



Center of Excellence for Commercial Space Transportation

The Center of Excellence (COE) for Commercial Space Transportation (CST) was announced by the Administrator in September 2010. The member universities provide comprehensive geographical coverage representing the entire Commercial Space Transportation industry.

The establishment of the COE CST is supported at a minimum level of one million dollars per year for 10 years. A public announcement was made in August 2010 that two of the proposing teams had been selected to be combined into a single center. The FAA has distributed almost \$14.3M among the COE CST member universities to fund research tasks. The member universities and industry partners have generated over \$14.3M in matching funds. Combined, the nine universities bring over 50 other government, industry and academic organizations together as research partners.

Like all FAA Centers of Excellence previously selected by FAA Administrators, this COE will encourage and facilitate the collaboration of world class scientists and the leveraging of shared resources and capabilities to maximize the synergy amongst government entities, academic partners, and industry affiliates.

COE CST members universities coordinate efforts to define and conduct research, disseminate results and engage in technology transfer for public purpose while they educate, train, and prepare the next generation of commercial space transportation professionals.



Core member universities are:

- Florida Institute of Technology (FIT)
- Florida State University (FSU)
- New Mexico Institute of Mining and Technology (NMT)
- New Mexico State University (NMSU)
- Stanford University (SU)
- University of Central Florida (UCF)
- University of Colorado at Boulder (CU)
- University of Florida (UF)
- University of Texas Medical Branch at Galveston (UTMB)

Affiliate Members:

- Carminati Law
- Danish Aerospace Company
- Embry-Riddle
- McGill
- ETC/NASTAR
- Immortal Data
- Princeton Sat Sys
- Project PoSSUM
- Solstar
- Sovaris Aerospace
- UNF
- UTPB

Associate Members:

- ASTM INTL
- CSF
- DLR
- EXOS Aero
- Interflight Global
- MITRE
- NASA AMES

Subcontractor Researchers:

- USC
- UT Austin
- Ohio State University
- Battelle CSEPP

For More Information

To learn more about the COE CST, the research tasks and the research road maps, visit us or download the following documents off the web:

- COE CST Website:
www.coe-cst.org
- Year 5 Annual Report Executive Summary:
bit.ly/COECSTr5ExecSumm
- 2015 Research Roadmap Report:
bit.ly/COECSTRv2

COE CST Program Manager

Ken Davidian

Director of Research
Email: ken.davidian@faa.gov
Phone: 202-267-7214

Karl Garman

Deputy Director of Research
Email: karl.s.garman@faa.gov
Phone: 202-267-0614

University Contact

James M. Vanderploeg, MD, MPH

Director FAA COE CST
University of Texas Medical Branch - Galveston Texas
Email: jmvander@utmb.edu
Phone: 409.747.6131

COE CST Research Areas

Established: 2010

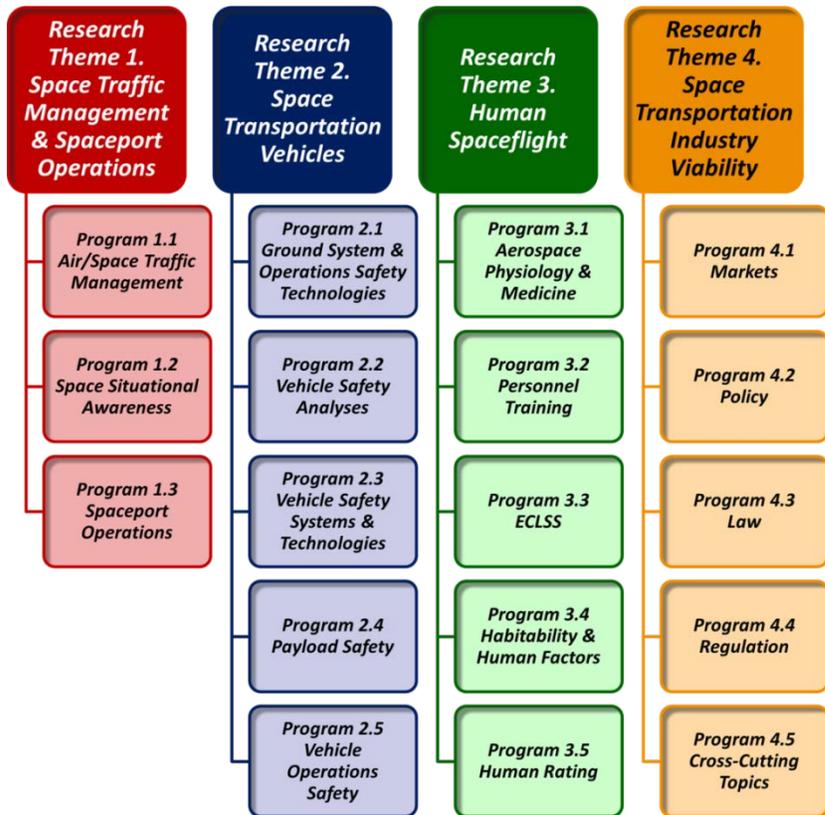
Research Areas

Space Traffic Management and Spaceport Operations
 Space Transportation Vehicles
 Human Spaceflight
 Space Transportation Industry Viability

Sponsor:

FAA Office of Commercial Space Transportation (AST)

<http://www.coe-cst.org>



FAA Centers of Excellence
 FAA William J. Hughes Technical Center
 Atlantic City Int'l Airport, NJ 08405
 Phone: (609) 485-6242
 Email: karen.s.davis@faa.gov
 Website: www.faa.gov/go/coe

The FAA has also established the following Centers of Excellence:

- Technical Training & Human Performance
<https://coetthp.org/>
- Unmanned Aircraft Systems
<http://www.assureuas.org/>
- Alternative Jet Fuels and Environment
<https://ascent.aero>
- General Aviation Research
<https://www.pegasas.aero>
- Commercial Space Transportation
<http://www.coe-cst.org>
- Joint Center for Advanced Materials
<http://www.niar.twsu.edu/coe/cecam.asp>
<http://depts.washington.edu/amtas>