



Postdoctoral Associate Position in *Materials Science for Nanomedicine*
Leal Lab, Materials Science and Engineering
University of Illinois at Urbana Champaign

Description: We seek a motivated candidate for a postdoctoral research position in the laboratory of Prof. Cecilia Leal at the Materials Science and Engineering Department of the University of Illinois at Urbana-Champaign, funded by the National Institutes of Health (NIH). The position is renewed annually and intended for two years. The candidate will design and characterize soft nanoparticles for cellular delivery applications. The postdoc will have the opportunity to: i) characterize the nanoparticles with advanced electron microscopy and scattering techniques, ii) test nanoparticle efficacy in cell culture, iii) image nanoparticle fate in cells and organelles by fluorescence microscopy.

Experience: Candidates must have a PhD in Chemistry, Chemical Engineering, Materials Science, Biomedical Engineering, or a related field. Applicants must have significant experience in cell culture, nanoparticle cell delivery, and cell imaging. Candidates should also have a strong interest in soft materials structural characterization, interdisciplinary and collaborative work, and demonstrate excellent communication skills.

Application: Qualified applicants should send to Prof. Leal (cecilial@illinois.edu) a single pdf file including: i) a cover letter (2 pages maximum) stating relevant skills specifically addressing the “Experience” items above and anticipated availability date; ii) curriculum vitae, and iii) contact information for two references. Review of applications will begin February 20, 2017 and continue until the position is filled.

About our lab: The Leal Lab is affiliated with the Department of Materials Science and Engineering at the University of Illinois at Urbana-Champaign. We have five graduate students (2 seniors, 1 half-way, and 2 new) and several undergraduate students. Prof. Leal is fully engaged with the career development of her group members, and she is especially welcoming applications from females and underrepresented minorities. More information about the Leal Lab is available at <http://cecilial.matse.illinois.edu/>.

In 2017, Illinois was placed by the U.S. News and World Report as the #7 Graduate Engineering School in the United States. The Materials Science and Engineering Department ranks #2.