



BOISE STATE UNIVERSITY

COLLEGE OF ARTS AND SCIENCES

Department of Mathematics

March 8, 2019

Dear SIAM Membership Team,

The Boise State University (BSU) student's and faculty in various departments spanning science, engineering, and economics wish to create a BSU SIAM Student Chapter. The goals of the chapter include:

1. Increasing the awareness of the field of applied and computational mathematics to both campus community and the broader Boise community.
2. Developing applied and computational mathematical skills of BSU students and faculty.
3. Furthering the research objectives of BSU.
4. Fostering relationships with applied mathematics professionals, innovators and industry leaders.

Upon acceptance by SIAM, the BSU Chapter plans to hold an organizational meeting at which it will approve operating procedures, elect officers, and develop an annual meeting and event plan.

Additionally, I have agreed to provide faculty leadership to the BSU Chapter along with my colleague Dr. Michal Kopera.

Please let me know if you need any more information from us.

Sincerely,

Grady B. Wright
Professor
Department of Mathematics Boise
State University
gradywright@boisestate.edu
208-426-4674
<http://math.boisestate.edu/~wright/>

November 15, 2018

Department of Mathematics and Statistics



University of Nevada, Reno

University of Nevada, Reno
1664 N Virginia Street (0424)
Reno, Nevada 89557
Phone: +1 (956) 256-2549
Email: cgrudzien@unr.edu

Society for Industrial and Applied Mathematics
3600 Market Street, 6th Floor Philadelphia, PA
19104 USA

Dear SIAM Membership Team,

My name is Colin Grudzien, and I am an Assistant Professor of Statistics at the University of Nevada, Reno (UNR). I am writing to inform you that my colleagues and I at UNR would like to form a SIAM student chapter in the Department of Mathematics and Statistics. In 2016, the university approved the creation of PhD programs in Mathematics and Statistics & Data Science. As a rapidly growing department, with many new graduate students, it is our goal to engage our students in the wider mathematical and statistical community. We feel that SIAM is a pillar of these communities, setting a high standard for quality publications and meetings, as well as for inclusion and collaboration. We believe the student section, which will be the first in Nevada, will be indispensable to our department's future as major center for mathematics and statistics.

Among the activities we would like to promote are: (i) a student focused seminar/ webinar series to bring new academic and industrial perspectives into the department, and for graduate students to share their own research; (ii) joint chapter activities and meetings with nearby student sections in Northern California, in order to give our students valuable networking and leadership opportunities; and (iii) social-professional events within the department to draw students into our degree programs and to promote inclusiveness and community within our department and university.

We greatly appreciate your consideration of this application to form a student chapter, and thank you for your time.

Sincerely yours,

Colin James Grudzien

Dear SIAM Membership Team,

We are writing to you on behalf of the postgraduate students from the Schools of Mathematics & Statistics at Trinity College Dublin and University College Dublin with the view of forming a **SIAM/IMA**

Dublin Area Student Chapter here in Dublin.

We are nominating Dr. Kirk M. Soodhalter (ksoodha@maths.tcd.ie) and Dr. Nicole Beisiegel

(nicole.beisiegel@ucd.ie) as the chapter faculty advisors for Trinity College Dublin and University College Dublin respectively. The Chapter will be open to inclusion from other area universities, should the students and supporting member faculty want to take part. Thus, the Chapter may grow in the future to include groups from Dublin City University, Technological University Dublin, and/or Maynooth University, should the need arise. In such a case, the respective student groups would need to have the support of a local faculty supervisor that is a member of SIAM, who would then become their local chapter faculty advisors.

The main purpose of forming this Chapter is to promote applied mathematics and statistics in the Dublin area as well as help facilitate interdisciplinary and inclusive collaboration between the faculties of Science, Engineering and Informatics with an industry viewpoint.

This chapter would complement the existing SIAM Student Chapters in Limerick and Galway as well as strengthen SIAM's presence in the Republic of Ireland. Furthermore, following precedent from some of the student chapters in the UK, we have secured an agreement of support from The Institute of Mathematics and its Applications (IMA) in the UK. Thus, we indicate in the name of our chapter that both organizations are supporting our activities.

Should our application be successful we propose the following activities for the Dublin Area Student Chapter:

- **Host speakers to give careers advice** We plan to invite experts to give career advice on working with mathematics in industry. We would hope to build on existing links that TCD and UCD have with professionals in that area as well as on existing contacts to alumni that pursued careers in industry after successful completion of their degrees.
- **Implement a journal club** A common topic to talk about is a good way to encourage interaction between the students. For that reason we would implement a journal club in which students from all participating universities would meet bi-monthly to discuss publications in the area of applied and industrial mathematics that are of general interest.
- **Organise a seminar series** We plan to invite experts in the area of applied mathematics to talk about their research. Furthermore, we would be committed to choose speakers from all career stages in a way that is inclusive and reflects diversity with respect to gender, ethnicity and social backgrounds.
- **Tours of Industrial Labs** Arising from existing links within the schools and established from hosting speakers here in the universities in Dublin, we would envisage organising guided tours of these industrial workplaces for our student members. This would give our members an important insight into how mathematics is actually applied in an industry setting. Already existing contacts include ICHEC: Irish Centre for High-End Computing and Met Eireann -- the Irish Met Service -- where past students of the school now hold prominent and permanent positions.

- **SIAM meetings** We hope that a large number of our members will be able to participate in future SIAM meetings. In particular we would be keen for our members to attend the annual SIAM UKIE meetings as well as participating in the SIAM National Student Chapter Conference.

We attach a petition signed by 4 full and 9 student members. Two nonmember faculty members (one from TCD and one from UCD) have also signed to show support.

Yours Sincerely,
Samuel Bateman (TCD)
Enda Carroll (UCD)
Kirk M. Soodhalter (TCD)
Nicole Beisiegel (UCD)