

# FAS

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## Congressional Research and Development Caucus

The latest DOE forecast suggests that the US will be dependent on foreign suppliers for 68% of its oil by 2025 – and an increasing fraction of world supply will come from the Persian Gulf. Any substitute for today's gasoline and Otto-cycle engines will take years to implement. It's important to act but difficult to sort through the many options and advocates.

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American Scientist (FAS)  
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conjunction with the  
Congressional Research  
and Development Caucus  
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*You are cordially invited to attend a luncheon seminar*

## Alternative Technologies for Fuels and Engines

**Thursday, January 27, 2005 | 12:30 PM to 2:00 PM  
2325 Rayburn House Office Building, Washington, DC**

There are many alternatives to conventional automobile engines and gasoline but every one of them faces major problems. This luncheon briefing will explore the practical options for new fuels and new engines including synthetic diesel fuel, DME, methanol, and hydrogen and a variety of improved engine cycles and fuel cell designs. The presentations will explore the way options could provide cost-effective transportation, ensure diversity of supply, meet environmental and other goals, and implications for R&D priorities.

### **Opening Remarks**

Representative Judy Biggert  
Representative Rush Holt  
Co-chairs, House R&D Caucus

### **Speakers**

**Charles Gray, Jr.**  
Director of the Advanced Technology Division  
Environmental Protection Agency

**Robert H. Williams**  
Senior Research Scientist  
Princeton Environmental Institute

RSVP not necessary, but seating is limited.

If you would like more information please e-mail or call  
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