

**NURTURE Center Inaugural Scientific Conference – March 7, 2016**

**Cardiology Division, Department of Medicine**

**University of California at San Francisco**

**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**

*Byers Auditorium | Genentech Hall, UCSF Mission Bay  
600 16<sup>th</sup> Street, San Francisco CA*

7:15 – 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. Mujahid, 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 S. 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**

**Section IV**      **Adversity – Cardiovascular Disease Expert Panel Roundtable**

Moderator:

**Bertram H. Lubin, MD**

*President and CEO, Children's Hospital and Research Center Oakland, Oakland, CA*

1:00 – 2:00      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. Selwyn O. Rogers Jr., MD MPH FACS**

*Chief Medical Officer and Vice President, UTMB Health*

*Assistant Dean for Clinical Affairs, The University of Texas Medical Branch, Galveston, TX  
Surgeon, Trauma and Critical Care*

**5. Ileana L. Pina, MD MPH**

*Professor of Medicine & Epidemiology and Population Health, Albert Einstein College of Medicine  
Associate Chief for Academic Affairs, Division of Cardiology, Staff Heart Failure|Transplant,  
Montefiore Medical Center, Bronx, NY*

**6. Amos C. Brown Sr., MDiv DMin**

*Reverend, San Francisco's Third Baptist Church*

**7. Nicolas E. Barcelo, UCSF Medical Student, Class of 2016**

*Co-Founder and Western Region Coordinator, White Coats For Black Lives*

## Section V

### Adversity and the Neuroscience of Cardiovascular Health

Moderators:

**Daniel H. Matalon, 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 VI

### 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

**Conference Co-Chairs: Michelle A. Albert, MD, MPH & David R. Williams, PhD**

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