



Government Liaisons

PENN STATE CENTER FOR ACOUSTICS AND VIBRATION

About the CAV

The CAV has three missions: to strengthen basic and applied research in vibration and acoustics, to foster graduate education, and to provide a base for technology transfer to US industry and government. Over 30 faculty members and 60 graduate students are active in acoustics and vibration research at Penn State, and work in extensive laboratory facilities and with state-of-the-art equipment. The CAV also has several liaisons with international universities active in vibration and acoustics, as well as with US government agencies.

CAV Groups

The CAV is subdivided into several focus areas, including:

- Acoustic characterization of materials
- Active structures and noise control
- Flow induced noise
- Machinery prognostics and condition monitoring
- Propagation and radiation
- Rotorcraft acoustics and dynamics
- Structural vibration and acoustics
- Underwater acoustics and instrumentation

Government Liaisons

Membership in the CAV for US government employees is free, since much of Penn State's funding comes from various US Government agencies.

Government liaisons enjoy several benefits, including:

- Admission to our 2-day Spring Workshop, which includes technical exchanges focusing on new and emerging technologies, as well as opportunities to:
 - Recruit graduating Penn State MS and PhD students
 - Consult with Penn State faculty
 - Meet members of our corporate sponsors (see our website for a current list)
 - Meet faculty from our foreign university liaisons, including ISVR (United Kingdom), CIRA (Italy), DLR (Germany), and Insa de Lyon (France)
- Admission to our technical group lunches held throughout each semester, via videoconferencing over the internet, where you can learn about technology developments from leaders within and outside Penn State.
- One complimentary admission to a CAV-sponsored short course, usually held immediately before or after our Spring Workshop. Also, access to selected previous short courses online.

Contact

To learn more, or to become a government liaison, contact our director, George Lesieutre (gal4@psu.edu) or associate director, Steve Hambric (sah19@psu.edu)