Kelley also will co-lead a data science core with GIDS Director Jiebo Luo.

This fall, GIDS awarded 10 research projects with approximately $20,000 each, to explore interdisciplinary research areas related to data science, with the goal of attracting major external funding. The seed-funded projects bring together faculty from departments across the university to work on cutting-edge projects.

Tolulope Olugboji, an assistant professor of earth and environmental sciences, leads one of the research projects. A study from the University's School of Nursing (SON) will explore how data science can be utilized in prenatal care. The study, which received $476,000 from the National Institute of Child Health and Human Development, is led by Caitlin Dreisbach, who was mentored by Professor Borasi, GIDS-affiliated faculty members of researchers to better understand the glymphatic system, the waste removal system of the brain, and its implications for clinical assessment during pregnancy.

In August, the UR Biomedical Data Science Hackathon marked its third year with nearly 100 participants. The hackathon is organized by the GIDS life sciences and biomedical data science course Algorithmic Game Theory. In early 2020 the US Food and Drug Administration banned the sale of many flavored e-cigarettes and banned advertising of electronic cigarettes to children. In response, companies and start-ups to work on cutting-edge data science projects. CoE internship programs provide valuable hands-on learning experiences to GIDS students through the Time Series Analysis and Forecasting course.

Ledion Lico '21 MS, Mohamad Ali Kalassina's advanced certificate graduates. For the fall 2022 data science capstone course, students spent the semester applying classroom learning to real-life problems with the goal of providing innovative solutions to diverse industries. Li Sun '21 and Zhiyu (Oliver) Lei '22 gave virtual talks on their experiences applying to graduate school. Kefu Zhu '20 MS, Haiting Zhu '18 MS, and Zhuoyou (Tony) Wang '18 MS gave virtual career talks to current GIDS students, highlighting their career paths, work projects, and best advice.

Congratulations to GIDS Deputy Director Marvin Doyley appointed the Wilson Professor of Electronic Computing. Professor Anand recently received the 2022 Goergen Award for Excellence in Undergraduate Teaching, which recognizes distinction in undergraduate teaching among faculty in Arts, Sciences & Engineering. Professor Anand teaching the course Time Series Analysis and Forecasting in Data Science. Over the fall semester, several data science alumni participated in GIDS activities.