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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