



Richard and Joyce Ten Haken Endowed Faculty Fellow in Accounting/Finance

Annual Report – 2023

Jun Dai

Assistant Professor of Accounting

The Richard and Joyce Ten Haken Endowed Faculty Fellow award dramatically help students and faculty of Michigan Tech's accounting program. This past year, I used the resources in three main areas: undergraduate student research, accounting tutors, and external fund application.

Undergraduate Student Research

Four undergraduate students are supported by the Richard and Joyce Ten Haken Endowed Faculty Fellow award to conduct cutting-edge research projects. Those projects include:

- How to re-engineer current audit methodologies in light of the numerous analytic and automation advances that are currently taking place.
- How to assure corporate Environmental, Social, and Governance (ESG) reports free from greenwashing fraud.
- How ChatGPT can transform the current tax-filing approaches and how reliable it is.
- How AI can be built in a manner that increases trust of accountants when using it.

Accounting Tutors

Two accounting tutors are supported by the Richard and Joyce Ten Haken Endowed Faculty Fellow award, who help students with course materials, homework, projects, and many others. Students from course ACC2000 and ACC2100 are from a variety of majors and colleges, who often encounter difficulties when taking the accounting courses. Both students and accounting professors really appreciate help from the accounting tutors.

Fund Application

The Richard and Joyce Ten Haken Endowed Faculty Fellow supports Dr. Jun Dai to apply for funds via either using it as a cost-share that is encouraged by the funding agencies or

supporting her to obtain preliminary results. The cost-share and preliminary results increase the chance of those funds to be awarded, which will bring more funds to support students, faculty, and COB as a whole. The fund applications include:

- Developing An ESG Framework to Improve Report Comparability and Usefulness for Water Utilities (2304003P1) submitted to Water Research Foundation
- Toward Management Accounting 4.0: A Framework and Applications (2302017P1) submitted to Institute of Management Accountants
- REF-SCG: Using Blockchain to Combat Greenwashing in ESG Reports (2305057P1) submitted to Michigan Technological University
- Building Trustworthy Artificial Intelligence for Management Accounting (2301031P1) submitted to Institute of Management Accountants