**Department of Cardiothoracic Surgery**

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| **Faculty by Division** | | **Title** | **Research Focus** |
| **Adult Cardiac Surgery** | | | |
|  | Edward Bender | Clinical Associate Professor | The effect of gender on resident autonomy in the operating room |
|  | Jack Boyd | Clinical Associate Professor | Gender disparities in career profession and academic productivity in academic cardiothoracic surgery (with Leah Backhus) |
|  | Michael Fischbein | Associate Professor | *PI 2019 WHSDM seed grant:* Impact of sex hormones on thoracic aortic aneurysm formation of Marfan syndrome |
|  | Ngan Huang | Assistant Professor | Effects of sex hormones on endothelial cell phenotype and dysfunction towards developing new approaches to angiogenesis in cardiovascular tissues |
|  | Yasushi Tashima | Visiting Assistant Professor | *Co-I 2019 WHSDM seed grant:* Impact of sex hormones on thoracic aortic aneurysm formation of Marfan syndrome |
|  | Joseph Woo | Professor | *Co-I 2018 WHSDM seed grant:* Sex-dependent contribution of endothelial progenitor cells to fibrosis in calcific aortic valve disease |
| **Thoracic Surgery** | | | |
|  | Leah Backhus | Associate Professor | Exploration of hormonal status and hormone replacement therapy on the development and outcomes of lung cancer in women |
| **Pediatric Cardiac Surgery** | | | |