Summary: Select Sex-Based Health Effects

FEMALE ASTRONAUT

- Women suffer less from hearing loss with advancing age, and do not display a bias towards loss of hearing in the left ear.
- Women demonstrate a slight bias towards accuracy versus speed in response to an alertness test.
- Women mount more potent immune responses.
- Struvite kidney stones more common in women.
- Female astronauts are more susceptible to orthostatic intolerance.
- Urinary tract infections are more common in female astronauts.

MALE ASTRONAUT

- Men suffer more from hearing loss with advancing age, and display a bias towards loss of hearing in the left ear.
- Men demonstrate a slight bias towards speed versus accuracy in response to an alertness test.
- Male astronauts less susceptible to orthostatic intolerance.
- Urinary tract infections less common in male astronauts.
- Calcium oxalate kidney stones more common in men.
- Men mount less potent immune responses.
- Large individual variability to muscle and bone loss in men.