ISTeC Headquarters

- Participate in the semi-annual "ISTeC Industrial Advisory Council Retreats" to learn about and provide guidance and feedback on CSU IS&T research and education, and network with CSU faculty and other IS&T company representatives.
- Organize an "ISTeC Industry Day" where your company can come to campus for an afternoon to meet with IS&T-related faculty and students from all departments to discuss how they can use your products and interact with your company for joint R&D, internships, consulting, and jobs.
- Come to "ISTeC Distinguished Lectures" given by external senior researchers and educators, and meet with the speakers.
- Attend and suggest topics and speakers for the biennial "ISTeC FutureVisions" symposium about new directions for IS&T.
- Present latest information at the annual "ISTeC High School Day" to encourage high school students to pursue IS&T-related college degree programs.
- Use the "ISTeC Headquarters" facilities, such as the video conference room and the visitor offices.

Students participate in the Test of Engineering Aptitude, Math and Science (TEAMS) program. The TEAMS program challenges students to work collaboratively and apply math and science knowledge in practical and creative ways to solve real, everyday engineering problems.
Information Science and Technology Minor Program of Study - Minor for students to develop a broad foundation in Information Science and Technology (IST). ISTeC.ColoState.edu/ISP/IST/ISTMinorMay2015.pdf; contact Pete Swil; Pete.Swift@ColoState.edu

GRAD 510/511 High Performance Computing & Visualization - This hands-on course is intended for application developers, e.g., engineers and scientists, wishing to perform large-scale computations on the ISTeC Cray (the course takes into account significant variability in background, experience, and knowledge). ISTeC.ColoState.edu/GRAD511; contact Patrick Aumes, Patrick.Aumes@ColoState.edu

Student Fluency with IST - Assessing student fluency with IST, and promoting activities to enhance IST learning across the curriculum at CSU. ISTeC.ColoState.edu/IST; fluency: contact Steven Fassnacht, Steven.Fassnacht@ColoState.edu

TSA/TEAMS High School Competition - Annual competition challenging students to work collaboratively and apply their math and science knowledge to creatively solve engineering challenges. ISTeC.ColoState.edu/Activities/TSA-Teams; contact Michael Anthony De Miranda, Michael.Anthony.De_Miranda@ColoState.edu

FutureVisions Symposium - Biennial event for students to learn about the predicted state of IST in the next five years, focusing on topics proposed by faculty and industrial representatives. ISTeC.ColoState.edu/Activities/FutureVisions; contact Steven Fassnacht, Steven.Fassnacht@ColoState.edu, and David Ramsey, David.Ramsey@ColoState.edu

Programming Courses Study - Surveying and analyzing the variety of computer programming courses taught by various departments at CSU to assess and help publicize the programming courses available. ISTeC.ColoState.edu/Programming; contact Steven Fassnacht, Steven.Fassnacht@ColoState.edu

Vertically Integrated Projects (VIP) - VIP unites undergraduate education and faculty research in a team-based context involving students from various levels and disciplines. VIP@ColoState.edu; contact Conditte Rydon, Conditte.Rydon@ColoState.edu

Steven Fassnacht – Co-Chair, Warner College of Natural Resources, Department of Ecosystem Science and Sustainability
Candace Ryder – Co-Chair, College of Business, Computer Information Systems
Lucas Argueso – College of Veterinary Medicine and Biomedical Sciences, Department of Environmental and Radiological Health Sciences
Patrick Shipman – Department of Mathematics
Wilm Bahn – College of Natural Sciences, Department of Computer Science
Michael De Miranda – College of Applied Human Sciences, School of Education
Nancy Hunter – University Libraries
Russell Korte – College of Applied Human Sciences, School of Education
Sophia Lim – Geopolitical Center, University Libraries
J. Rockey Loo – College of Engineering, Department of Electrical and Computer Engineering
Ed Peyronnin – College of Agricultural Sciences
Ali Pezeshki – College of Engineering, Department of Computer Information Sciences
Candace Ryder – College of Business, Department of Computer Information Sciences
Pete Swil – College of Liberal Arts, Department of Journalism and Media Communication
Sourajit Ghosh – College of Engineering, Department of Electrical and Computer Engineering

Sudipto Ghosh – Co-Chair, College of Natural Sciences, Department of Computer Science
Dawn E. Paschal – Co-Chair, University Libraries
Scott Buly – Academic Computing and Networking Services
Randy Boone – Warner College of Natural Resources, Department of Ecosystem Science and Sustainability
Mark Eoms – College of Agricultural Sciences, Department of Animal Sciences
Stephen Hayne – College of Business, Department of Computer Information Sciences
Melinda Lalit – Warner College of Natural Resources, Department of Ecosystem Science and Sustainability
Steve Leitz – College of Liberal Arts, Department of Anthropology
Shideep Pallickara – College of Natural Sciences, Department of Computer Science
Jerry Potter – College of Engineering, Department of Electrical and Computer Engineering
Mig Slapen – College of Veterinary Medicine & Biomedical Sciences, Department of Microbiology, Immunology and Pathology
Siddharth (Sid) Suryanarayanan – College of Engineering, Department of Electrical and Computer Engineering
Hasnam Wang – College of Natural Sciences, Department of Statistics
Yongcheng Zhou – College of Natural Sciences, Department of Mathematics
Don Zimmerman – University Libraries

ISTeC Distinguished Lectures - Lecture series of senior speakers, recommended by faculty and students, to give presentations suitable for broad audiences on hot IST topics. ISTeC.ColoState.edu/Activities/Lectures; contact Sudipto Ghosh, Sudipto.Ghosh@ColoState.edu

Research Retreats - Interdisciplinary meetings to explore common interests, based on general topic areas (e.g., smart grid, bioinformatics). ISTeC.ColoState.edu/activities/research-priority-retreat; contact Dawn E. Paschal, Dawn.Paschal@ColoState.edu

Research Workshops - Workshops on focused topic areas faculty propose, for the purpose of growing CSU IST research groups; possibly including an external speaker. ISTeC.ColoState.edu/Activities/Research; contact Steven Fassnacht, Steven.Fassnacht@ColoState.edu

ISTeC Cray High Performance Computing (HPC) System - ISTeC was awarded an NSF grant to provide to the campus this HPC system (with 2,016 compute cores, 2.5 terabytes of main memory, and 32 terabytes of disk storage), which is supporting large and complex problems in science and engineering. ISTeC.ColoState.edu/Activities/Cray; contact Dawn E. Paschal, Dawn.Paschal@ColoState.edu

Big Data and Data Management Study – Initiative exploring key issues and current trends in managing, analyzing, preserving, and sharing of scholarly and scientific data. http://lib.colostate.edu/repository/nsf; contact Dawn E. Paschal, Dawn.Paschal@ColoState.edu

Rocky Mountain Advanced Computing Consortium (RMACC) - ISTeC represents CSU in this group of universities and government labs whose mission is to improve the use of high performance computing (HPC), and increase visibility of its members and their HPC activities within the national and global science and engineering community. RMACC organizes and annual HPC symposium. www.rammc.org; contact Anuraj Jyousuman, Anuraj.Jyousuman@ColoState.edu

ISTeC Research Advisory Committee Members

Advisory Committee Activities

Selected ISTeC Research Advisory Committee Members

Selected ISTeC Education Advisory Committee Activities

Selected ISTeC Research Advisory Committee Activities

ISTeC Education Advisory Committee Members