University of Cincinnati

Faculty/Staff International Incentive Grant 2023

October 24, 2022

Dear Committee,

I have read the proposal by Greg Beaucage to spend several weeks at the University of Duisburg-Essen in formulating research proposals concerning the emergence of complex macroscopic networks in nanocomposites. We are active in the production of nanoparticles and have great interest in their application in nanocomposites. Understanding and controlling emergent hierarchical network structures is therefore of importance to our research and teaching activities. We can coordinate undergraduate student internships working with my graduate students through the DAAD Rise program (<https://www.daad.de/rise/en/rise-germany/about-the-program/>). We will also discuss the possibility of a future Humboldt Fellowship application from Beaucage or others at Cincinnati. The interaction with companies mutually local to the Ruhrgebeit and Cincinnati is also of interest. During his stay he has offered to teach a short course on small-angle scattering for nanomaterials which is of use to our students and post-docs. We are also interested in exploring the development of joint elective classes using the Zoom platform. For these reasons I am happy to host Prof. Beaucage during his stay in April/May 2023.

Sincerely,

University of Duisburg-Essen