DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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To: Matthew Barr, Director, SICSA Education
From: Leo Porter, Associate Teaching Professor at UC San Diego
Subject: SICSA Fellowship Report for Period from December 28, 2021 – June 30, 2022

Thank you to SICSA for this opportunity to collaborate and interact with the exceptional faculty, students, and staff at universities in Scotland. My main activities during the fellowship have been:

1. **Presentations, talks, and meetings with faculty and graduate students interested in CER around Scotland.** During my visit, I offered seminars at the University of Glasgow, Robert Gordon University, and the University of Strathclyde. At each institution, I also had meetings with faculty, administrators, and graduate students interested in computing education research. Beyond forging collaborations, the goal of both the seminars and meetings was to help each institution expand their computing education research programs. Glasgow seminars were offered in blended mode and recorded and will be made available on-line to further the reach of the presentations and discussion.

2. **Substantial research collaborations at University of Glasgow.** At the University of Glasgow, our discussions and collaborations have led to three major joint research projects involving student mental models, factors related to student success in computing, and how faculty may address deficits in student understanding at the start of computing courses.

3. **Coordination of a study about Imposter Phenomenon in Scotland.** Seven faculty at five institutions are working with my CER laboratory to study the prevalence of Imposter Phenomenon among students in computing courses.

4. **(planned) Virtual support for the SICSA New Lecturers Workshop.** The timing of my visit did not coincide with my being involved in the SICSA New Lecturers Workshop, however I will be involved next fall. I previously co-created and co-hosted the New Computer Science Faculty Teaching Workshop in the United States and hope to bring lessons learned from that effort to SICSA's New Lecturers Workshop.

I also wish to mention that there were some limitations in the activities and events during my visit due to the COVID pandemic and illness in general. In summary, this has been a productive time of collaborations, discussions, and networking made possible by this fellowship.

Please feel free to contact me with any questions

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