OPEN POSTDOCTORAL POSITION IN HIGH FREQ. ACOUSTIC METAMATERIALS
Starting Date: ASAP

The groups of Prof. Oscar Vazquez (Lab Website) and Prof. James Friend (Lab Website) at UC San Diego are seeking a highly motivated postdoctoral candidate to work on developing a novel class of acoustic metamaterials for applications in clinical imaging and neuroscience.

- The candidate should have a Ph.D. with a strong theoretical, finite element simulations, and experimental background on acoustics, preferably on metamaterials.
- The position has funding for at least two-years, with broad opportunities to extend the funding.
- The candidate will work with a very multidisciplinary team involving microengineering, acoustics, clinical imaging, neuroscience, and neuroradiology.

The lab of Prof. Oscar Vazquez focuses on the integration and application of nanomaterials and microtechnology for applications in biomedical engineering, optoelectronics, and biosensing. Our group has strong expertise realizing micro/nanoscale devices combining bottom-up approaches using nanomaterials, as well as top-down micro/nanofabrication techniques.

The lab of Prof. James Friend focuses on medical device engineering, making use of novel physical phenomena in acoustofluidics, ultrasonics, microfabrication, and structural engineering. We principally employ micro/nanofabrication methods and acoustofluidics to explore new fundamental physical phenomena along the way to applications.

Contact Information:

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