

Subject: Fw: support letter

Date: Tuesday, January 30, 2024 at 1:34:05 PM Eastern Standard Time

From: Stephen Tate

To: Sebastian Pauli

From: Chetty, Sunil <SCHETTY@CSBSJU.EDU>

Sent: Tuesday, January 30, 2024 1:16 AM

To: Stephen Tate <srtate@uncg.edu>

Subject: statement in support of the graduate program in Computational Mathematics

Hello Professor Tate. Please see my statement below in support of the graduate program in Computational Mathematics at UNCG.

Cheers,

Sunil

Associate Professor, Mathematics
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(320) 363-5960

Dear Chancellor Gilliam:

I am writing to urge you to retain UNC Greensboro's PhD program in Computational Mathematics. Over the past decade, the number theorists at Greensboro have been instrumental in organizing several conferences in the SERMON and PANTS series of regional number theory conferences that bring together students both from within the department and from universities across the southeastern United States. These conferences provide opportunities for mathematicians of all levels to present their mathematical research, exploration, etc, and this space is particularly important for undergraduate students who are just beginning in their mathematical careers. While Provost Storrs cites the importance of serving lower-division students, these opportunities demonstrate to younger students what is possible, how one can engage so thoroughly with a problem and own a piece of a solution.

Computational mathematics is ever more significant in the present-day ecosystem of natural and mathematical sciences. Mathematics has grown from its highly abstract past and efficient computational ideas occupy a more prominent role in nearly every branch of the discipline. A graduate program in computational mathematics creates opportunities for younger students to see this aspect of modern mathematics. Moreover, mathematicians studying computational problems provide a valuable perspective and approach to problem-solving for lower-division students.

The PhD in computational mathematics is also one of UNCG's strengths. It is a field with applications to many disciplines that are central to our modern economy, such as cryptography, artificial intelligence and data analytics. Both graduate and undergraduate students are well-served by the department's expertise in this field.

I hope you will not follow Provost Storrs' suggestion to eliminate it.