RESEARCH AREAS AND FACULTY ALIGNMENT

- Biomedical Imaging (Drs. Sam Grant, Yan Li and Teng Ma)
- Cellular & Tissue Engineering (Drs. Hoyong Chung, Sam Grant, Jingjiao Guan, Yan Li and Teng Ma)
- Multi-Scale Theory, Modeling & Simulations (Drs. Ravindran Chella and Jose Mendoza-Cortes)
- Nanoscale Science & Engineering (Drs. Ravindran Chella, Hoyong Chung, Sam Grant, Jingjiao Guan, Daniel Hallinan, Egwu Kalu, Biwu Ma, Jose Mendoza-Cortes, Subramanian Ramakrishnan and Theo Siegrist)
- Plasma Reaction & Electrochemical Engineering (Drs. Eric Kalu, Bruce Locke and Jose Mendoza-Cortes; Mr. Wright Finney)
- Polymers & Complex Fluids (Drs. Rufina Alamo, Ravindran Chella, Hoyong Chung, Daniel Hallinan, Jose Mendoza-Cortes, Hadi Mohammadigoushki and Subramanian Ramakrishnan)
- Renewable & Advanced Power Production (Drs. Daniel Hallinan, Egwu Kalu, Bruce Locke, Biwu Ma, Jose Mendoza-Cortes, Subramanian Ramakrishnan, John Telotte and Yaw Yeboah)

ADMISSION REQUIREMENTS:
University Graduate Admission Requirements

1. A baccalaureate degree from an accredited college or university;
2. Maintenance of a good standing in the institution last attended;
3. Evidence by ORIGINAL transcript of a satisfactory prior academic record;
4. At least 3.0 grade point average on a 4.0 grading scale if they do not have a degree from an accredited chemical or biomedical engineering degree program;
5. An undergraduate and/or graduate GPA of 3.0 (on a 4.0 scale) or higher;
6. A minimum score on the revised GRE in the 48th percentile (>) 150) for verbal reasoning and in the 75th percentile (>) 158) for quantitative reasoning. It should be noted that the GRE percentiles of funded graduate students on assistantship are typically higher than these minimal (combined GRE > 308);
7. A statement of professional goals; and
8. Three letters of recommendation from persons familiar with the student’s work and background.

Note: Deadlines for applications are determined by the Universities (see websites below). However, full consideration for assistantships is processed by the department, and this deadline is January 1.

DEGREE PROGRAMS:

- MS (course or thesis based): Biomedical Engineering and Chemical Engineering
- PhD (dissertation): Biomedical Engineering and Chemical Engineering

Florida A&M University application: www.famu.edu/graduatestudies
Florida State University application: www.admissions.fsu.edu/graduate/
In total, CBE Faculty have secured over 10 patents, $6 million in research funding and numerous other awards and honors in just the last five years.