

## EPA Awards \$6.6 Million to Universities for Black Carbon Research

Written by David Bryan

Tuesday, 25 October 2011 10:52

---

- [19.95\\$ Neobyte Titan Backup cheap oem](#)
- [Buy OEM ElcomSoft Advanced ARJ Password Recovery 2.0](#)
- [Download Alien Skin Blow Up 3](#)
- [Discount - Autodesk Smoke 2011 MAC](#)
- [Buy OEM Adobe Illustrator CS5 Classroom in a Book](#)
- [Buy Adobe Creative Suite 4 Web Standard \(en\)](#)
- [Buy Cheap MathWorks PTC MathCAD 14](#)
- [Download Autodesk AutoCAD Structural Detailing 2014 \(32-bit & 64-bit\)](#)
- [Buy OEM Kolor Autopano Giga 3](#)
- [Discount - Nero 10 Multimedia Suite](#)
- [49.95\\$ Intuit Quicken Rental Property Manager 2009 cheap oem](#)
- [Buy OEM Avanquest Partition Commander Server Edition 10](#)
- [Download Ashampoo Burning Studio 8](#)
- [Buy OEM Kingsoft Office 2009](#)

EPA Awards Almost \$900,000 to University of Iowa Black Carbon Research

**WASHINGTON** – The U.S. Environmental Protection Agency (EPA) has awarded more than \$6.6 million in grants to eight universities in support of black carbon research. Black carbon is the sooty black material emitted from diesel-powered engines and vehicles, industries like brick kilns and coke ovens, traditional cookstoves, and other sources that burn fossil fuels or biomass. Black carbon can affect the climate in the near term, and like other types of fine particles, can cause serious health effects such as cardiovascular and respiratory ailments. Unlike greenhouse gases, which remain in the atmosphere for decades or centuries, black carbon particles only stay in the atmosphere for days or weeks. Therefore, reducing black carbon emissions could have a positive effect on our climate quickly.

"This research on black carbon will provide valuable information about the impact of black carbon on climate change," says William Sanders, director of EPA's National Center for Environmental Research. "An increased understanding of the impact black carbon has on climate change will better protect people and the environment."

## EPA Awards \$6.6 Million to Universities for Black Carbon Research

Written by David Bryan

Tuesday, 25 October 2011 10:52

---

EPA's Science to Achieve Results (STAR) program awarded nine grants to support research to study the role and effects of black carbon. The research will analyze the impacts of black carbon on air and water quality, investigate the behavior of black carbon aerosols in the atmosphere, and develop innovative tools such as computer models to look at black carbon deposits on snow. Black carbon deposited on snow and ice hastens melting by directly absorbing sunlight and by darkening the surface, which reduces the amount of light reflected back to space. The research also examines the aging of black carbon in the atmosphere.

Award recipients include the University of Illinois at Urbana-Champaign; Carnegie Mellon University; University of California, Irvine; University of California, Riverside; University of Iowa; University of Washington; University of Wisconsin-Madison; and Rutgers University.

More information on the black carbon research projects: [www.epa.gov/ncer/blackcarbon](http://www.epa.gov/ncer/blackcarbon)

University of Iowa project team will receive \$895,432 for their black carbon research project.

## **EPA Awards \$6.6 Million to Universities for Black Carbon Research**

Written by David Bryan

Tuesday, 25 October 2011 10:52

---

R313