinicalomics of WTC-Lung Injury**
  - Anna Nolan, MD, NVU Lungome Medical Center

- **The Community Leaders Institute: Promoting Translational Research through Training**
  - Lori Crosby, University of Cincinnati

- **Novel Flu Vaccine Strategy Associated With Lower Infection Rates in Plasma Cell Disorder Patients**
  - Andrew Branagan, Yale University School of Medicine

### Regency Ballroom

**Moderator:** Anthony Windebank, MD, Mayo Clinic College of Medicine

- **Zinc Finger Protein 816 is a Repressor of the Human Toll-Like Receptor Signaling Pathway**
  - Octavia M Palmer, University of Pittsburgh Medical Center (Co-Moderator)

- **APE1/Ref-1 Reduces Survivin Protein Expression in Castrate-Resistant Prostate Cancer**
  - David William McIlwain, Indiana University – Perdue University Indianapolis

- **Adolescent Mental Health InSciEd Out: Translating Science Education to Health Promotion**
  - Joanna Yang, Mayo Clinic (Co-Moderator)

- **Finding the Missing Heritability in GWAS of Epidemiological Studies and Clinical Trials**
  - Knut M. Wittkowski, The Rockefeller University

- **Antiplatelet Therapy Reduces the Risk of Mental Stress Induced Ischemia In Stable CAD**
  - Judith Meadows, MD, Yale University School of Medicine

### Congressional A/B

**Moderator:** Karen Weavers, M.Ed, Mayo Clinic

- **Development of High-Sensitivity HIV Diagnostics for Low Resource Settings**
  - Joseph A Conrad, Vanderbilt University (Co-Moderator)

- **Generation of Conventional CD8 T Cells from Induced Pluripotent Stem Cells**
  - Nicholas Klemen, Indiana University Bloomington

- **Availability of Oncology Clinical Trials for Medically Underserved Populations**
  - Ashley Marie Lakoduk, UT Southwest Medical Center

- **Quantification β-aminopropionitrile in Vitro Release of PLGA Perivascular Scaffold by TSQ LC-MS**
  - Diana Rosa Hernandez, University of Miami Miller School of Medicine

- **Formulation Optimization for a Low-Volume Resuscitation Fluid for Hemorrhagic Shock**
  - Andrea Wolf, University of Minnesota
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