UNIVERSITY OF
MARYLAND
Department of Mathematics

Eric Errthum
Department of Mathematics
University of Maryland
College Park, Maryland 20742-4015
Office: 301-405-5113
Home: 301-226-9612
eerrthum@math.umd.edu
http://www.math.umd.edu/~eerrthum

December 3, 2006

Search Committee Chair
Union College
Department of Mathematics
Schenectady, NY 12308

Dear Search Committee,

Please consider me for the visiting Assistant Professor of Mathematics position beginning in fall 2007 at Union College. I expect to graduate with a Ph.D. in mathematics from the University of Maryland in May 2007. In January, I will be attending the Employment Center at the AMS/MAA Joint Meetings in New Orleans.

I would find it personally and professionally rewarding to be a part of an institution that prides itself on providing a high-quality, student-centered educational atmosphere dedicated to nourishing life-long learning. Throughout my graduate studies, I have enjoyed teaching a variety of mathematics courses to undergraduates in and out of the sciences. I am excited at the opportunity to continue to instruct an educationally and culturally diverse student body and contribute to the Department of Mathematics.

My thesis work under Professor Stephen S. Kudla is in the fields of number theory and algebraic geometry. Specifically, I study modular forms and the factorization of complex multiplication points on Shimura curves. I plan to continue my number theory research but also to mentor undergraduate research throughout a broader range of mathematical sciences.

Please expect to receive four letters of recommendation. They are from Professors Stephen S. Kudla and Lawrence Washington and Lecturers William Schildknecht and Karen McLaren from the University of Maryland. I have enclosed my curriculum vitae, a teaching statement, and a research statement. Additional materials are available upon request or are located on my website: http://www.math.umd.edu/~eerrthum.

Thank you for considering my application. I look forward to hearing from you.

Respectfully yours,

Eric Errthum