



## DOE SUMMER INTERNSHIP Due Nov 25

**10-WEEK INTERNSHIP SUMMER 2023**    **CONTACT: [adam.haldeman@tetramer.com](mailto:adam.haldeman@tetramer.com)**

- Undergraduate and graduate students at Tetramer's location near Clemson, SC. Pay rate of \$20/hr
- The US Department of Energy has specified that this internship is for women, individuals from nationally underrepresented groups, and individuals with a commitment to diversifying the scientific and engineering workforce.

### **INTERNSHIPS AVAILABLE WITH THESE PROJECTS:**

**Solar Fuels Generators, Phase IIA** continuation of <https://www.sbir.gov/sbirsearch/detail/1712977>,  
PI: Chris Topping [chris.topping@tetramer.com](mailto:chris.topping@tetramer.com)

- Student description: Interest / experience in (ideally several of) the following - cation exchange membranes, solar fuels generators, water splitting, membrane electrode assembly fabrication, membrane casting, membrane characterization techniques (e.g., electron microscopy, optical microscopy, confocal microscopy, conductivity measurement), 3D printing, chemical synthesis

**Novel Hybrid Porous Materials for Selective Heavy Metal Sorption from Water, Phase II** of <https://www.sbir.gov/sbirsearch/detail/2057177>, PI: Stephen Hudson [stephen.hudson@tetramer.com](mailto:stephen.hudson@tetramer.com)

- Student description: Interest/experience in (ideally several of) the following – metal organic frameworks (MOFs), MOF synthesis, inorganic chemistry, heavy metal remediation, adsorption kinetics, synthesis of polymer/MOF composites (films, beads, granules, etc.), and material characterization techniques (ICP, SEM, optical microscopy, TGA, XRD).

### **ABOUT TETRAMER**

**CONTACT: [adam.haldeman@tetramer.com](mailto:adam.haldeman@tetramer.com)**

Located near Clemson, SC, Tetramer is an advanced materials company dedicated to the development of market-driven materials and transitioning those materials from the lab to the market or battlefield. With extensive R&D and manufacturing capabilities, Tetramer serves as both a research partner and a supplier of proprietary custom materials. We also provide analytical services to support manufacturers in solving their materials-related challenges. Our team includes scientists and engineers with backgrounds in organic, physical, polymer, and analytical chemistry, ceramic engineering, materials science, and chemical engineering.

**TETRAMER CORE COMPETENCIES:** Advanced Chemical Synthesis, Design of Functional Materials, Structure Property Relationships, Formulation, Process Research and Scale-up, Regulatory

**Tetramer Technologies**  
657 S. Mechanic St.  
Pendleton, SC 29670  
[www.tetramer.com](http://www.tetramer.com)

For career opportunities  
and news, be sure to  
follow us on LinkedIn

