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Please make checks payable to The University of Texas at Arlington (UTA), designated for the Center for Underground Infrastructure Research & Education (CUIRE). Your contribution to CUIRE is considered to be a gift and may be tax deductible.

**MAIL TO**

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**FUNDING**

CUIRE funding is generated mainly from industrial contributions, University support, symposia/seminar proceeds, university/industry consortium contributions, and funded research.

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**Center for Underground Infrastructure Research and Education**



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The Center for Underground Infrastructure Research and Education (CUIRE) at The University of Texas at Arlington was established with the goal of promoting research, development and training in underground infrastructure construction and renewal technologies. Faculty from various programs in different colleges can join together on interdisciplinary research projects.

The primary goal of the CUIRE is to provide national and international leadership in research, outreach and education activities which enhances cost-effectiveness, construction productivity, environmental improvement and renewal of the aging underground infrastructure.



## ORGANIZATIONAL STRUCTURE

CUIRE is a university/government/industry cooperative research, training and outreach center. CUIRE's organizational structure provides two lines of authority: The University of Texas at Arlington and the industry. The University provides an oversight committee who will supervise the everyday operations of the center under leadership of the Industry Board (IB). The IB, composed of utility companies, contractors, owners/public agencies, academics, engineers, general interest groups, and manufacturers, provides policy direction, reviews budgets, and monitors progress of projects. The IB is composed of one member from each organization that participates in the Industrial Consortium.

## SPECIFIC OBJECTIVES

- Promote research in design and construction of underground infrastructure.
- Conduct basic and applied research for industry and government agencies.
- Prepare educational and curriculum materials and organize courses to assist university faculty in teaching underground infrastructure courses.
- Conduct web-based distance education courses, conferences and workshops.
- Assist industries in developing and evaluating new methods and products.
- Establish and disseminate standard guidelines and specifications.
- Develop contractor, designer and inspector certification programs.
- Work closely with professional & trade organizations/associations & university/research centers.

## RECENT CUIRE PROJECTS

- Equipment & Facilities for Rapid Installation of Buried Innerduct Network for Utility Lines – Phase II
- Critical Action Plan for Securing a Sustainable Infrastructure in Michigan
- ASCE Manual of Practice for Pipe Ramming Projects
- Survey of U.S. Large Sewer Infrastructure
- Establishing a Pathway for Achieving Water Utility Infrastructure Management Excellence
- Hydraulic Analysis of Roger's Creek Corrugated Metal Pipe (CMP) CIPP-Lined Culvert
- Use of Trenchless Technologies for a Comprehensive Asset Management of Culverts and Drainage Structures
- An Asset Management Approach for Drainage Infrastructure & Culverts

## MEMBERSHIP INFORMATION

Regular Board Members contribute \$2,000 per year in support of the general activities of the center. Government agencies contribute \$500 per year.

## INDUSTRY BOARD MEMBER BENEFITS

- Serve on the board to develop guidelines and plans to operate the center.
- Have access to the results of core research programs, technology reviews, market studies and overall activities of the center.
- Will receive the center's newsletter and the technical journal.
- Will receive free or discounted rates to conferences and educational programs.
- Will be recognized and promoted as leaders of the industry supporting activities of the center.
- Will be featured and linked at CUIRE's website with a profile on the company and representative.

## CUIRE TECHNICAL COMMITTEE

As part of IB, a technical committee is formed to be the community's primary source of technical information for products used for underground infrastructure applications. Focus will be in the following areas:

- Product, Testing, Evaluation & Selection Guide: Pinpoint applicable products based on site specific conditions and design objectives.
- Design Guidelines: Track down relevant specifications, calculation templates, installation guidelines, standards and a list of technical contacts.
- Performance History: Research the history of product, where it has been used, including case studies.
- Industry News: Keep current on the latest developments in the industry, including regulator requirements, specification changes, future meetings and new markets.
- Specialty Seminars & Symposiums: Sign up for specialty seminars that focus on specific areas of interest.