

Award presented to Iowa State scientists

July 19 2006

Software that helps engineers solve problems has won national recognition for a team of Iowa State University and Ames Laboratory scientists.

A 2006 R&D 100 Award will be presented to Mark Bryden, associate chairman and associate professor of mechanical engineering; Gerrick Bivins, an Iowa State graduate who manages a software project in Bryden's lab; and Doug McCorkle, a doctoral student in mechanical engineering.

Their work has been supported by nearly \$1.3 million from the U.S. Department of Energy's Ames Laboratory on the Iowa State campus.

The R&D 100 Awards, presented annually by R&D magazine, have been called the "Oscars of applied science."

This is the 29th R&D 100 Award won by Iowa State researchers.

Bryden, Bivins and McCorkle invented a "texture based engineering" software tool that converts large 3-D data sets into pictures with which engineers can analyze and work.

The tool is one part of a virtual engineering software package called VE-Suite developed by Bryden and his research team.

This year's R&D 100 winners will be featured in the September issue of R&D magazine. The winners will also be honored at an October Chicago

banquet.

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