

CTS COUNCILS: A Forum for Participation

CTS Councils provide a forum for transportation professionals and researchers to exchange information on current transportation issues and trends. They bring together University faculty and staff with practitioners from the public and private sectors to recommend direction and participate in improving the Center's research, education, and education/outreach programs.

Research Councils

Four Research Councils focus on the following multidisciplinary topic areas: Transportation Planning and the Economy; Transportation Infrastructure; Environment and Energy in Transportation; and Transportation Safety and Traffic Flow. Activities of the CTS Research Councils include:

- Provide advice during research project activities.
- Identify and advance emerging research needs and opportunities.
- Participate in seminars and other mechanisms to disseminate research results.
- Assist in planning the annual CTS Research Conference.



Education and Engagement Council

The CTS Transportation Education and Engagement Council provides advice that helps the Center improve undergraduate, graduate, and continuing education opportunities in transportation. Members also examine how the Center can better disseminate information and provide public services that link University resources and user organizations. Activities of the CTS Education and Engagement Council include:

- Strengthen transportation education and technology transfer programs.
- Provide advice on outreach activities to facilitate research result implementation.
- Participate on review committees for the Matthew J. Huber and John S. Adams student awards and the Research Partnership Award.
- Assist in planning the annual CTS Research Conference.



Membership

Council members are appointed by the CTS director on behalf of the CTS Executive Committee, following nomination by the council chair. Approximately one-third of council members are University faculty or staff. Non-University members include a balance of business, government, and other interests.



A membership rotation occurs every three years. Though members may serve more than one consecutive three-year term, an effort is made to rotate approximately one-third of council membership during a rotation year. In addition to members, "friends" of councils also participate in council activities. New members will often be drawn from friends who are active within councils.

How do I become involved?

If you are interested in becoming a friend or member of a CTS Council, contact Kaydee Kirk, CTS program coordinator, at 612-626-5854, kkirk@umn.edu.



Transportation Planning and the Economy Research Council

This council examines topics concerning land use, urban design, community and human issues, transportation modes, funding and finance, economic development, freight and logistics, public policy, the global economy, and more. Non-University representatives join faculty and research staff from the Humphrey School of Public Affairs, Carlson School of Management, Departments of Civil, Environmental, and Geo- Engineering, Geography, and Applied Economics, Center for Urban and Regional Affairs, and other disciplines.



Transportation Infrastructure Research Council

This council focuses primarily on pavement and bridge research. Topics include materials, pavement performance, bridge design and maintenance, innovative construction and contracting, deicing and corrosion, and water impacts. Non-University representatives join faculty and research staff from the Departments of Civil, Environmental, and Geo- Engineering, Bioproducts and Biosystems Engineering, and Soil, Water, and Climate; Natural Resources Research Institute, University of Minnesota Duluth; and other disciplines.



Environment and Energy in Transportation Research Council

This council examines topics such as air and water quality, stormwater management, erosion control, roadside vegetation, climate change, alternative fuels, greenhouse gas emissions, and more. Non-University representatives join faculty and research staff from the Departments of Landscape Architecture, Bioproducts and Biosystems Engineering, Forest Resources, Civil, Environmental, and Geo- Engineering, Mechanical Engineering, and Soil, Water, and Climate; Humphrey School of Public Affairs; College of Design; and other disciplines.



Transportation Safety and Traffic Flow Research Council

Topics examined by this council include intelligent transportation systems (ITS), traffic detection, traffic control, crash analysis, machine vision, traveler information systems, human factors, and injury prevention. Non-University representatives join faculty and research staff from the Departments of Civil, Environmental, and Geo- Engineering, Mechanical Engineering, Aerospace Engineering and Mechanics, and Computer Science and Engineering; Roadway Safety Institute; HumanFIRST Laboratory; Northland Advanced Transportation Systems Research Laboratories, University of Minnesota Duluth; Minnesota Traffic Observatory; College of Design; and other disciplines.



Education and Engagement Council

This council looks at ways to strengthen transportation education and technology transfer programs for practitioners and students from multiple disciplines, and provides advice on ongoing and special information and outreach activities to facilitate implementation of research results. Non-University representatives join faculty and research staff from various disciplines.

For additional information about CTS councils and a listing of council members, visit cts.umn.edu/about/background/committees.

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