



## Andrew Perley

Ph.D. Student in Bioengineering, admitted Summer 2021

 Curriculum Vitae available Online

### Bio

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#### EDUCATION AND CERTIFICATIONS

- MS, University of California - San Diego , Bioengineering (2021)
- BS, University of California - Los Angeles , Bioengineering (2019)

#### LINKS

- Google Scholar: [https://scholar.google.com/citations?hl=en&user=s\\_hvSqQAAAAJ](https://scholar.google.com/citations?hl=en&user=s_hvSqQAAAAJ)

### Research & Scholarship

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#### LAB AFFILIATIONS

- Todd Coleman (9/26/2019)

### Publications

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#### PUBLICATIONS

- **A Mutual Information Measure of Phase-Amplitude Coupling using High Dimensional Sparse Models.** *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference*  
Perley, A., Coleman, T. P.  
2022; 2022: 21-24
- **Miniaturized wireless gastric pacing via inductive power transfer with non-invasive monitoring using cutaneous Electrogastrography.** *Bioelectronic medicine*  
Perley, A., Roustaei, M., Aguilar-Rivera, M., Kunkel, D. C., Hsiai, T. K., Coleman, T. P., Abiri, P.  
2021; 7 (1): 12