

## Biosketch: Collette Sarver

My name is Collette Sarver, and I am a fourth year studying chemical physics, astrophysics, and mathematics. This academic year I have received a fellowship from Michigan Space Grant Consortium to study the infrared spectra of polycyclic aromatic hydrocarbons (PAHs) found in circumsolar environments in an effort to update the NASA Ames PAH IR Spectral Database. I plan to further my education after undergraduate by earning a PhD in a field resembling astrochemistry. Ideally, after earning a PhD, I would like to analyze and research the chemical compositions of exoplanet atmospheres, the interstellar media, or planetary objects at a national lab or NASA. My hobbies include star gazing, reading, painting, hiking, and making chain mail armor in my free time.