

J. David Carter

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Professional Experience

- Develop materials and fabrication methods for solid oxide fuel cells
- Build, test, and post-test evaluation of solid oxide fuel cells and stacks
- Hydrogen production from high-temperature steam analysis
- Development of catalysts for on-board fuel reforming of fossil fuels to hydrogen
- Development of materials for oxygen separation membranes

Professional Society Activities

- American Ceramic Society

Patents and Publications

- 8 patents, 4 pending
- More than 60 technical publications and presentations

Awards

- Federal Laboratory Consortium Award for Excellence in Technology Transfer, 2002
- R&D 100 Award, 2001

Education

- PhD and MS, Ceramic Engineering, University of Missouri, Rolla
- BS, Material Science and Engineering, University of Utah