

# Harold W. Gegenheimer Lecture

Thursday, December 8, 2011 from 11 a.m. to 1 p.m.

The Woodruff School's annual Harold W. Gegenheimer Lecture

To be held at the Georgia Tech Ferst Center

*reception to follow*



This year's lecture will be given by:

**Mr. John G. Voeller (BME 1971)**

**Chief Knowledge Officer and Chief Technology Officer for Black & Veatch and ASME White House Fellow.**

Voeller is a member of the corporate management team at Black & Veatch and is responsible for visioning strategic technology directions. In October 2003, he took a year off to accept an ASME Fellowship in the Office of Science and Technology Policy for the executive office of the President and has been asked to continue this work under contract through the ASME ITI, LLC for clients such as DHS, OSTP, DARPA and several Washington firms. He is the principal

architect of POWRTRAK, the automated engineering system of Black & Veatch that was used to build over 500 power facilities around the world. Voeller also serves as CEO and president of Data Discovery, Inc., which sells his recursive, search technology; CEO and president of General Integration Corp., specializing in highly collaborative environments; and CEO and president of Nuhands Corp., a firm specializing in products for aiding senior citizens and the handicapped. Voeller holds a bachelor of science in mechanical engineering from the Georgia Institute of Technology and is a registered professional engineer in the states of Kansas and Michigan.

## The Overlooked Innovation

As we race into the greatest half century for engineering innovation since Corliss, Benz, Holtand Diesel changed our world over a century ago, we must consider whether the new advances in technologies or the complex issues creating new needs will challenge the fundamentals of engineering used to implement past innovations. This Gegenheimer Lecture will visit the basis of the last century of innovation and discuss how the next half century could use the same basis differently to enable the greatest expansion of human creativity ever seen or needed... if we remember the most fundamental of our fundamentals and eliminate our longest standing professional bias starting now.

## Innovation at the Woodruff School

[ME 2110 Design Contest](#) and [Capstone Expo](#)

Plan to attend the Capstone Expo on December 8 from 6 to 8 p.m.

[Invention Studio](#) | [The Makers Club](#) | [Inventure Prize](#)

**Competition Teams:**

[GT CanSat](#) | [GT Motorsports](#) | [GT Off-Road](#) | [RoboJackets](#) | [Solar Jackets](#) | [Wreck Racing](#)



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