



THE OHIO STATE UNIVERSITY
TRANSLATIONAL DATA ANALYTICS INSTITUTE

TDAI Frequently Asked Questions

1) What's in it for me, the faculty member?

As part of an active community of scientists, scholars, and educators representing 14 colleges and 35+ disciplines, TDAI affiliates contribute to developing data science and analytics programs, resources, and projects that span traditional academic disciplines.

Becoming an affiliate of TDAI provides many benefits, including:

- **Extramural Interdisciplinary Research Opportunities:** First access to TDAI-led large-scale extramural proposal development support for strategic initiatives (i.e. NSF, NIH, DoD, among other sponsors).
- **Seed Grant Program:** An annual program designed to advance translational data analytics at both foundational and applied levels. Proposal applications are expected to generate new opportunities or novel extensions of existing activities.
- **Communities of Practice (COPs):** Faculty can participate in any of four research COPs, which are designed to expose members to research in other fields, enable interdisciplinary collaboration, and translate research into useful social applications. New areas may be introduced over time based on faculty interests.
- **21,000 sq. ft. of Research & Teaching Space:** TDAI's new home in Pomerene Hall provides affiliates and partners with a variety of flexible workspaces, 3 data labs, and wirelessly-enabled huddle rooms designed for collaborative research and teaching.
- **Data Commons:** TDAI is developing an online Data Commons for the storage and sharing of data sets, enabling faculty and their teams to easily locate and share large-scale data sets from every discipline.
- **Business Development:** Opportunities to engage with and build partnerships with businesses, non-profits, and government entities to complement research and teaching.
- **Nagoya Faculty Exchange:** Affiliates and their trainees may apply for a new data science faculty exchange with Nagoya University in Nagoya, Japan. The program is designed to enable researchers from TDAI and Nagoya's Graduate School of Informatics to collaborate across the two institutions in order to advance the fundamentals and applications of informatics.
- **Industry Affiliates Program:** TDAI is building a robust network of industry affiliates interested in sponsoring and partnering on research and teaching projects with TDAI and its faculty affiliates. Affiliates are given the opportunity to meet with and present to our industry partners on targeted projects.
- **Faculty Development Opportunities:** TDAI develops new programs and partners with those across campus to leverage existing programs aimed at fostering faculty development including Data Analytics Month, COP research seminars, targeted workshops on public speaking and computational resources, and more. These opportunities include both leading / teaching workshops and attending.

- **Data Services Consultations:** TDAI provides a Shared Services in 180 Pomerene Hall with one-on-one consulting with technology partners from across campus to help researchers, students, and staff explore resources and solutions for data science and analytics projects.
- **Event Space and Event Planning:** Faculty affiliates have access to four large event spaces within Pomerene Hall (45-175 person capacity) at a significant discount. For special events taking place in TDAI spaces, our staff can help with event planning with custom room layouts, catering recommendations, and marketing of events online, through the TDAI newsletter, and on our interactive display on the first floor of Pomerene Hall.
- **Outreach to Students:** Faculty can connect with more than 200 undergraduate students for research projects through TDAI's partnership with the Big Data and Analytics Association (BDAA). Faculty can also participate as speakers for TDAI's Data Science for Women Summer Camp and mentor undergraduate students through Datafest, HackOHI/O, and MakeOHI/O.
- **Board Service:** Faculty may participate on several boards designed to inform the institute and its programs (i.e. Data Science for Women Summer Camp, Seed Grants).
- **Marketing and Communications:** Affiliates are highlighted online at TDAI's directory and can be featured in newsletters, online news articles, marketing pieces, and on our interactive video wall in Pomerene Hall. TDAI boasts a monthly newsletter with funding opportunities and news, as well as a robust website with information on data tools and resources across campus.
- **Represent TDAI:** Opportunities to represent TDAI at national, regional, and local conferences / events.

2) What is the process for TDAI membership?

TDAI defines its affiliates as Ohio State faculty who are data science and analytics experts with an established and well-defined body of work in data science and/or analytics and make active contributions to research and education in data science and analytics at Ohio State. Affiliates are expected to participate in TDAI-led initiatives and events (e.g., Communities of Practice, grant submissions, etc.). Affiliates must:

- Be an Ohio State faculty member (all ranks and appointments)
- Have an established body of work in and make active contributions to data science and analytics research, scholarship and/or education
- Provide scholarship summaries when requested for use in TDAI annual reporting
- Be an ambassador for TDAI when attending meetings, conferences, and events (i.e., note affiliation)

Faculty may apply online at <https://tdai.osu.edu/join-tdai/>. Applications are reviewed every 3-4 weeks. Applicants will be notified via email and those accepted will be added to the communications / newsletter list, given access to TDAI spaces in Pomerene Hall, and a member of our staff will reach out for photo, research areas, and other relevant information for inclusion on the TDAI website and marketing materials.

3) My trainees, postdocs, and students want to join TDAI. How can they get involved?

Yes! Anyone interested in data science and analytics at Ohio State is welcome to become an associate of TDAI (online at <https://tdai.osu.edu/join-tdai/>) and receive communications from the institute with news, events, and more. Our goal is to build a community of data creators, data users, and data enthusiasts who want to use big data for good.