

Vehicle Technologies Office Newsletter

Director's Corner

As another year comes to a close, we want to thank everyone that has played a role in our successes over the last year. Our work is a success thanks to our partners at the national laboratories, in industry, and academia.

We hope that everyone enjoys some time with friends and family as we ring in the new year. VTO's 2019 is already shaping up to be a busy year, so keep an eye out for VTO updates.

-David Howell
Acting VTO Director

SAVE THE DATE:

2019 Annual Merit Review

When: June 10 - 13, 2019

Where: Hyatt Regency Crystal City

Office Highlights

Department of Energy Announces \$80 Million Investment in Advanced Vehicle Technologies Research

In September, the U.S. Department of Energy (DOE) announced the selection of 42 projects totaling \$80 million to support advanced vehicle technologies that can enable more affordable mobility, strengthen domestic energy security, reduce our dependence on foreign sources of critical materials, and enhance U.S. economic growth. This work supports DOE's goal to invest in early-stage research of transportation technologies that can give families and businesses greater choice in how they meet their mobility needs. [Read more about DOE's selections.](#)

Department of Energy Announces New Solicitation for the HPC for Materials Program

In November, the U.S. Department of Energy (DOE) announced a new solicitation under the High Performance Computing for Energy Innovation (HPC4EI) Initiative. The new funding opportunity is a joint solicitation between the High Performance Computing for Materials (HPC4Mtls) Program and the High Performance Computing for Manufacturing (HPC4Mfg) Program, announced by Secretary Perry in 2017. It is the second solicitation for the HPC4Mtls Program and the seventh for the HPC4Mfg Program. [Read more about the solicitation.](#)

Department of Energy, General Motors, and MathWorks launch EcoCAR Mobility Challenge

In October, the U.S. Department of Energy (DOE), General Motors and MathWorks today announced the launch of the EcoCAR Mobility Challenge, the latest DOE-sponsored Advanced Vehicle Technology Competition (AVTC) revealing the 12 competing universities and the Chevrolet Blazer as the vehicle platform selected for the competition. The headline sponsors are the U.S. Department of Energy, General Motors, and MathWorks, and the challenge is managed by Argonne National Laboratory, making EcoCAR the ultimate training ground for future leaders in the automotive industry. [Read more about the EcoCAR Mobility Challenge.](#)



Vehicle Technologies Office Announces High Performance Computing for Energy Innovation Selections

In September, VTO announced four new high performance computing projects, as part of the High Performance Computing for Energy Innovation Initiative, a DOE-wide effort comprising the Office of Energy Efficiency and Renewable Energy (EERE), the Office of Fossil Energy (FE), the Office of Science, and the national laboratories. The initiative, in partnership with industry, leverages high performance computing resources at the national laboratories to advance energy innovations in four areas – materials, manufacturing, mobility, and subsurface. Selected projects will have access to the labs' high performance computing (HPC) facilities, as well as the labs' expertise in modeling, simulation, and data analysis. [Read more about the selections.](#)

Reports and Publications

Find more on [VTO's Report & Publications page.](#)

2018 Annual Merit Review Report

The 2018 U.S. Department of Energy (DOE) Vehicle Technologies Office (VTO) Annual Merit Review Meeting (AMR) was held June 18-21, 2018, in Arlington, VA. The review encompassed all of the work done by VTO: 235 individual activities were reviewed by 247 reviewers. A total of 1,202 individual review responses were received for the VTO technical reviews. [Read the 2018 AMR report.](#)

Fuel Economy Guide 2018

The U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE) produce the Fuel Economy Guide to help car buyers choose the most fuel-efficient vehicle that meets their needs. The Guide is available on the Web at fuelconomy.gov.



Meet the Team:

Mark Smith



The Vehicle Technologies Office's Technology Integration Program Manager, Mark Smith started his career in the steel and metals industry. Learn how he made the transition to working at DOE's Vehicle Technologies Office in [our recent interview with Mark.](#)