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ACRP Ambassador
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National Academy of Sciences
Established in 1863
Transportation Research Board (TRB)

- Established in 1920
- 1 of 6 divisions under the National Research Council
- Mission: To promote innovation and progress in transportation through research
- Engages 7,000+ engineers, scientists, and transportation researchers from public and private sectors as well as academics every year

What is ACRP?

- Began in 2006, authorized by Congress
- Funded and sponsored by FAA
- Managed by the Transportation Research Board
- Industry-driven, applied research program that develops near-term, practical solutions to problems airport operators face
- Research contractors selected on a competitive proposal basis
- Volunteer panels develop scope, select contractors, oversee research, and review results
ACRP Oversight Committee

Chair: Kitty Freidheim, Freidheim Consulting
Vice Chair: Kevin Dolliole, Unison, Inc.

Members:
- Deborah Ale Flint, Oakland International Airport
- Thella F Bowens, San Diego County Regional Airport Authority
- Benito de Leon, Federal Aviation Administration
- Richard de Neufville, Massachusetts Institute of Technology
- Steve Grossman, Jacksonville Aviation Authority
- Kelly Johnson, Northwest Arkansas Regional Airport
- F. Paul Martinez, Dallas / Fort Worth International Airport
- Bob Montgomery, Southwest Airlines
- Eric Potts, Freese and Nichols, Inc.
- Richard Tucker, Huntsville International Airport
- Paul J Wiedefeld, Baltimore / Washington International Airport

Ex Officio Members:
- Sabrina Johnson, U.S. Environmental Protection Agency
- Richard Marchi, Airport Council International—NA
- Laura McKee, Airlines for America (formerly ATA)
- Kim Stevens, National Association of State Aviation Officials
- Melissa Sabatine, American Association of Airport Executives
- Robert Skinner, Transportation Research Board
- T.J. Schulz, Airport Consultants Council

Secretary: Christopher Jenks, Transportation Research Board
ACRP Manager: Mike Salamone, Transportation Research Board
ACRP Research Areas

- Administration
- Construction
- Design
- Environment
- Human Resources
- Maintenance
- Operations
- Policy & Planning
- Safety
- Security
- Special Projects

How Topics Are Selected

- Industry practitioners submit research ideas
- ACRP Oversight Committee selects projects that focus on applied research
- Projects must be relevant, applicable, and valuable to airports
- Projects should not duplicate current research within ACRP or elsewhere in the industry
- Research must be technically feasible
Research Process:
How ACRP takes a research idea to final publication

- A project panel is formed
- Panel develops scope of work from an original problem statement
- Panel reviews contractor proposals
- Panel oversees progress of selected contractor in completing the scope, through interim deliverables, teleconferences, and meetings
- Panel comments on draft final report to improve its value to the industry

ACRP Today

- 330+ research projects authorized
- 165+ ACRP publications
- 700+ industry volunteers are actively engaged with ACRP
  - Participants come from airports; airlines; consulting firms; academia; state and federal governments; and industry associations
5 Ways to Get Involved

1. Submit a research idea, or “problem statement”
2. Volunteer for a project panel
3. Prepare a research proposal
4. Respond to a request for information or complete a survey
5. Use the research results
Submit a Problem Statement

- Provide a general description of the problem
- Briefly describe the research proposed and how it relates to the problem
- Include an estimate of the funds and time needed to complete the research

Volunteer for a Project Panel

- Project panels provide technical guidance and counsel to projects from start to end
- Nominations to serve on project panels usually due in August or September
- Self-nominate or be nominated by a colleague
Submit a Proposal

- Any interested individual, agency, or others may submit a proposal in response to an ACRP RFP
- Detailed instructions for proposers: www.trb.org/ACRP/CRPInfoProposers.aspx

Use the Research Results

ACRP research results take many forms:

- Project Reports
- Synthesis Reports
- Research Results Digests
- Legal Research Digests
- Impacts on Practices
- Web-only documents
Examples of Recent Research Results

Report 16: Managing Small Airports
- ACRP Project 01-01, published July 2009
- Research Agency: University of Minnesota
- Principal Investigators: James H Grothaus & Thomas J. Helms
- Subcontractors: Airport Admin LLC, Mead & Hunt, Professional Engineering Services
- ACRP Project Manager: Mike Salamone

Examples (continued)

- ACRP Project 10-10, published February 2012
- Research Agency: Mead & Hunt
- Principal Investigator: Mike Nash
- ACRP Project Manager: Theresia Schatz
Examples (continued)

Synthesis 41: Conducting Aeronautical Special Events at Airports

- ACRP Project 1S0-08, published May 2013
- Research Agency: Prather Airport Solutions & California Baptist University
- Principal Investigator: C. Daniel Prather
- ACRP Project Manager: Gail R. Staba

Research Results Digests

Research Results Digest 2
- Model for Improving Energy Use in Airport Facilities
- Best practices for reducing energy use
- Implementing an energy tracking program
- Case studies
Legal Research Digests

Legal Research Digest 3
• Survey of Law and Regulations of Airport Commercial Ground Transportation
• Listing of related statutory resources
• Web links to various resources
• Bibliography of notable articles

Research Results Digests

Legal Research Digest 20
• Background Research for Airport Responsibility for Wildlife Management at Airport Facilities
• Preparing Wildlife Hazard Management Plan
• Case studies
More Ways to Participate

Impacts on Practice
• Submit a Lead at trb.org/ACRP/ACRPImpacts.aspx

Apply to Become an ACRP Ambassador
• Learn more at trb.org/ACRP/ACRPAmbassadors.aspx

Speakers Bureau
• Join our database of ACRP research experts
• Get plugged into events where you can share your knowledge about an ACRP research problem

Get Social
• LinkedIn & Facebook
  • Participate in online discussions
  • Share YOUR success
For More Information

- [www.TRB.org/ACRP](http://www.TRB.org/ACRP)
- Regular news and updates on
  - Upcoming and ongoing research projects
  - New publications
  - Success stories
  - Announcements
  - And more!

ACRP Ambassadors

- Speak and exhibit on behalf of ACRP at regional conferences and events
- Introduce airport industry practitioners to ACRP and its research products
- Selected through application process each fall (one or two positions per FAA region)
- Learn more at: [trb.org/ACRP/ACRPAmbassadors.aspx](http://trb.org/ACRP/ACRPAmbassadors.aspx)