Program for Translational Research on Adversity and Neurodevelopment (P-TRAN)



Director: Dr. Diana Fishbein

Associate Director: Dr. Emma Jane Rose

Mission

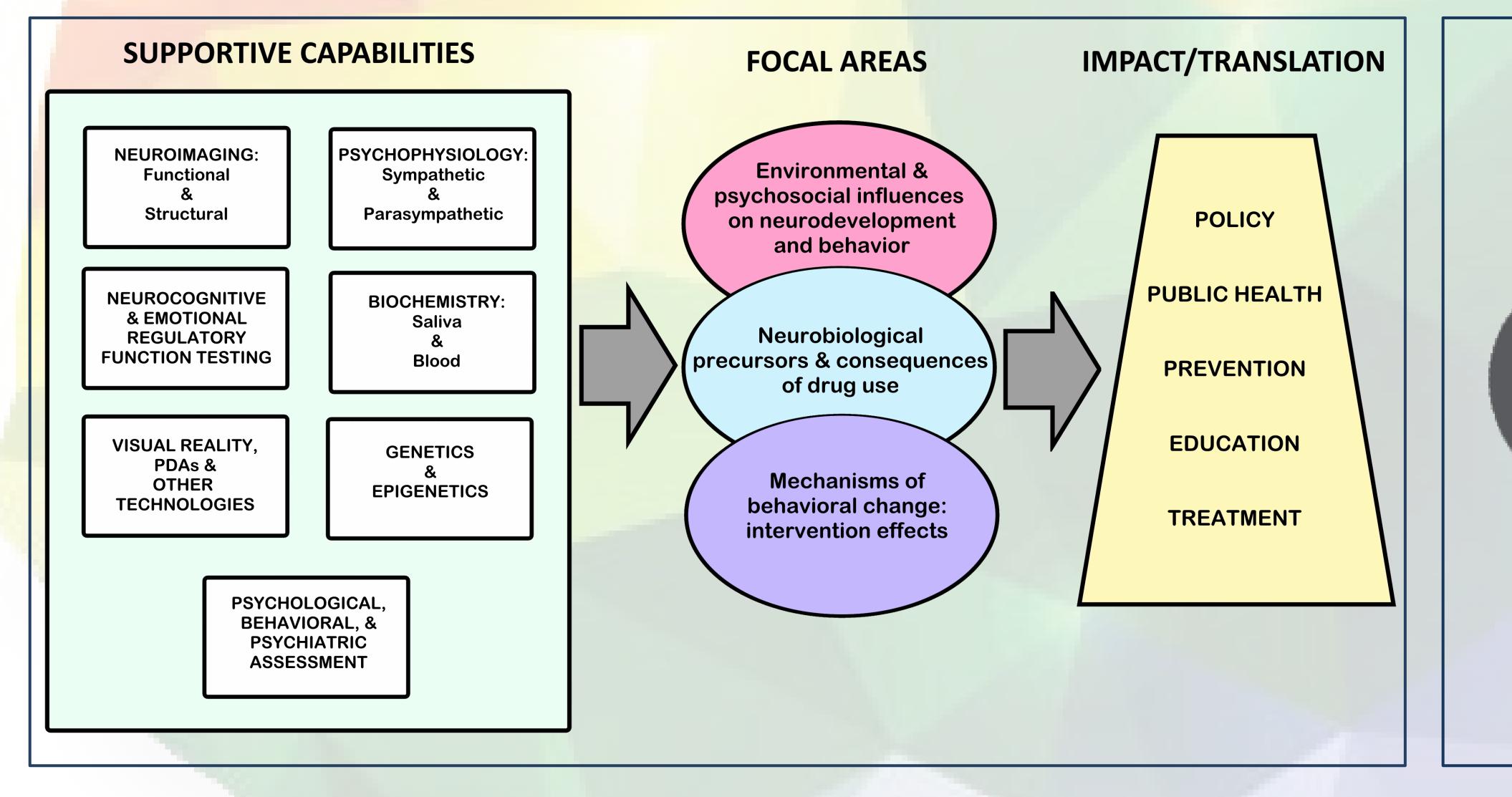
- To promote resilience and reduce the risk for adverse outcomes by:
- 1. Developing an integrated network of transdisciplinary collaborators focused on delineating the impact of adversity on neurodevelopment and the meaningful translation of this knowledge to the development of practices and policies.



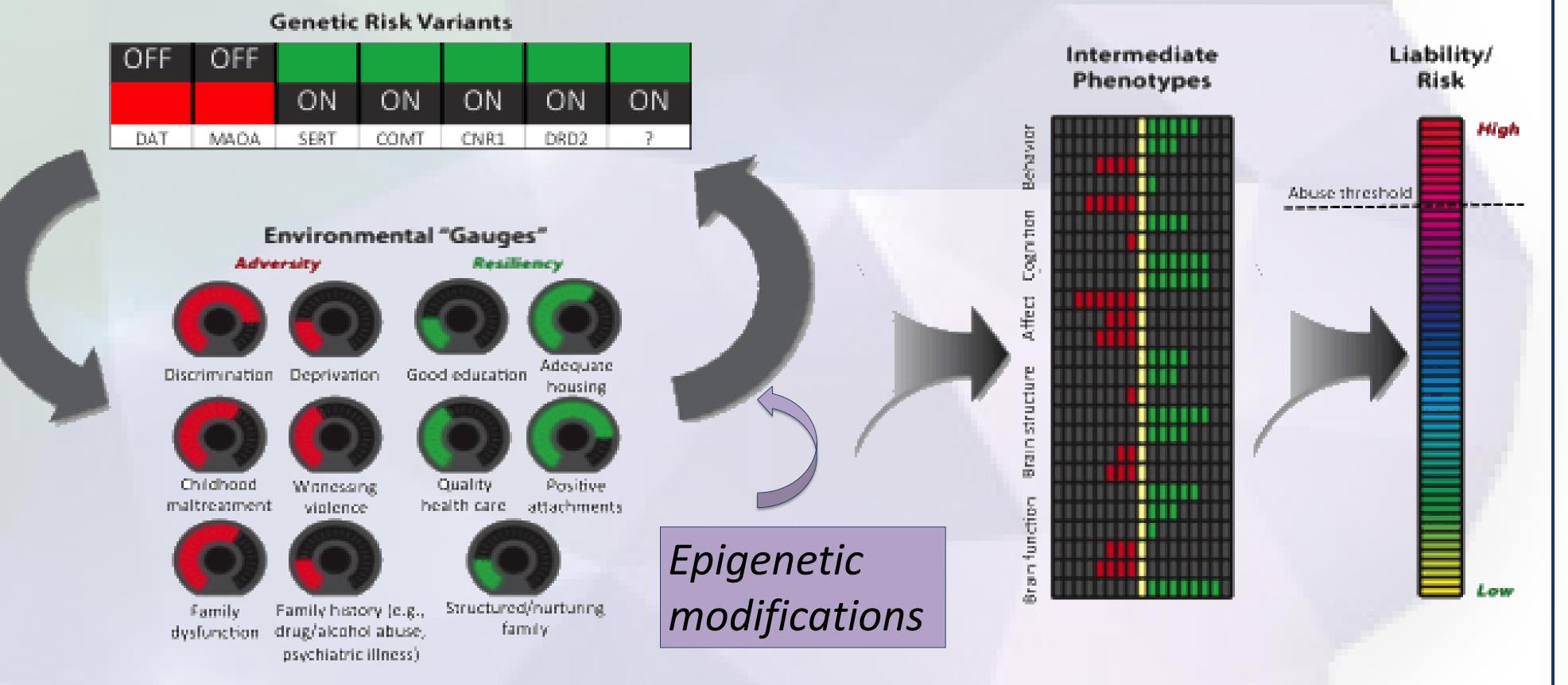
2. Creating a center of excellence for translational neuroscience within the Prevention Research Center, which will promote the application of neuroscientific knowledge and techniques to prevention science and provide a supportive environment for productive translational and transdisciplinary collaborations.

Capabilities

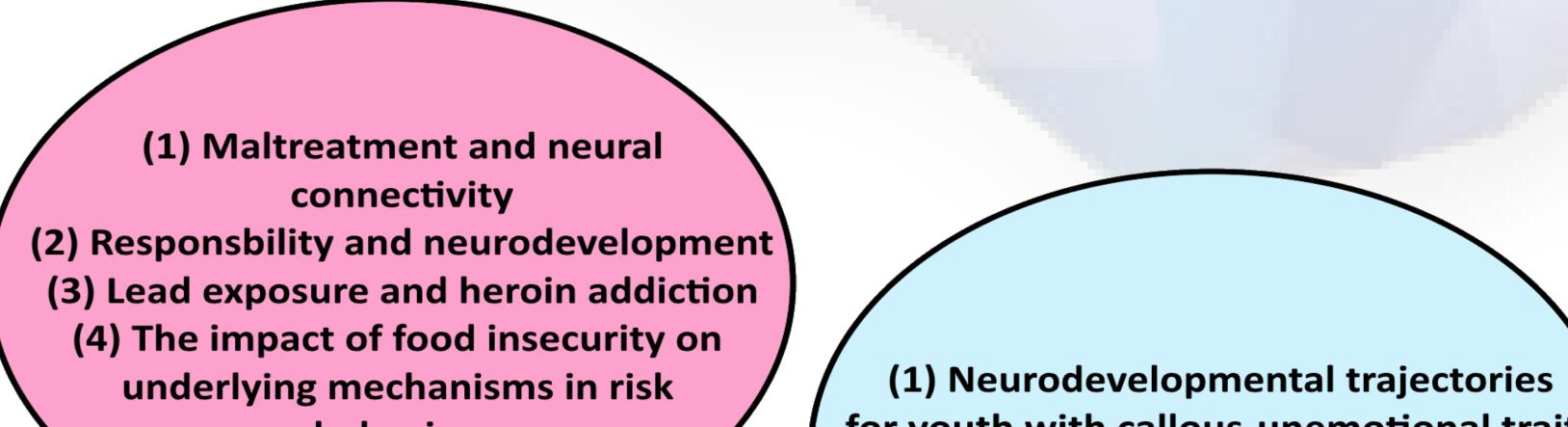
Model



Accumulative Model of Risk for Substance Abuse



Projects in Development



Members

Program Coordinator: Jessica Bair, MA Senior Research Analyst: Charles Guthrie, MS

Psychology Dr. K. Suzy Scherf Dr. Koraly Perez-Edgar Dr. Jenae Neiderhiser Dr. Frank Hillary Dr. Michael Hallquist Dr. Martha Wadsworth BBH Dr. Hannah Schreier Dr. Helen Kamens Dr. Idan Shalev

Others Dr. Kathleen Keller (Nutrition) Dr. Lorah Dorn (Nursing) Dr. Kristina Neely (Kinesiology) Dr. Nicole Crowley (Biology)

for youth with callous-unemotional traits behaviors (2) Neurobiological predictors of adolescent drug use escalation (1) Neurobiolgical mechanisms of Good **Behavior Game effects** (2) Mechanistic effects of Mindful Yoga (3) PATHS effects on neurodevelopment (4) Psychological therapies for cocainedependence: role of reward neurobiology (5) Neurodevelopmental effects of Multi-Systemic Therapy

HDFS Dr. Charles Geier Dr. H. (Bo) Cleveland Dr. Lisa Gatzke-Kopp

Future Plans

✤ NIH/NIDA training grant – May 2017 Translational Neuroscience Symposium –

February 2017

✤ NIH Center Grant (P30/P50) – TBD