

## FACILITIES, EQUIPMENT AND OTHER RESOURCES

The Department of Mathematics at the University of Illinois at Urbana-Champaign is home to the Math IT group, who provide flexible and individualized support for research, teaching, and administration. Math IT liaises with college and university level IT groups to create an integrated heterogeneous computing environment for offices, labs, all the way to high performance computing

The Illinois Geometry Lab, hosted by the department, has a 3D printer and computerized paper cutter for the production of mathematical models and teaching and research tools.

The department also provides multiple opportunities for faculty and students to collaborate and discuss research activities. At any time my research team members can find others in our research area, or in a specialty area outside of our mathematical expertise. In addition, we are building strong interdisciplinary programs which facilitate our ability to work with faculty and students in other departments who may have the type of knowledge we require. We also have an opportunity to discuss issues with others from across campus, as well as our external speakers, during our weekly seminar series.

The Mathematics Library at the University of Illinois at Urbana-Champaign has one of the finest subject-specific collections in the United States. The library, located within the primary mathematics building, provides an excellent basis for research and collaborative work.

Our department also has secretarial support readily available for all faculty members. The staff will assist in travel planning, reimbursements, research assistantship and faculty appointments, purchasing and reporting.