

Proposed Jonathan's Bio for PNNL/WSU



Dr. Jonathan Male rejoined Pacific Northwest National Laboratory (PNNL) in the Energy Processes and Materials Division in May 2020 and in December 2020 became an adjunct faculty in the Biological Systems Engineering Department of Washington State University. In June 2021 Jonathan became the co-director of the WSU-PNNL Bioproducts Institute. Jonathan is interested in developing affordable technologies for the reuse of carbon.

Previously Jonathan was in the role of the Director of the Bioenergy Technologies Office (BETO) in the Office of Energy Efficiency and Renewable Energy (EERE) at the Department of Energy (DOE) for over six years. As Director of BETO, he led the Office's work to lower modeled costs, reduce technology uncertainty, and accelerate research and development of bioenergy and renewable chemicals technologies in the emerging bioeconomy.

Jonathan was at PNNL from 2006-2013 where he held a variety of research and management positions, including Lab Relationship Manager for Bioenergy, Management and Operational detail with the Office of Biomass Program, and Scientist with projects in aftertreatment catalysts, scintillators, and catalysts to produce renewable chemicals.

Before joining PNNL Jonathan worked at General Electric where he developed programs in heterogeneous and homogeneous catalysts at the GE Global Research Center in Niskayuna, New York.

Jonathan has more than 20 years of research experience in catalysts, inorganic materials, high throughput experimentation, greenhouse gas emissions reduction technologies, production of chemicals, and fuels. He has numerous publications, patents, and presentations in these fields.

Dr. Male received his Bachelor of Science degree in Applied Chemistry from the University of Greenwich, England, and his Ph. D. in Organometallic Chemistry at Simon Fraser University, Canada.