

Welcome, on behalf of
the UT Chattanooga
Challenger STEM
Learning Center



THE UNIVERSITY of TENNESSEE 
CHATTANOOGA

Challenger Center Mission

- ✦ *Challenger Centers* are non-profit education centers whose beginnings came as a direct result of the Challenger space shuttle tragedy in 1986. The surviving family members created this living memorial in honor of their loved ones.
- ✦ This Challenger Learning Center was built on the campus of the University of Tennessee Chattanooga. We have strong relationships with both the University's *Teacher Preparation Academy* and the *Hamilton County Department of Education*.

HISTORY

- ✦ The first Challenger Learning Center opened in Houston in August 1988. Today, there are more than 40 Learning Centers in the U.S., Canada, South Korea, and the United Kingdom. Collectively, these centers reach more than 400,000 middle-school aged students and 40,000 teachers each year. Since 1986, Challenger Center has impacted more than 4 million students. It maintains strong partnerships with NASA, other federal agencies, universities and the aerospace industry who help keep curriculum current



CHALLENGER CENTER



IN MEMORY OF RUTH McKEE



Over 5000 Visitors Each Year



Our Programs

PROGRAM	AUDIENCE
ON-SITE SPACE MISSIONS	Grades 5-8, After school
MICRONAUTS	Grades K-4, After school
VIRTUAL MISSIONS	Grades 5-8, After school
HANDS-ON SCIENCE	Grades 5-8, After school
SUMMER CAMPS	Grades K-8, After school
TEACHER PROFESSIONAL DEVELOPMENT	Teachers, Teacher Prep Students
TEAM BUILDING	Corporate, Birthdays, After school

Mission Programs

- ✦ **Four Simulated Space Missions**

- ✦ “Rendezvous With a Comet”
- ✦ “Return to the Moon”
- ✦ “Mission to Mars”
- ✦ “Encounter Earth”

- ✦ **Two-Hour Space Simulations**

- ✦ **Grade Level Oriented-- Meets Math and Science Standards**
 - ✦ Promotes STEM



STEM “Virtual” Programs



STEM “Virtual” Programs

- ✦ Internet Based
 - ✦ Regional, STEM Problem Based Scenarios
 - ✦ Serve Schools Statewide; Urban and Rural
 - ✦ Eliminates System Off-Campus Travel
 - ✦ Reduces Transportation Cost to Zero
 - ✦ Incorporates Common Core Math and Next Generation Science Standards
 - ✦ Heavy use of Technology

Please Contact Us

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