



JOVELT DORSAINVIL, PH.D.

PATENT SCIENTIST

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Jo Dorsainvil is a patent scientist in the Intellectual Property practice group where she focuses on patent preparation, procurement, prosecution, reissues, reexaminations and appeals before the U.S. Patent and Trademark Office. With an extensive background in chemical sciences, she works with clients on intellectual property due diligence matters such as inventorship and ownership analyses; portfolio analyses; and freedom-to-operate and validity searches, analyses and opinions for licensing and financing deals.

SERVICES AND INDUSTRIES

Patent

BACKGROUND

Prior to joining Armstrong Teasdale, Jo was a graduate researcher at Washington University working on technologies directed to drug delivery systems, polymer-based materials, and materials purification and characterization.

EDUCATION

- Washington University in St. Louis (Ph.D., 2024)
 - Chemistry
 - Graduate Student Teaching Award
 - Graduate Impact Leadership Award
 - Peer Safety Committee (PSC)
 - Chemistry Graduate Student Advisory Committee (CGSAC)
- Fairfield University (B.S., 2019)
 - Chemistry Major
 - Philosophy Minor
 - NASA CT Student Travel Grant

CHARITABLE AND CIVIC INVOLVEMENT

- St. Louis Chess Club STEM Camp (Volunteer)
- Catalysts for Change (C4C) (Volunteer)

LANGUAGES

- Haitian Creole
- French

THOUGHT LEADERSHIP

2023

Saltwater-Induced Rapid Gelation of Photoredox-Responsive Mucomimetic Hydrogels

Advanced Materials

2024

Electrostatic Loading and Photoredox-Accelerated Release of Antibiotics from Oligoviologen-Crosslinked Hydrogels Using Red Light

Materials Today Chemistry

2022

Iterative Step-Growth and Controlled Degradation of Unimolecular Polyviologens

Chemical Communications

2022

Electrostatic Loading and Photoredox-Based Release of Molecular Cargo from Oligoviologen-Crosslinked Microparticles

Polymer Chemistry

2020

Impact of C- terminal chemistry on self-assembled morphology of guanosine containing nucleopeptides

Molecules