



# An RDE Perspective

DR. GRACE BOCHENEK  
DIRECTOR

October 2006



SUPERIOR TECHNOLOGY



FOR A



SUPERIOR ARMY



**RDECOM**

**TACOM**  
The Soldier and Ground Systems  
Life Cycle Management Command

**TARDEC**  
U.S. ARMY TANK AUTOMOTIVE RESEARCH, DEVELOPMENT AND ENGINEERING CENTER



SUPERIOR TECHNOLOGY FOR A SUPERIOR ARMY

# Center for Unmanned Ground Vehicles (CUGV)

## Mission

*Establish the U.S. focal point for all military ground vehicle robotics and to provide support across the life cycle spectrum (research, development, acquisition and sustainment) for all current and future military unmanned ground vehicles*

# CUGV - A TARDEC Led Collaboration

SUPERIOR TECHNOLOGY FOR A SUPERIOR ARMY

Customers/Requirement Drivers

Center Management

OGA Partners

LCMC Partners

Robotics Center

TARDEC

RD & A Focus

Local Industry & Academia

Partner Centers of Excellence

Commercial Partners

- Leverage the intellectual capital in manned vehicle research, development, acquisition and sustainment support to the LCMC for enabling the transformation of the Army fleet to 33% unmanned ground vehicles by 2015
- Focus on two technology paths:
  - Core Robotic Technologies (e.g. perception, teleoperation, vision)
  - Enabling Robotic Technologies (e.g. mobility, power & energy)