

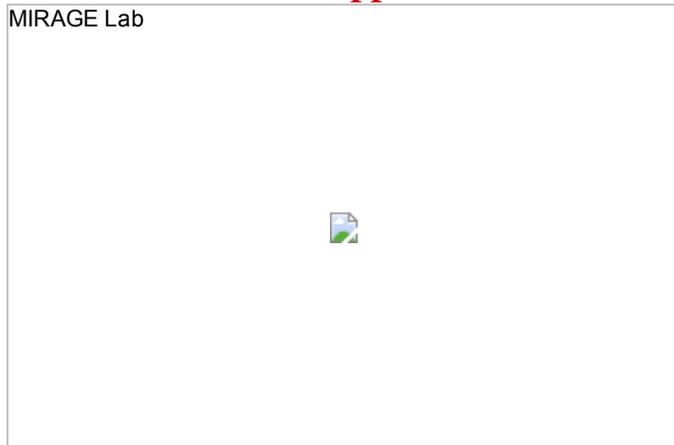
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February 28, 2013

MIRAGE lab mixes real and virtual to create new research opportunities

MIRAGE Lab



Researchers have mixed the real and virtual worlds to create a unique research lab called MIRAGE. The lab's props, technology, and stagecraft provide full-body immersion in virtual environments. That is helping researchers study new ideas in military training and better software for 3-D viewing.

The MIRAGE research team is led by **Stephen Gilbert**, associate director of VRAC and assistant professor of industrial and manufacturing systems engineering; **Eliot Winer**, associate director of VRAC and associate professor of mechanical engineering; and **James Oliver**, director of VRAC and University Professor of mechanical engineering. All three are also faculty in the human computer interaction graduate program. ([MIRAGE release](#))

ME student among group from Iowa State awarded NASA Fellowship

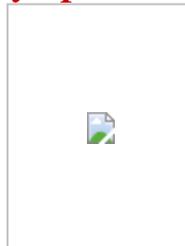
This fall, five Iowa State students were awarded research funding through the Iowa Space Grant Consortium program, a fellowship distributed by NASA.

Benjamin Huseman, senior in mechanical engineering, will be working with associate professor in food science and human nutrition on two projects. One of the projects is funded through the NASA fellowship and is entitled Developing a Novel Algal Culture as a Live Support System under Microgravity Conditions. ([NASA fellowship story](#))

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Hashemi invited to attend NAS symposium

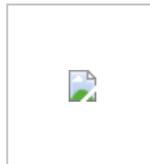
Nastaran Hashemi, William March Scholar in Mechanical Engineering and assistant professor, has been invited to attend the National Academy of Sciences Indo-American Frontiers in Science, being held April 7-10, in Agra, India. The symposium is designed to create a collaborative environment by bringing together outstanding young scientists from diverse disciplines to share their research. ([Hashemi release](#))



3-D printer 'invaluable' piece of technology for students

The College of Design and the College of Engineering share a 3-D printer that is revolutionizing the way students design products. The \$170,000 printer is located in Howe Hall and uses an additive process to print products, meaning as it prints projects, it adds materials to create the product. ([3-D printer video](#))

ME alum named 9th president of Carnegie Mellon University



Subra Suresh (MSME'79) has been named Carnegie Mellon University's new president, succeeding Jared L. Cohon, who is stepping down from the position after 16 years. Suresh will assume the post of CMU president on July 1. ([Suresh release](#))

Upcoming poster competition

At tcbiomass2013, researchers, scientists, engineers, technicians, and others can share their latest breakthroughs, experiences, and innovations with the global bioenergy industry. A broad array of papers will be selected for oral or poster presentation at dedicated sessions during the conference. [Abstract submissions are due March 15, 2013.](#)

Upcoming events

March 6 – [Evolution in Immune Systems - Michael Deem](#), Great Hall, Memorial Union, 8 to 10 p.m.

March 7 – [Discover ERCs](#), Alliant Energy-Lee Liu Auditorium, Howe Hall, 5 to 7 p.m.

March 7 – [The Hockey Stick and the Climate Wars - Michael Mann](#), Great Hall, Memorial Union, 8 to 10 p.m.

March 29 – [VRAC Tour](#), Alliant Energy-Lee Liu Auditorium, Howe Hall, 1 to 2 p.m.

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