MARSHALL GERSTEIN

Tener F. Jenkins, Ph.D.

Technical Specialist

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Tener Jenkins, Ph.D., works as a Technical Specialist to assist in prosecuting patents for clients in the chemical sciences. Tener's strong background in chemistry as both a teaching assistant and researcher makes him highly skilled at helping a variety of clients working on a broad range of technologies.

As a graduate student, Tener led undergraduate students through chemistry lab courses and instructed upper-division labs involving air-free chemical synthesis and the characterization of inorganic and organometallic complexes. His work required him to be highly skilled at breaking down complex technologies and differentiating between important and superfluous details. These skills translate exceptionally well to his work writing patents.

Outside of work, Tener enjoys hiking, exploring the city, learning history, and cooking.

Practices

- Patent Prosecution

Industries

- Chemical Sciences

Representative Experience

Tener is experienced in the following industries:

- Synthetic chemistry
- Organometallic chemistry
- Inorganic chemistry
- Analytical chemistry

- Air- and water-sensitive chemical synthesis
- Data analysis

Background and Credentials

Tener holds a B.S. in chemistry and a minor in mathematics from Salisbury University and a Ph.D. in chemistry from University of California, Irvine. As an undergraduate researcher, Tener developed advanced data fusion techniques and utilized C++ code to evaluate the accuracy of new data analysis methods by analyzing a large set of IR spectra to determine which regions correlated to analyte concentration. He received the Allen R. Dudley Award for Excellence in Chemistry, acknowledging his academic achievement and exceptional potential. Tener focused his graduate research on synthetic chemistry. He synthesized, characterized, and researched the properties of air- and water-sensitive organometallic compounds of the rare-earth metals. A cutting-edge researcher, Tener published three papers over five years with two currently in preparation.

Education

- University of California, Irvine (Ph.D.)
    - Inorganic chemistry
- Salisbury University (B.S., *summa cum laude*)
    - Chemistry and Mathematics

Community and Professional Involvement

Member, American Chemical Society

Publications and Presentations

- "Investigating the Isolation and Reactivity of Divalent Rare-Earth Metals in Trigonal Homoleptic & Heteroleptic Environments Containing Cyclopentadienyl Ligand," Co-Presenter, University of California, Irvine Department of Chemistry Seminar, 2021.
- “Synthesis of a 2-Isocyanophenolate Ligand, [2-CNC6H4O]1^{-}, by Ring-Opening of Benzoxazole with Rare-Earth Metal Complexes," Megan T. Dumas, Tener F. Jenkins, Justin C. Wedal, Joseph W. Ziller, Fillip Furche, and William J. Evans Organometallics. 2021, 40(6), 735-741.
- “Tetramethylcyclopentadienyl Ligands Allow Isolation of Ln(II) Ions across the Lanthanide Series in [K(2.2.2-cryptand)][(C5Me4H)3Ln] Complexes,” Tener F. Jenkins, David H. Woen; Luke Nambi Mohanam, Joesph W. Ziller, Filipp Furche, William J. Evans Organometallics. 2018, 37(21), 3863-3873.
- "Advanced Data Fusion: Optimized Stacked Moving Window Regression Analysis of Complex Infrared Spectra," Co-Presenter, Salisbury University Undergraduate Research Conference, 2016.