

National Aeronautics and Space Administration

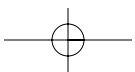
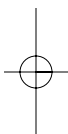
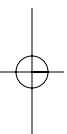


Turning Goals Into Reality

TGIR

2005 Awards Ceremony

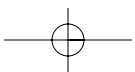
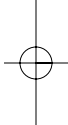
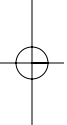






TGIR

Great Lakes Science Center ♦ Cleveland, OH ♦ October 25th, 2005



2005 AGENDA

Turning Goals Into Reality

5:00pm ♦ Guest Registration Opens

5:30pm ♦ Reception {Reinberger Hall}

6:45pm ♦ Awards Presentation

Welcome

Glenn Research Center Director, Dr. Julian Earls

Remarks

NASA Administrator, Dr. Michael Griffin

Senior Advisor to the Administrator for Aeronautics, Dr. Lisa Porter

NASA Associate Administrator for Aeronautics, Dr. Jaiwon Shin

Awards Program

Master of Ceremonies, Mr. Ralph Beaty

Student Presentation, Ms. Priya Datta

TGIR Awards Presentation, Dr. Michael Griffin

2005 AGENDA

Turning Goals Into Reality

8:00 pm ♦ Keynote Address {Omni Theater}

Award-winning author, Dr. James Hansen

"First Man: The Life of Neil A. Armstrong"

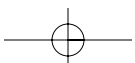
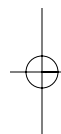
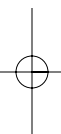
Released October 18, 2005

9:00 pm ♦ Closing Reception & Book Signing

10:00 pm ♦ TGIR Awards Program Concludes



◆ 7TH ANNUAL TGIR AWARDS CEREMONY ◆



Turning Goals Into Reality

MESSAGE FROM THE ASSOCIATE ADMINISTRATOR (ACTING)

Over the past 45 years, NASA's research and technology developments have transformed our society by contributing to safe and affordable air transportation, growth in critical national industries, and scientific exploration and discovery.

Through the Turning Goals in Reality awards, we are celebrating the year's most significant accomplishments in aeronautics that add to the NASA legacy. Today we honor these teams of women and men, along with their industry and university partners, for their contributions to our research goals. They are "turning goals into reality" by putting aeronautics technology into action to improve flight safety and quality of life, enable exploration, and engage and inspire future scientists and engineers.

NASA is transforming. Aeronautics research will play an important role in this transformation, strengthening our capabilities for exploration through fundamental research. We look forward to many more contributions to the NASA legacy, and turning goals into reality.



Dr. Jaiwon Shin
Associate Administrator of Aeronautics (Acting)

Turning Goals Into Reality

2005 AWARDS

OBJECTIVE 2.1

Aviation Safety

GULFSTREAM-V SYNTHETIC VISION SYSTEMS
INTEGRATED TECHNOLOGY EVALUATION
(GVSITE) TEAM

Langley Research Center ♦ Air Force Research Laboratory ♦
Gulfstream Aerospace Corporation ♦ Rockwell-Collins (Advanced
Technology Center & Flight Dynamics Division) ♦ Ohio University
♦ Rannoch Corporation ♦ University of Colorado ♦ Jeppesen ♦
Federal Aviation Administration

OBJECTIVE 2.2

Protect the Environment

ULTRA-EFFICIENT ENGINE TECHNOLOGY
PROJECT COMPONENT DEMONSTRATIONS TEAM

Federal Aviation Administration ♦ Gulfstream Aerospace Corporation
♦ Air Force Research Lab ♦ Boeing Commercial Airplane Group ♦
Pratt & Whitney ♦ Allison Advanced Development Corporation ♦
Army Research Lab ♦ Honeywell ♦ Williams International ♦
Georgia Institute of Technology ♦ Lockheed Martin Corporation ♦
General Electric Aircraft Engines ♦ Glenn Research Center

Turning Goals Into Reality

2005 AWARDS

OBJECTIVE 2.3

Increase Capacity and Mobility

**MULTI-CENTER TRAFFIC MANAGEMENT
ADVISOR (MCTMA) DEVELOPMENT TEAM**

**Ames Research Center ♦ Federal Aviation Administration ♦
Mitre-Center for Advanced Aviation System Development ♦
Computer Sciences Corporation ♦ Methods Corporation ♦
Northrop Grumman Information Technology ♦ Spectrum Software**

OBJECTIVE 2.3

Increase Capacity and Mobility

**SMALL AIRCRAFT TRANSPORTATION SYSTEM
(SATS) PROJECT TEAM**

**Langley Research Center ♦ FAA - The William J. Hughes Technical
Center ♦ FAA WJHTC - Office of Integrated Engineering Services
(ACB-1) ♦ National Consortium for Aviation Mobility ♦ FAA - Air
Traffic Organization (ATO) ♦ FAA - Aviation Safety (AVS) ♦
Southeast SATSLab Consortium ♦ Virginia SATSLab ♦ Maryland-
Mid Atlantic SATSLab ♦ North Carolina and Upper Great Plains
SATSLab ♦ Michigan SATSLab ♦ Indiana SATS Consortium ♦
Middle Tennessee State University**

Turning Goals Into Reality

2005 AWARDS

OBJECTIVE 3.1

Partnerships for National Security

VIRTUAL MISSION OPERATIONS CENTER
DEMONSTRATION TEAM

Glenn Research Center ♦ Air Force Space Battlelab ♦ Army Space
& Missile Defense Battle Lab ♦ Naval Research Laboratory ♦
Air Force Information Warfare Center ♦ Headquarters, 14th Air
Force ♦ Space and Missile Center DET 12 CERES ♦ Verizon
Federal Network Systems ♦ Surrey Satellite Technology Limited
♦ General Dynamics Advanced Information Systems ♦ Cisco
Systems Global Defense, Space & Security ♦ Western DataCom ♦
Universal Space Network

GOALS 6 & 7

Inspire Students, Engage Public

THE MOBILE AEROSPACE EDUCATION
LABORATORY (MAEL) TEAM

Glenn Research Center ♦ Paragon TEC ♦ SGT, Inc. ♦
Lockheed Martin Information Technology

Turning Goals Into Reality

2005 AWARDS

AA'S CHOICE AWARD

**FALSE ALARM RESISTANT FIRE DETECTION
FOR REMOTE CARGO COMPONENTS TEAM**

**Glenn Research Center ♦ Federal Aviation Administration William
J. Hughes Technical Center, Fire Safety Branch ♦ Case Western
Reserve University Center for Micro and Nano Processing ♦
Makel Engineering, Inc. ♦ Ohio State University Center for
Industrial Sensors and Measurements**

ADMINISTRATOR'S AWARD

HYPER-X PROGRAM TEAM

**Langley Research Center ♦ Dryden Flight Research Center ♦
Ames Research Center ♦ Glenn Research Center ♦ ATK-GASL ♦
Marshall Space Flight Center ♦ SAIC ♦ Dyncorp ♦ DCI ♦ Zeltech ♦
Orbital Sciences Corporation ♦ Analytical Mechanics Associates ♦
Analytical Sciences & Mechanics ♦ Swales Aerospace ♦
The Boeing Company**



National Aeronautics and
Space Administration

Aeronautics Research Mission Directorate
NASA Headquarters
Washington, DC 20546

<http://www.aeronautics.nasa.gov>
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