

## Trevor Lyons

PATENT AGENT

Patents and  
Innovations  
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## FOCUS AREAS

Patents and Innovations

## EXPERIENCE

Dr. Trevor Lyons is a patent agent in the Washington, D.C., office of Wilson Sonsini Goodrich & Rosati, where he is a member of the patents and innovations practice. His technical expertise spans across a variety of fields including inorganic chemistry, polymer chemistry, physical chemistry, semiconductors, and nanomaterials for biological applications.

Trevor received his Ph.D. in chemistry from Georgetown University where his doctoral research focused on the development and evaluation of novel organic-inorganic composite materials for use as magnetic resonance imaging (MRI) contrast agents. During this time, he worked closely with members of an interdisciplinary collaboration comprising medical researchers and physicists. Prior to his education at Georgetown, Trevor conducted research at Western Connecticut State University where he researched conductive metal organic frameworks. He has presented his research at several national conferences including the American Chemical Society national meetings.

## CREDENTIALS

### Education

- Ph.D., Chemistry, Georgetown University, 2022
- M.S., Chemistry, Georgetown University, 2020
- B.A., Chemistry, Western Connecticut State University, 2017  
*Minor in Mathematics*

### Admissions

- U.S. Patent and Trademark Office

## INSIGHTS

### Select Publications

- Co-author, "Paramagnetic  $Mn_8Fe_8$ -co-Polystyrene Nanobeads as a Potential  $T_1$ - $T_2$  Multimodal Magnetic Resonance Imaging Contrast Agent with *In Vivo* Studies," 13(33) *ACS Applied Materials & Interfaces* 39042-39054, 2021
- Co-author, "Paramagnetic Clusters of  $Mn_3(O_2CCH_3)_6(Bpy)_2$  in Polyacrylamide Nanobeads as a New Design Approach to a  $T_1$ - $T_2$  Multimodal Magnetic Resonance Imaging Contrast Agent," 11(20) *ACS Applied Materials & Interfaces* 18153-18164, 2019