



Architecture + Design
Research Center
7 December 2018



Strategic Plan

Mission Statement:

The ARDC advances, catalyzes, and supports faculty research, design and engagement endeavors that support and align with the CoA's core purpose and values, to help the College establish its standing and competitiveness within the discipline and the profession

Vision Statement:

The ARDC will support and help foster research, scholarship, creative and engagement activity that serves the global community involving stakeholders within the CoA, TTU, and external contributors

Goal 1: Increase the CoA's research, creative and engagement activity visibility

Strategies:

- Identify and categorize all faculty's research agendas and potential contributions to the ARDC mission
- Collaborate with TTU Office of Innovation and Research, the CoA's Marketing team, and the TTU Innovation Hub to highlight and display work done by CoA Faculty
- Strengthen use of broadcasting methods and medias to widen the dissemination and awareness of the CoA's research agendas.

Assessment:

- Faculty research visibility will be increased by the creation and distribution of the ARDC newsletters
- The ARDC will establish brownbag sessions for faculty to present their research, creative or engagement activities to the CoA Community.
- ADR will meet with new tenure-track faculty to workshop and share research statements and strategies.
- Each faculty member will meet with Gary Wessner in the Office of Research Services in order to identify grant opportunities through PIVOT database. Gary Wessner is the ORS officer assigned to architecture.

Goal 2: Increase external funding

Strategies:

- Identify faculty with established or developing research agendas likely to garner funding
- Identify funding opportunities and distribute information on a regular schedule



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- Arrange meetings between those faculty and the VPR program manager, Mindali Dean, to help invigorate grant proposal writing.
- Encourage grant success of faculty by consulting with TTU VPR office and other programs to determine ways to increase grant success rates.
- Identify areas where potential research opportunities are lacking or missing in the CoA
- **Allign efforts with CoA faculty to identify potential funding opportunities**

Assessment:

- Faculty grant proposals will increase by 50% within the next 3 years.

Goal 3: Establish Interdisciplinary teaching and research collaborations with other disciplines

Strategies:

- Identify CoA faculty with research and teaching interests that are possibly interdisciplinary
- Raise awareness of potential collaborations with other disciplines and provide samples of peer institution interdisciplinary collaborations

Assessment:

- Interdisciplinary collaborations will be identified within 1 year with faculty whose research allows it
- Establish interdisciplinary collaborations over the next 3 years

Goals 4: Establish partnerships between the academy, practice and the larger community.

Strategies:

- Identify CoA faculty whose research and/or teaching overlap areas in architectural practice
- Identify and establish connections with firms that have mutual interests with CoA faculty
- Propose research and/or teaching partnerships of CoA faculty with firms that indicate interest and provide external funding support

Assessment:

- CoA faculty will establish ongoing partnerships with the profession or other appropriate agencies during the next 3 years

ARDC Policies

Research and Travel:

Limited funding is available to support faculty research and conference/research travel. Faculty who seek funding must complete the form and return it to the Associate Dean for Research who will submit it to the Faculty Grant Application Review Committee. Support for international travel is available from the TTU Alumni Association.

Equipment:



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The ARDC has the following equipment available for faculty use: Leica HDS 3000 (3D scanner); Leica Scan Station C10 (3D scanner); Global Positioning System (GPS) Survey Equipment; Trimble survey grade GPS; Optical Total Station (Survey Equipment); The Creaform handheld 3D Scanner; The FLIR Infrared Camera; The ground penetrating radar system.