



Hannah Heigold

Ph.D. Student in Bioengineering, admitted Autumn 2021

Publications

PUBLICATIONS

- **Assessing jugular venous compliance with optical hemodynamic imaging by modulating intrathoracic pressure** *JOURNAL OF BIOMEDICAL OPTICS*
Amelard, R., Flannigan, N., Patterson, C. A., Heigold, H., Hughson, R. L., Robertson, A. D.
2022; 27 (11)
- **Sex-dependent jugular vein optical attenuation and distension during head-down tilt and lower body negative pressure.** *Physiological reports*
Patterson, C. A., Amelard, R., Saarikoski, E., Heigold, H., Hughson, R. L., Robertson, A. D.
2022; 10 (3): e15179
- **Optical Hemodynamic Imaging of Jugular Venous Dynamics During Altered Central Venous Pressure** *IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING*
Amelard, R., Robertson, A. D., Patterson, C. A., Heigold, H., Saarikoski, E., Hughson, R. L.
2021; 68 (8): 2582-2591