

New Faculty Bio

Name: Joshua M. Patterson, PhD

Position: Lecturer

Department of: Chemistry and Physics



Bio:

Dr. Joshua Patterson is an accomplished professional with a strong background in academia, research, and the application of AI to research in autoimmunity. His career showcases a blend of teaching experience and cutting-edge research, particularly in the areas of cheminformatics, drug discovery, and Inflammatory Bowel Disease. Dr. Patterson loves working with students and showing them the wonders of chemistry! In his down time, Dr. Patterson enjoys watching New York sports teams, playing video games, and coding. He lives in Delaware with his wife, Victoria.

Educational Background:

PhD in Applied Chemistry with a concentration in Computational Biochemistry from Delaware State University (class of 2022)

Classes Taught:

Biochemistry
General Chemistry
Chemistry for non-majors

Research Interest:

Using machine learning algorithms to discover new small-molecule antagonists to treat autoimmune diseases, including lupus and Crohn's disease.

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