

June 2023

The Crawford Lab in the Department of Materials Science and Engineering at the University of Central Florida in Orlando, FL, is hiring a postdoctoral associate to **develop soft materials** for flexible electronic applications. Webpage: kcrawfordgroup.com

Research projects will include synthesizing and characterizing sustainable polymer materials, then integrating the materials to develop sustainable materials for flexible electronics in health monitoring. **The ideal candidate will have expertise in organic and polymer synthesis and polymer materials characterization with an understanding of device applications.** Additional experience with device fabrication is of particular interest (e.g., photolithography, operating SMUs, 4-point probes, transfer printing, LabView, MatLab, etc.).

The candidate is expected to work independently as well as collaboratively within an interdisciplinary environment that includes communication with industry and university research groups.

Preferred qualifications include:

- Degree in one of the following fields: Materials or Polymer Science, Chemistry, or a related field.
- Working knowledge of techniques like **polymer synthesis, materials functionalization, polymer characterization, experimental organic chemistry**, flexible electronics, health monitoring, and wearables for developing polymer-based sensors and actuators.
- Research independence.
- Strong writing and oral communication skills.
- Able to troubleshoot, engage in creative problem-solving.
- Works well in a team and can provide guidance to junior researchers.

The Crawford group aims to provide a healthy research environment that supports **work-life balance**, emphasizing health and well-being alongside productive research.

The target start date for postdoc and research associates is flexible but soon for a 1-year contract with the potential for performance-based renewal.

Enthusiastic postdoctoral candidates, email your CV and names of 3 references to Dr. Crawford at kcrawford@ucf.edu. A review of applications will begin July 4th and will continue on a rolling basis until the position is filled.



Teamwork within a diverse and inclusive environment is critical for broad-reaching research success and is particularly important within this research group. Further, as an equal opportunity/affirmative action employer, UCF encourages all qualified applicants to apply, including women, veterans, individuals with disabilities, and members of traditionally underrepresented populations. UCF's Equal Opportunity Statement can be viewed at: <http://www.oie.ucf.edu/documents/PresidentsStatement.pdf>. As a Florida public university, UCF makes all application materials and selection procedures available to the public upon request.