

AMES LABORATORY SCIENCE

Ames Laboratory
Creating Materials and Energy Solutions

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Visit our website:
www.ameslab.gov

We create materials and energy solutions. Our 70+ year history of doing great science has had a significant impact on our nation. Our research programs reflect our multi-disciplinary, cross-cutting approach to scientific discovery.

Chemical and Biological Sciences: We conduct fundamental and applied studies of how to control and manipulate chemicals and biological materials, with expertise in developing new tools and advanced computational methods to understand what drives chemical and biological processes.

Critical Materials Institute: We focus on technologies to diversify supply chains, develop substitute materials, improve reuse and recycling, and predict when a material may become critical.

Materials Sciences and Engineering: We are an internationally recognized leader in condensed matter physics and the materials sciences, developing new ways to design, produce and use existing materials, and discovering new environmentally friendly materials to meet global challenges.

Simulation, Modeling and Decision Science: We develop computational tools, algorithms, and strategies to analyze, understand, create, design and build complex systems.

