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[Home](#) > [Personnel](#) > Bruce G. Miller

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## Research Activities:

- Stationary combustion systems (fixed-bed, pulverized, and fluidized-bed) utilizing coal and biomass
- Advanced fuels evaluation and characterization
- Air emissions (sulfur dioxide, nitrogen oxides, trace metals, organic compounds) characterization and control
- Coal and biomass conversion (pyrolysis, gasification, and liquefaction)
- Material handling, hardware development, and component evaluation
- Behavior of inorganic constituents in fuel utilization systems

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