**Department of Psychiatry and Behavioral Sciences**

|  |  |  |
| --- | --- | --- |
| **Faculty by Division** | **Title** | **Research Focus** |
| **Child and Adolescent Psychiatry** |
|  | Cara Bohon | Assistant Professor | Emotion regulation in binge eating and purging among adolescents; Neural links between OCD and anorexia; Taste reward processing in pediatric obesity |
|   | Lawrence Fung | Assistant Professor | Sex and gender differences in autism spectrum disorder; multimodal neuroimaging tools to study GABA neurophysiology in individuals with ASD and fragile X syndrome |
|  | Joachim Hallmayer | Professor | Analyses of X chromosome parent-of-origin and cognitive-behavioral assessment to elucidate the effects of monosomy and X-linked imprinting on neurodevelopment and neural function in young girls with Turner syndrome, pre-estrogen replacement |
|  | Antonio Hardan | Professor | Autism in girls and boys |
|  | James Lock | Professor | Systematic research for effective treatment of eating disorders  |
|  | Manpreet Singh | Associate Professor | Sex differences in youth psychiatric disorders |
| **General Psychiatry and Psychology** |
|  | Heather Gotham | Clinical Associate Professor | Screening and treatment for substance use disorders in family planning clinics |
|   | Chris Hayward | Professor | Role of puberty in determining onset of internalizing disorders in young adolescent girls; Sex and gender factors for psychiatric disoders |
|  | Jennifer Keller | Clinical Associate Professor | Gender-based violence; treatment of women with interpersonal trauma |
|  | Rachel Manber | Professor | Treatment for insomnia during pregnancy |
|  | Natalie Rasgon | Professor | Reproductive endocrine status of women with affective disorders; neurobiology of the effects of hormone therapy in aging women |
|   | Thalia Robakis | Clinical Associate Professor | Perinatal mood disorders; Maternal attachment style in relation to parenting practices and child outcomes; Infant epigenetic markers of maternal attachment style; metabolic and psychiatric effects of early life stress |
|  | Cristin Runfola | Clinical Assistant Professor | Epidemiology of dysregulated eating and weight concerns in underserved populations; Improving detection and treatment of eating disorders; uniting couples in the treatment of eating disorders |
|   | Julie Weitlauf | Clinical Professor | Health of postmenopausal women; health of women veterans |
|  | Katherine Williams | Clinical Professor | Prenatal and perinatal mood disorders |
|   | Helen Wilson | Clinical Associate Professor | Relationship between childhood violence exposure and dating violence and sexual risk in young women |
|  | Laraine Zappert | Clinical Professor | Perinatal mood & anxiety disorders, PMS & perimenopausal mood disorder prevention |
| **Interdisciplinary Brain Sciences Research** |
|  | Joseph Baker | Instructor | Role of Turner syndrome on approximate number sense; Sex differences in neural and behavioral signatures of cooperation |
|   | Jennifer Bruno | Instructor | Longitudinal investigations of neurobiological and behavioral outcomes in Fragile X Syndrome and autism spectrum disorders; Neural circuitry underlying cognition |
|  | Tamar Green | Assistant Professor | Brain structure and function of girls who suffer from Turner syndrome; Attention and executive function deficits in Turner Syndrome and other neurogenetic syndromes*PI 2017 WHSDM seed grant:* Sex differences in the neural correlates of ADHD: the role of the X-chromosome |
|   | David Hong | Assistant Professor | Genetic conditions within adolescents (fragile X syndrome, Turner syndrome)*PI 2019 WHSDM seed grant:* Leveraging aneuploidy to examine sex chromosome effects in neurodevelopment*Co-I 2019 WHSDM seed grant:* Sex and gender differences in PTSD using large-scale genetic data*; Co-I 2016 seed grant:* E Determining the role of sex chromosomes in normal and abnormal placentation with implications for pregnancy and child health |
|  | Scott Hall | Associate Professor | Effects of social gaze training on brain and behavior in Fragile X Syndrome; Treatment of disruptive behaviors in Fragile X Syndrome |
|   | Allan Reiss | Professor | Study and treatment of individuals affected by fragile X syndrome, sex chromosome variation (e.g., Turner and Klinefelter syndromes), Williams syndrome, 22q deletion syndrome, type 1 diabetes and preterm births; Studies how genetic and environmental factors affect brain structure, function, and the developement of person with these disorders*Co-I 2017 WHSDM seed grant:* Sex differences in the neural correlates of ADHD: the role of the X-chromosome |
|  | Manish Saggar | Assistant Professor | Developing methods to model the temporal dynamics of brain activity in individuals with fragile X syndrome and healthy controls |
| **Major Laboratories and Clinical Translational Neurosciences Incubator** |
|  | Daniel Abrams | Clinical Assistant Professor | *PI 2018 WHSDM seed grant:* Connectivity of voice processing brain networks in female children with autism and its link to social communication abilities |
|   | Victor Carrion | Professor | Neurobiological sex and gender differences in youth with PTSD symptoms by insula measures |
|  | Luis de Lecea | Professor | *Co-I 2014 WHSDM seed grant:* Androgen signaling in alcohol-seeking behavior between genders |
|   | Laramie Duncan | Assistant Professor | *PI 2019 WHSDM seed grant:* Sex and gender differences in PTSD using large-scale genetic data |
|  | Vinod Menon | Professor | Advanced imaging and computational techniques to investigate the functional and structural architecture of cognitive networks in the brain*Co-I 2018 WHSDM seed grant:* Connectivity of voice processing brain networks in female children with autism and its link to social communication abilities |
|   | Nirao Shah | Professor | Sex and gender differences in the brain, sex hormones, sex difference in neuro-psychiatric illnesses*PI 2018 WHSDM seed grant:* Molecular mechanisms that control sexual differentiation of the mammalian brain*Co-I 2019 WHSDM seed grant:* Testing hypotheses about sex differences in PTSD using large-scale genetic data |
|  | David Spiegel | Professor | Group therapy and community support to improve outcomes and mental health for women with breast cancer; Intellectural impairement in women with breast cancer; Management of insomnia in breast cancer patients |
|  | Kaustubh Supekar | Clinical Assistant Professor | Behavioral, cognitive and neural signatures of autism in girls |
| **Public Mental Health and Population Sciences** |
|  | Rania Awaad | Clinical Assistant Professor | Community mental health in stigmatized communities; Psychiatric Director of the El Camino Women's Medical Group |
|   | Cheryl Gore-Felton | Professor | HIV-related depression and PTSD within the sexes |
|  | Christina Khan | Clinical Assistant Professor | Treatment of gender and sexuality issues; Treatment of women's mental health in vulnerable and under-resourced populations in the US and globally |
|   | Ruth O'hara | Professor | Neurocognitive impairment |
|  | Oxana Palesh | Associate Professor | Intellectural impairement in women with breast cancer; Management of insomnia in breast cancer patients |
|   | Ranak Trivedi | Assistant Professor | Enhancing the role of informal caregivers in chronic disease self-management |