

Dear Applicant:

Below is some information about our graduate program in the Mathematics Department of the University of Utah.

There are several points about our graduate program which make it especially attractive.

- In 2004-2005 the stipends are \$14,200 for the Master's Program and \$15,100-\$15,700 for the Ph.D. Program. **All tuition fees are waived for teaching assistants and teaching fellows.** (There is a small computer fee all students pay, and international students are required to pay \$75 each semester to help cover administrative costs.)
- The faculty quality is exceptionally high, and there are several branches both of pure and applied mathematics in which our faculty ranks among the best in the country. The Utah Mathematics Department belongs to the top group of universities in the American Mathematical Society classification, which is reflected in the fact that current research support of the faculty is in excess of \$1.2 million per annum.
- Salt Lake is located in a spectacular setting in the mountains, and it offers exceptional opportunities for skiing, hiking, and other outdoor activities. In addition, there is a first-rate symphony orchestra, numerous theaters, and several professional athletic teams.
- Students who obtained graduate degrees from this department in the past few years have been successful in obtaining good positions. These include post-doctoral positions at prestigious institutions such as Harvard, MIT and the Institute for Advanced Study, NSF fellowships, and excellent industrial positions.

Please observe that most of our financial support for graduate students is based upon some teaching duties; therefore, we do not usually appoint people to these teaching positions unless we have evidence that they have strong proficiency in speaking the English language.

To evaluate your application for admission and/or a teaching assistantship or teaching fellowship, we will need the following information:

1. Information requested on the application form entitled "Department of Mathematics Application Form for Graduate Study" [www.math.utah.edu/grad/application.html](http://www.math.utah.edu/grad/application.html).
2. Information requested on the application form entitled "Application for Financial Assistance" [www.math.utah.edu/grad/application.html](http://www.math.utah.edu/grad/application.html).
3. Transcript(s) of your college records (graduate and undergraduate). International applicants must submit an original language along with official English translation of the transcript(s).

4. Three letters of recommendation from faculty members familiar with your college work. "Personal Reference" forms which may be used for this are available on our web page [www.math.utah.edu/grad/application.html](http://www.math.utah.edu/grad/application.html). If it is more convenient, other types of letters of recommendation will be accepted in lieu of these forms.
5. English Certification if English is not your native language (refer to "Information for International Students Regarding Admission to the University of Utah," see item #19 of the University of Utah International Admission form). The University Graduate School Admission Form can be accessed at: <http://www.saff.utah.edu/admiss/appdownload/index.htm>.

All five of these items should be sent to the Graduate Program Coordinator, Department of Mathematics, University of Utah, 155 S. 1400 East, JWB 233, Salt Lake City, UT 84112-0090. Although not required, applicants are strongly encouraged to submit scores on the advanced mathematics portion of the Graduate Record Examination.

Admission to the Graduate School at the University of Utah will also be required. The International Admissions Office also requires other items (including an application fee of \$65.00). The supporting credentials for the admission requirements should be sent to the International Admissions Office, 201 S. 1460 E., Rm. 250, University of Utah, Salt Lake City, Utah 84112-9057, U.S.A. Obtain two copies of #3 and #5 above and send an official copy to the International Admissions Office, and a Xerox copy to the Mathematics Department.

Please write or e-mail me ([zhu@math.utah.edu](mailto:zhu@math.utah.edu)) if you have further questions about our program. In the meantime, we look forward to receiving your application and supporting materials.

Sincerely yours,

Jingyi Zhu  
Director of Graduate Studies

Dear Financial Aid Applicant,

If you have interest in studying Mathematical Biology at the University of Utah, you need to be aware of a new program of study that is available. Because of an IGERT (Integrative Graduate Education and Research Training) grant from the National Science Foundation, we will be able to offer several fellowships to study in our new Cross-Disciplinary Program in Mathematical Biology. This fellowship will give students the opportunity to pursue a broad program of study that includes life science courses outside the Mathematics Department and work in a laboratory during the summer.

If you are interested in being considered for this new program, we ask that you write a separate letter, addressed to the IGERT Fellowship Committee, to include in your application to the Mathematics Department. In this letter you should state your interest in interdisciplinary study of Mathematical Biology, along with a summary of your background or experience in biology. Please note that a background in Biology is not a requirement for support, but it does help us gauge your level of interest and commitment, which is important.

If you have additional questions about the IGERT Program or study of Mathematical Biology, please look at our website at [www.math.utah.edu/grad/mathbiol/](http://www.math.utah.edu/grad/mathbiol/). Please note that IGERT Fellows must be US citizens or permanent residents.

We look forward to receiving your application.

Sincerely yours,

James P. Keener

Dear Applicant,

The Department of Mathematics has a multi-year NSF VIGRE grant (VIGRE – Vertical Integration of Research and Education) and several fellowships are available through this program to United States Citizens, Residents, or Nationals.

Those awarded such a fellowship will receive additional summer support plus a moderate book/supply and professional travel allowance; and there will be no teaching duties.

Such fellowships may be awarded to beginning graduate students or those already engaged in a dissertation project. For more information on VIGRE, please see <http://www.math.utah/vigre/>.

Sincerely,

Klaus Schmitt, Director  
VIGRE Steering Committee