NURTURE Center Inaugural Scientific Conference – March 7, 2016
UCSF Cardiology Division, Department of Medicine

Adversity and Cardiovascular Health: Defining New Ecological Frontiers

Co-Chairs: Michelle A. Albert, MD MPH & David R. Williams, Ph.D
Keynote Speaker: Bruce S. McEwen, Ph.D

Global Health & Clinical Science Building, Mission Hall
550 16th Street, San Francisco CA

7:30 – 8:00 Registration

8:00 – 8:15 Opening Remarks:
Jeff Olgin, Professor and Chief of Cardiology Division, UCSF
Conference Co-Chairs: Michelle A. Albert, MD, MPH & David R. Williams, PhD

Section I  Adversity, Reproductive and Childhood Health: Lifecourse Approach to Defining Short and Long Term Cardiovascular Outcomes
Moderators:
Nisha Parikh, MD MPH
Assistant Professor, Cardiology Division, UCSF School of Medicine
Michelle A. Albert, MD MPH
Professor of Medicine and Director of NURTURE Center, Cardiology Division, UCSF

8:15 – 8:40 Biology of Misfortune: Psychological Stress, Child Development and Cardiovascular Outcomes
Tom Boyce, MD
Professor of Medicine and Chief, Division of Behavioral Pediatrics, UCSF

8:40 – 9:05 Early Life Experiences and Cardiovascular Outcomes Across the Life Course
Natalie Slopen, PhD
Assistant Professor, Epidemiology and Biostatistics, University of Maryland School of Public Health, College Park, MD

9:05 – 9:30 Reproductive Experiences and Cardiovascular Risk: Clinical and Research Opportunities
Juan Gonzalez, MD
Assistant Professor of Medicine, Department of Obstetrics, Gynecology and Reproductive Sciences, UCSF

Section II  Adversity and Psychological Stress: Mapping the Biological Course
Moderators:
Mahasin S. Muhajid, PhD
Assistant Professor of Epidemiology and Martin Sisters Endowed Chair, Medical Research and Public Health, UC Berkeley School of Public Health, Berkeley, CA
Lenny Lopez, MD MDiv
Associate Professor and Chief of Hospital Medicine, UCSF, SFVAMC

9:30 – 9:55 Measuring Adversity in the Electronic Medical Record: Challenges and Opportunities for Cardiovascular Care
Nancy Adler, PhD
Professor and Vice-Chair, Department of Psychiatry; Director, Center for Health and Community, UCSF
9:55 – 10:10  Coffee/ Tea Break

10:10 – 10:35  The Stress of Discrimination and Cardiovascular Disease
David R. Williams, PhD
*Florence Sprague Norman & Laura Smart Professor of Sociology and African-American Studies, Harvard University T.H. Chan School of Public Health, Boston MA*

10:35 – 11:00  Interrelations between Adversity, Biological Senescence and Cardiovascular Outcomes
Elissa Epel, PhD
*Professor of Psychiatry, Director of the Aging, Metabolism and Emotions Lab, and the COAST Center, UCSF*

Section III  Distinguished NURTURE Center Keynote Lecture
Moderator:
David R. Williams, PhD
*Florence Sprague Norman & Laura Smart Professor of Sociology and African-American Studies, Harvard University T.H. Chan School of Public Health, Boston MA*

11:00 – 11:40  Protective and Damaging Effects of Stress Mediators: Towards Brain and Cardiovascular Health
Bruce McEwen, PhD
*Alfred E. Mirsky Professor, Harold and Margaret Miliken Hatch Laboratory of Neuroendocrinology, The Rockefeller University, New York NY*

11:40 – 1:00  NURTURE LUNCHEON

1:00 – 2:00  Adversity – Cardiovascular Disease Expert Panel Roundtable
Moderator:
Bertram H Lubin, MD
*President and CEO, Children’s Hospital and Research Center Oakland, Oakland, CA*

Panelists:
1. Judy Ann Bigby, MD
   *Senior Fellow, Mathematica Policy Research, Cambridge, MA
   Secretary of the Executive Office of Health and Human Services, Massachusetts: 2007-2013*

2. Charles M. Collins, JD MCP
   *President and CEO, YMCA of San Francisco, San Francisco, CA*

3. Rena J. Pasick, DrPH
   *Professor of Medicine and Assistant Director of Community Education and Outreach, Helen Diller Family Comprehensive Cancer Center, UCSF*

4. Michelle A. Albert, MD, MPH
   *Professor of Medicine and Director of NURTURE Center, Cardiology Division, UCSF*
Section IV  Adversity and the Neuroscience of Cardiovascular Health
Moderators:
Daniel H. Mathalon, MD PhD  
Professor in Residence of Psychiatry and Biomedical Sciences, UCSF, SFVAMC
Liviu Klein, MD  
Associate Professor and Director of the Mechanical Circulatory Support and Heart Failure Device Program, UCSF

2:00 – 2:25  Neurologic Phenotypes of Cardiovascular Disease: Impact of Adversity  
Michelle A. Albert, MD MPH  
Professor of Medicine and Director of NURTURE Center, Cardiology Division, UCSF

2:25 – 2:50  Brain Circuitry and Disorders Associated with Stress and Trauma  
David Silbersweig, MD PhD  
Stanley Cobb Professor and Chair of Psychiatry, Brigham & Women’s Hospital  
Dean of Academic Affairs, Harvard Medical School

2:50 – 3:15  Brain-Body Pathways to Cardiovascular Risk: Role of Adversity  
Peter J. Gianaros, PhD  
Professor of Psychology and Psychiatry, University of Pittsburgh, Pittsburgh, PA

3:15 – 3:30  Coffee/Tea Break

Section V  Adversity Bionetwork: Pathways for Technology and Industry Involvement
Moderators:
Gregory Marcus, MD MAS  
Associate Professor of Medicine and Director of Clinical Research, Division of Cardiology, UCSF
Melissa Burroughs-Peña, MD MS  
Assistant Professor, Division of Cardiology, UCSF

3:30 – 3:55  Leveraging Technology to Address Behavioral Health and Cardiovascular Outcomes  
Reena Pande, MD MSc  
Chief Medical Officer, AbilTo, New York, NY

3:55 – 4:20  Biopsychosocial Research and Technological Applications for Research and Patient Care  
Steven S. Brooks, MD MBA  
Senior Analyst at Popper & Co., Baltimore MD  
Vice-President of Regulatory Affairs and Health Economics for Ablative Solutions, Inc., Menlo Park, CA

4:20 – 4:45  Using Technology to Improve Health Across the Population  
Jessica Mega, MD MPH  
Chief Medical Officer, Verily (Google Life Sciences), Mountain View, CA

4:45 – 5:00  Closing Remarks