

Arizona State University

January 30, 2024

Dear Chancellor Gilliam,

I am writing to express my strong support for the retention and continued investment in the Ph.D. program in Computational Mathematics at the University of North Carolina Greensboro. I wish to convey my sincere belief in the significance of maintaining and fostering this critical academic offering.

The Ph.D. program in Computational Mathematics holds immense value not only for the students directly involved, but also for the university. As a mathematician who has witnessed the program's impact firsthand, I can attest to its contributions to the academic and research landscape of your institution and to the field as a whole.

Here are some key points that highlight the importance of preserving the Ph.D. program in Computational Mathematics:

- Academic Excellence: The program has consistently demonstrated a commitment to academic excellence, attracting talented students and producing graduates who contribute significantly to the field of Computational Mathematics.
- Research Contributions: Graduates from this program have made substantial contributions to research, bringing recognition to the university, and further establishing UNC Greensboro as a hub for innovative and impactful computational mathematics studies.
- Interdisciplinary Collaboration: The interdisciplinary nature of computational mathematics makes it a bridge between various academic disciplines. The program fosters collaboration across departments, contributing to a rich academic environment and encouraging diverse perspectives.
- Industry Relevance: In an era where computational skills are increasingly crucial across industries, the program plays a vital role in preparing students for careers in academia, industry, and research.

Additionally, I have personally attended special sessions and mini symposia organized by members of the department where graduate students gave talks. The quality of these presentations was outstanding, showcasing the depth and rigor of the research conducted within the Ph.D. program. These experiences have further solidified my belief in the program's excellence.

For these reasons, I strongly urge the reconsideration of any plans to discontinue the Ph.D. program in Computational Mathematics. The long-term benefits and impact on the academic community far outweigh short-term challenges.

Sincerely,

Donatella Danielli

Foundation Professor and Director

Fellow of the American Mathematical Society and of the Association for Women in Mathematics

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