THE GRADUATE MATHEMATICS PROGRAM

CRYPTOLOGIC MATHEMATICS FOR EXCEPTIONAL GRADUATE STUDENTS IN MATHEMATICS AND STATISTICS

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The Graduate Mathematics Program (GMP) provides an opportunity for exceptional mathematics and statistics graduate students to work directly with National Security Agency (NSA) mathematicians and statisticians on mission-critical problems and experience the excitement of the NSA technical community. Admission to the 12-week program is highly competitive. Applicants must be currently enrolled in a graduate program.

Applicants should have demonstrated superior mathematical or statistical aptitude and problem-solving skills. Evidence of successful work on an independent project in pure or applied mathematics, statistics or computer science is desirable. Applicants may be at any stage in their graduate careers and working, or intending to work, in any area of mathematics or statistics. Computer programming experience is desirable.

GMP participants work together on problems involving mathematics, statistics, data analysis, cryptology and communications technology. Students document their work in technical papers which are internally published at the Agency. State of the art computing resources are available to GMP participants. Computational software packages such as Mathematica, MATLAB, Magma, MAPLE and S-PLUS are also available.

Information about the GMP is sent to over 300 colleges and universities across the United States. Because of the lengthy security processing required, applications must be submitted online on or before October 15th each year. Applications received after the deadline, as well as incomplete applications, will not be considered. To apply, students must submit a resume, at least two letters of recommendation from faculty members who can speak directly to his or her mathematics or statistics background, and copies of transcripts from all colleges and universities attended through the current academic year. Applicants must be U.S. citizens capable of obtaining a security clearance. Resumes must be submitted online, while letters of recommendation and transcripts should be sent to: National Security Agency, ATTN: R1 (GMP), Suite 6515, Fort George G. Meade, MD 20755-6515.

The GMP is held at NSA headquarters from late May through mid-August. Students are paid a competitive salary based on their education level. In addition, students receive annual, sick, and Federal Holiday leave. Housing accommodations can be arranged upon request. Students who attend schools in excess of 75 miles from Fort Meade, MD, are eligible for a round-trip airline ticket to and from school, or mileage reimbursement up to the cost of a government issued airline ticket.

For additional information about the GMP, please call Tonya Viola, Program Manager, at (301) 688-0983, or send e-mail to math@nsa.gov. For more information about career opportunities at the NSA, visit www.nsa.gov.