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## Simio Awards \$138,600 Grant to Virginia Tech

*Simulation Software Award Gives University Academic Edition Licenses to Support Teaching and Research in Simulation*

**Sewickley, Pa.** – [Simio](#), a developer of 3D object-oriented [simulation software](#), has awarded a \$138,600 grant to the College of Engineering at Virginia Tech. Virginia Tech's College of Engineering undergraduate program ranks 14th in the nation (tied with Johns Hopkins and Northwestern), according to the most recent survey conducted by *U.S. News & World Report* of all accredited engineering schools that offer doctorates.

Virginia Tech is now one of over 190 universities worldwide to join Simio's academic program, which offers Simio's 3D modeling software to schools at no charge. Simio Academic Edition is fully capable software with no model size limits and includes discrete and continuous modeling, object library development, and 3D animation.

"The faculty at Virginia Tech is committed to providing the best environment for their students to learn simulation," said Dennis Pegden, founder and CEO of Simio. "We are honored to provide them with the best software available to teach their students."

Virginia Tech will use Simio as a medium, using concepts in which discrete-event simulation are introduced to undergraduate students. Students will be exposed to the latest in modeling through Simio, while learning the fundamentals of simulation methodology.

"Simio is the state of the art when it comes to modeling discrete-event systems," said Virginia Tech Industrial and Systems Engineering Professor Raghu Pasupathy.

Students at the school will be able to model systems using intelligent objects and the software's direct connection to Google's 3D Warehouse – two features unique to Simio.

The intelligent objects are built by modelers and then may be reused in multiple modeling projects. These objects can be stored in libraries and are easily shared. Simio's connection to Google's 3D Warehouse gives access to a free online library of thousands of graphic objects – providing students with the ability to solve real-world problems in visually rich environments.

### **About Virginia Tech's College of Engineering**

Virginia Tech's College of Engineering is internationally recognized for its excellence in 14 engineering disciplines and computer science. As the nation's third largest producer of engineers with baccalaureate degrees, undergraduates benefit from an innovative curriculum that provides a hands-on, minds-on approach to engineering education. It complements classroom instruction with two unique design-and-build facilities and a strong Cooperative Education Program. With more than 50 research centers and numerous laboratories, the college offers its 2,000 graduate students opportunities in advanced fields of study, including biomedical engineering, state-of-the-art microelectronics, and nanotechnology.

<http://www.eng.vt.edu/main/index.php>

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