

Jennifer Mawdsley

Argonne National Laboratory
9700 South Cass Avenue, Bldg. 205
Argonne, IL 60439-4837
phone: 630/252-4608
fax: 630-972-4452
e-mail: mawdsley@cmt.anl.gov

Professional Experience

- Development of electrode materials for solid oxide fuel cells and electrolyzer cells
- Development of catalyst materials and processing methods for hydrogen production for fuel cell systems
- Characterization of catalyst materials for hydrogen production and fuel cell systems, including x-ray diffraction, SEM, EDX, and TEM
- Materials evaluation for hydrogen production by hybrid thermochemical-electrochemical cycles

Professional Society Activities

- American Ceramic Society

Education

- PhD, Materials Science and Engineering, Northwestern University
- MS, Materials Science and Engineering, The University of Michigan–Ann Arbor
- BS, Ceramic Engineering, University of Illinois at Urbana-Champaign