SCIENCE & MATH LEARNING CENTER

Graduate Program

The Department of Mathematics and Statistics offers programs that lead to a M.S. or Ph.D. degree with options in Pure Mathematics, Applied Mathematics, and Applied Statistics. Students planning graduate studies at the University of New Mexico will find a congenial department and a faculty of international stature.
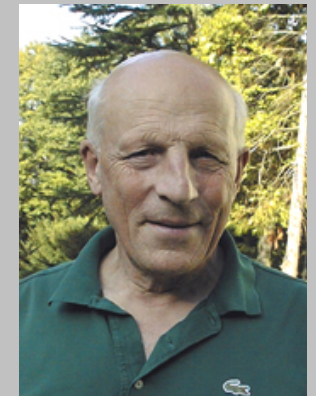
PHD: MATHEMATICS & STATISTICS

The goal of the Ph.D. program is for the student to write a dissertation that makes a contribution to mathematics and/or statistics. To do this, the student must become familiar with the breadth of current research topics. The student taking advanced courses, participating in research seminars, attending colloquia, and talking to the faculty does this. Attending colloquia is particularly important; the department provides colloquia on many current research topics given by active researchers from around the world. Students should read the descriptions of the faculty interests; when topics of interest are found, the student should ask the faculty member for reading material on that topic.

MS: MATHEMATICS & STATISTICS

The Master of Science degree is awarded based on one of two plans. Plan I is 26 credits plus 6 credits for the thesis, while Plan II is 32 credit hours and the non-thesis option. Knowledge of a foreign language is not required, but is encouraged. MS students are also encouraged to participate in research seminars and attend colloquia.

Prof. Pierre Cartier
(IHES, France)

Guest Colloquia Speaker

Apply online at http://admissions.unm.edu

The Dept. requires:

- 3 letters of recommendation (2 must be from PhD's)

- Letter of Intent (note in your letter if interested in an assistantship)

- The Department recommends the Specialized Math GRE, but GRE scores are not required at the present time.

THE FACULTY

The research interests of the faculty within the department encompass core areas in:

- Algebra/Number theory
- Analysis
- Dynamical Systems
- Geometry
- Math Education
- Mathematical Biology
- Mathematical Physics
- Partial Differential Equations
- Scientific Computing
- Statistics

The faculty of the Department of Mathematics and Statistics receives funding from a variety of agencies and organizations. Currently the faculty is working on grants funded by the National Science Foundation, the Department of Energy, the National Aeronautics and Space Administration, Sandia National Labs, the Defense Threat Reduction Agency, and the Bill & Melinda Gates Foundation. Such a broad range of agencies requires an equally broad range of talents and interests.

UNM DUCK POND

UNM OUTSTANDING INSTRUCTOR AWARD

PROF. M.CRISTINA PEREYRA, MATH

FARES QEADAN, PHD STUDENT, STAT

PROF. TERRY LORING, MATH

UNM ALUMNI CHAPEL