

WHO WE WORK WITH

- Automotive industry
- Tier one and automotive suppliers
- Pharmaceutical companies
- Federal and state government entities
- Computer and software industry
- Health sciences

Our research saves lives, improves quality of life for drivers, advances driving simulation technologies, and improves the efficiency and productivity of the automotive and supporting industries.

LEARN MORE

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Follow us:

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🐦 @DrivingSim

➔ [NADS-SC.UIOWA.EDU](https://nads-sc.uiowa.edu)



IOWA



THE
NATIONAL ADVANCED
DRIVING SIMULATOR

Making our roads safer by researching the connection between humans and vehicles

RESEARCH FOCUS

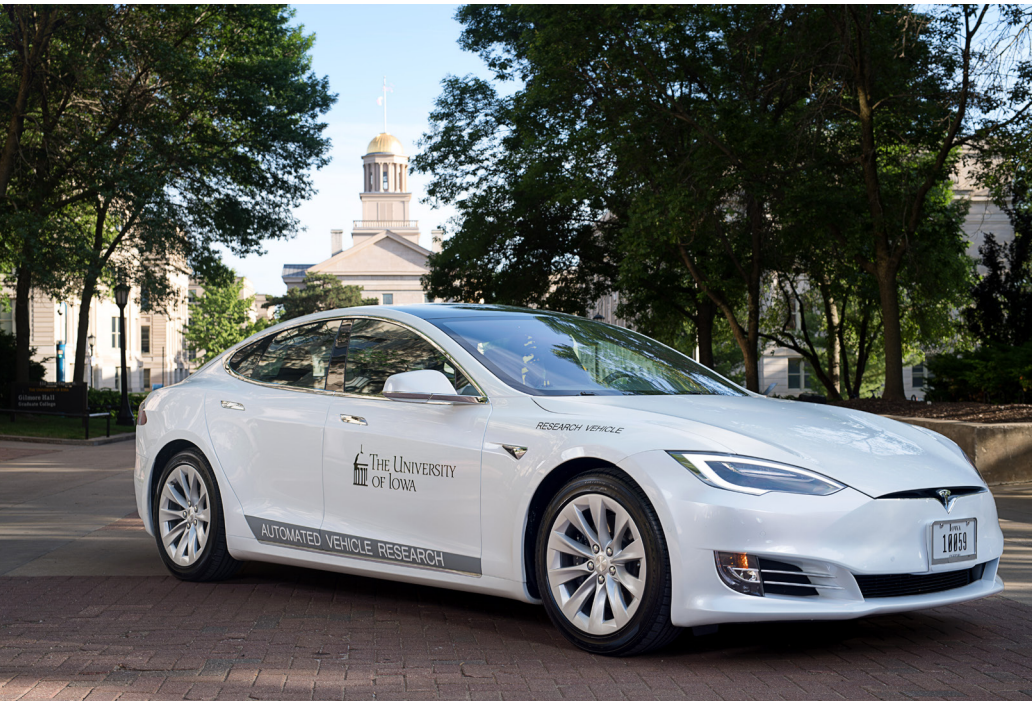
The National Advanced Driving Simulator (NADS) conducts research with simulators and on-road vehicles. Funded by government, military, and industry partners, our expertise includes:

- Human factors
- Distracted driving
- Drowsy driving
- Drugged driving
- Connected and automated vehicles
- At-risk populations (older and novice drivers)
- Mobility
- Simulation science
- Crash biomechanics
- Safety and crash data analysis

ON-ROAD VEHICLES

Our fleet of research vehicles includes:

- Tesla Model S75D (pictured)
- Lincoln MKZ
- Volvo XC90
- Toyota Camry XLE
- Ford mobility bus (coming in 2021)



SIMULATORS

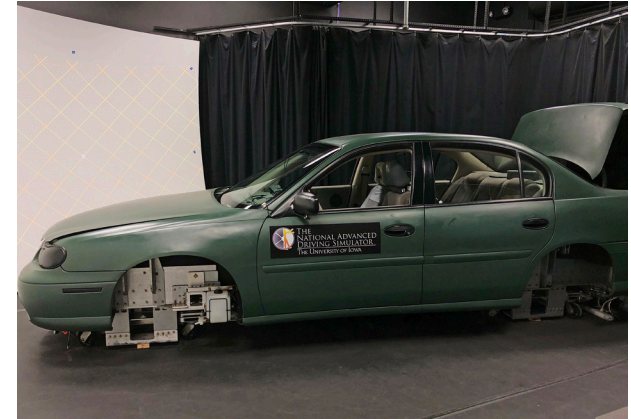
NADS-1 simulator

One of the world's most realistic driving simulators



NADS-2 simulator

A fixed-base simulator with high-resolution graphics



NADS miniSim™

A low-cost PC-based portable simulator available for purchase

