Special thanks to our sponsors for their support of this conference.

Biobehavioral Markers in Risk and Resilience Research

February 3, 2017
Oklahoma State University—Tulsa
Presented by the Center for Family Resilience
**Morning Session**

8:00  Registration, coffee & light breakfast  
     Conference Center North Hall

9:00  Welcome & opening remarks, Room 151  
     Mike Merten, Ph.D., Director, Center for Family Resilience  
     Stephan Wilson, Ph.D., Dean, Human Sciences, OSU

9:10  The immune system’s role as a sensor and regulator of stress:  
      Implications in human development and disease, Room 150  
      Kent Teague, Ph.D., University of Oklahoma

9:25  The psychobiology of family dynamics:  
      Bidirectional relationships with andrenocortical attunement, Room 150  
      Jennifer Byrd-Craven, Ph.D., Oklahoma State University  
      Nikki Clauss, M.A., Oklahoma State University

9:40  The heart of conversation: Using state-space grids to disentangle  
      cardiovascular and affect dynamics during couple interaction, Room 150  
      Brandt Gardner, Ph.D., Oklahoma State University  
      Nathan Hardy, Ph.D., Oklahoma State University

9:55  Intergenerational transmission of poverty: How low socioeconomic  
      status impacts the neurobiology of two generations, Room 150  
      Pilyoung Kim, Ph.D., University of Denver

10:10 The influence of teacher-child relationships on preschool  
      children’s cortisol levels, Room 150  
      Bridget Hatfield, Ph.D., Oregon State University

10:25 Break

10:35 Panel discussion, Room 150  
     Kent Teague, Jennifer Byrd-Craven, Nikki Clauss, Nathan Hardy, Brandt Gardner,  
     Pilyoung Kim & Bridget Hatfield  
     Mike Merten & Amy Williamson, Moderators

12:00 Lunch, B.S. Roberts Room 151

**Afternoon Session**

1:00  Introductory remarks, Room 150  
     Jennifer Hays-Grudo, Ph.D., Director, CIRCA

1:05  Stress, biomarkers and development in childhood and adolescence:  
      Advances in the last few decades, Room 150  
      Elizabeth Susman, Ph.D., The Pennsylvania State University

1:20  Allostasis across the lifespan:  
      Keeping score through cortisol and brain imaging, Room 150  
      Barbara Ganzel, Ph.D., Cornell University

1:35  Using mood-related appetite changes to explore subtypes of depression  
      Room 150  
      Kyle Simmons, Ph.D., Laureate Institute for Brain Research

1:50  Strategies to operationalize specific genetic variance for behavioral science  
      Room 150  
      Bo Cleveland, Ph.D., The Pennsylvania State University

2:05  Risk as a first derivative: Using intensive repeated measures and molecular  
      approaches to studying families, Room 150  
      Ted Robles, Ph.D., University of California at Los Angeles

2:20 Break

2:30 Panel discussion, Room 150  
     Elizabeth Susman, Barbara Ganzel, Kyle Simmons, Bo Cleveland & Ted Robles  
     Jennifer Hays-Grudo & Brandt Gardner, Moderators

3:55 Closing remarks, Room 150  
     Amanda Harrist, Ph.D., Oklahoma State University