

## **Mechanical Simulation Corporation**

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### **MECHANICAL SIMULATION'S THOMAS GILLESPIE, Ph.D. APPOINTED TO NATIONAL ACADEMY OF SCIENCES COMMITTEE**

Committee to Review  
Truck R&D Programs

ANN ARBOR, Mich., June 14, 2007 – Thomas D. Gillespie, Ph.D., director of product planning and co-founder of Ann Arbor, Mich.-based Mechanical Simulation Corporation, has been appointed to the National Academy of Sciences' (NAS) Committee for Review of the 21<sup>st</sup> Century Truck Partnership. The committee will conduct an independent review of the goals, timing, progress, balance and appropriateness of the program.

The 21<sup>st</sup> Century Truck Partnership was formed in 2000 to coordinate truck research and development programs under the U.S. Departments of Energy, Transportation and Defense and the Environmental Protection Agency in partnership with industry to increase efficiency, reduce emissions and improve the safety of the nation's truck transportation system. The program encompasses a broad range of research and development projects covering such topics as hybrid and electric powertrains, alternative fuels, materials technologies, sources of parasitic losses and safety systems.

"I'm honored to have been named to this committee, and to participate in this important work," said Dr. Gillespie. "The 21<sup>st</sup> Century Truck Partnership draws on the best talents from U.S. industries and government agencies to develop new technologies that will be needed for our truck transportation system to meet the challenges of the future."

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The committee meets every few months to confer and receive briefings on the projects by federal agencies. The NAS report on the review is scheduled for release by the end of 2007.

Dr. Gillespie, a researcher with the University of Michigan Transportation Research Institute (UMTRI), established Mechanical Simulation Corporation in 1996 along with Dr. Michael W. Sayers. Dr. Gillespie, Dr. Sayers and the UMTRI pioneered vehicle dynamic behavior and modeling more than 30 years ago, and these assumptions and experiments continue to be validated and expanded by further experiments today. Known worldwide as the leader in vehicle dynamics engineering, Dr. Gillespie authored the textbook “Fundamentals of Vehicle Dynamics” (considered required reading for all vehicle dynamics engineers), and teaches the subject to engineers at many of the world’s automotive manufacturing companies.

-30-

**About the NAS:** The National Academy of Sciences (NAS) is an honorific society of distinguished scholars engaged in scientific and engineering research, dedicated to the furtherance of science and technology and to their use for the general welfare. NAS membership is composed of approximately 2,000 members and 350 foreign associates, of whom more than 200 have won Nobel Prizes. Members and foreign associates of the NAS are elected in recognition of their distinguished and continuing achievements in original research.

**About Mechanical Simulation Corporation:** Mechanical Simulation Corporation is a technology leader in the development and distribution of advanced software used to simulate vehicle performance under a wide variety of conditions. Established in 1996, its Ann Arbor, Mich., headquarters provides car, truck and motorcycle simulation packages, training and ongoing support to more than 20 OEMs, over 30 Tier 1 suppliers and more than 60 universities and government research groups worldwide. For more information, visit [www.carsim.com](http://www.carsim.com).