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| **Department of Neurosurgery** |  |
| **Faculty** | **Title** | **Research Focus** |
| Maheen Adamson & Odette Harris | Professor/Clinical Associate Professor (Affiliated) | Sex differences in traumatic brain injury in the military/veteran population: Differences in symptom reporting, brain structure and treatment protocols |
| Summer Han | Assistant Professor  | *Co-I 2018 WHSDM seed grant:* X-ploring the sex specific genetic architecture of late-onset Alzheimer’s disease |
| Theo D. Palmer | Professor | *PI 2016 WHSDM seed grant:* Examining sex differences in the human and mouse placental transcriptome during a vulnerable neurodevelopmental window |
| Claudia Petritsch | Associate Professor | Sex-specific differences in oligodendrocyte progenitors as underlying causes for sex dimorphism in onset and progression of brain tumors *Co-I WHSDM seed grant 2021:* Deconstructing sex differences in glioma therapy responses in new glioma model system |
| Jamshid Ghajar Angela Lumba-Brown  | Clinical Professor, Associate Professor, Pediatrics  | Sex-Related Differences in Neurosensory Alterations Following Blunt Head Injury |
| Xinnan Wang | Associate Professor | *PI, 2021 WHSDM Seed Grant:* Sex-Specific Mitochondrial Dysfunction in Parkinson’s Disease |
| Corinna C. Zygourakis  | Assistant Professor  | Does double-blinded peer review impact gender authorship trends? An evaluation of two leading neurosurgical journals from 2010–2019 |
| Lu Chen | Professor | Sex-specific differences in stress-induced changes in gene splicing choices in hippocampal neurons  |