**Department of Genetics**

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| **Faculty** | **Title** | **Research Focus** |
|  | Julie Baker | Professor | Placentation |
|  | Ami Bhatt | Assistant Professor | Microbiome and disease |
|  | Anne Brunet | Professor | Aging in males and females |
|  | Carlos Bustamante | Professor | Y chromosome evolution; Population genetics |
|  | Polly Fordyce | Assistant Professor | Proteases and pregnancy |
|  | William Greenleaf | Associate Professor | *Co-I 2018 WHSDM seed grant:* Molecular mechanisms that control sexual differentiation of the mammalian brain |
|  | Billy Li | Associate Professor | RNA editing sex specific |
|  | Jonathan Prichard | Professor | Evolution and human disease. |
|  | Mike Snyder | Professor | Male & female metabolomic, methyome, proteome, genome*Co-I 2018 WHSDM seed grant:* Modeling endothelial dysfunction in preeclampsia using patient-specific iPSCs; *Co-I 2014 seed grant:* Sex differences in adipocyte responses to experimentally-induced weight gain |
|  | Hua Tang | Professor | *Co-I 2014 WHSDM seed grant:* Elucidating the APOE-by-gender interaction in Alzheimer’s disease |
|   | Doug Vollrath | Associate Professor | Retinal biology |