

Neurons to Neighborhoods MSBS 5095S 2 credits

Instructor: Dr. Jason Gold, Ph.D.

Based on the National Institute of Medicine's initiative to integrate the science of human development, this course explores how rapid advances in neurobiology, behavioral and social science are informing our understanding and treatment of infants, children and adolescents. With the knowledge that child development is biologically driven and environmentally shaped, the course considers both seminal research as well as the dramatic societal and economic changes posing unprecedented challenges to families and providers. Course content is designed to provide students with:

- (a) fundamental understanding of early childhood development from a biopsychosocial and ecological perspective,**
- (b) insight into how the environment and early childhood experiences impact health, and**
- (c) an increased awareness of causes of child and adolescent mortality and best practices in prevention.**