

CALL FOR APPLICATIONS AND NOMINATIONS

Application Deadline: February 15, 2020

Director or Co-Directors for the NYS Center of Advanced Materials Processing (CAMP)

Clarkson University is currently seeking a collaborative, innovative, and entrepreneurial director or co-directors for the Center for Advanced Materials Processing (CAMP). A single Director, or two Co-Directors from different Schools whose expertise and experience are complimentary, will be selected following the process outlined below.

About CAMP

CAMP's mission is to offer Clarkson faculty, NY State companies, industries and entrepreneurs a collaborative, trusted place in which to engage in focused, applied research and technology development activities to advance innovation, improve products, solve manufacturing challenges and develop new products. The Center manages state-of-the-art laboratories, including the Biomaterials Characterization Laboratory (BMCL), which enable faculty to pursue cutting-edge research and are accessible to undergraduates and graduate students for collaborative projects. CAMP oversees and manages the Material Science and Engineering (MSE) graduate program working collaboratively with the School of Engineering, the School of Arts of Sciences and the Graduate School. The role of the Director/Co-Directors is pivotal in realizing the vision of a Clarkson by inspiring faculty, staff, and students to explore and expand new frontiers and upcoming opportunities in academic and industrial areas well poised for growth and economic development within the State.

Key Responsibilities and Opportunities

- Maintain and grow CAMP as a recognized leading CAT to stimulate innovation, entrepreneurship and economic development within the State by promoting faculty research and building strong relationships with local, regional, alumni and industrial partners.
- Enhance CAMP's visibility and support the mission of creating an interactive and innovative space for faculty, industry and students within the state and campus community.
- Provide dynamic administrative leadership to faculty and staff working at all levels to promote scholarly work, industry engagement, and student development through strategic planning, direction, and assessment of key research and entrepreneurial components that benefit the State and the University.
- Provide strong support to high-tech companies and start-ups in the North Country, working to encourage their growth that is key to economic development in the region.
- Develop a Strategic Plan for the Center, and work with faculty and university administrators to define long-term goals and programming.
- Be responsible for budget decisions and promoting strategic planning to align with State and University mission and goals.
- Complete and submit reports to the State as required for Centers of Advanced Technology (CATs).
- Act as the faculty interface with stakeholders and promote faculty involvement in industry projects.
- Develop relationships with industry partners for collaborative project formulation and execution.
- Collaborate with university administrators to coordinate legislative contact, plan and support events.
- Lead and grow the Materials Science and Engineering Graduate program (MSE).
- Recruit MSE students, develop curricula and ensure high quality teaching of the required MSE classes.
- Oversee and manage the operation of the CAMP facilities, including laboratories, instrumentation, and other physical resources, including the Biomaterials Characterization Lab.
- Design, implement, and refine initiatives, such as the CAMP Graduate research Fellowships and the CAMP Instrumental Use Seed Program, to provide strategic investment in industry-relevant research, develop and strengthen connections with industry and promote economic growth.

- Frequent travel throughout New York State in support of developing, advancing, and sustaining new economic development and research collaboration opportunities on behalf of the faculty and CAMP.

Nominations of potential candidates should include a statement of why you think the nominee is best suited to the role of Director, or why the team of two individuals is best suited to the role of co-Directors. Nominations should be sent via email to the Provost (rhanniga@clarkson.edu). Nominees will be asked to apply if appropriate to the position (e.g., faculty with sufficient expertise in the areas of responsibility above).

Requirements

Tenured status at the rank of Associate or Full Professor with a Ph.D. in a technical field closely related to Advanced Materials Processing with significant experience fostering faculty-industry collaborations, supporting faculty development and research success, and managing externally funded research projects.

Demonstrated ability to secure extramural grants/funds, both private and public, to serve needs of either partner companies as they relate to the support offered through NYSTAR, is necessary.

Experience

The qualified candidates(s) should have an entrepreneurial spirit as demonstrated by work with companies; applied research with industry; understanding of contract management and intellectual property development/protection. Additionally, the successful candidates(s) will evidence an ability to interdependently partner with other organizations to ensure a referral network exists for companies to receive assistance (e.g., access to instrumentation, piloting of technologies, cooperative placement of students) either through University resources or outside organizations.

Applicants may apply as an individual for sole directorship or as a team of two faculty from different areas of research expertise (e.g., one from engineering, one from sciences) for co-directorship. Applicants will provide, via email to the Provost:

- A full Curriculum Vitae that includes details regarding administrative experience, project management experience, as well as germane publications and current/past external funding;
- A brief statement (no more than 2 pages) describing their experience with industry partners and how the candidate will lead efforts for the successful growth and sustainability of CAMP.

Applications are due by February 15, 2020 5pm and will be reviewed by a committee comprised of selected CAMP staff, active CAMP researchers, and academic leaders including other research center directors.

Conditions of Appointment

The appointment as director/co-directors will be for 3-years with the option of renewal based on performance and availability of funding. The director/co-directors will report to and liaison with the Provost. The director position is a 12-month appointment such that the incumbent's base pay is supplemented by full summer salary. For co-directors, as duties are split, the position is 9-months with each receiving a stipend equivalent to 1.5 months of summer salary. As a full-time leadership position, the director will be detailed to CAMP with salary recovery returned to the home unit (co-directors receive commensurate, albeit adjusted, appointments). The Director/Co-Directors of CAMP also direct the Materials Science graduate program. As a result, preference is that the Director/Co-Directors maintain graduate level teaching of at least 1 course per year.

Send nominations, applications, and any questions, via email, to Provost Hannigan. Applications are due by 5pm February 15, 2020.