



Positions in RNA synthetic biology - Franco lab at UCLA Mechanical and Aerospace Engineering, Bioengineering, and Molecular Biology Institute

We have several openings, with start date ASAP.

- Postdoctoral scholar position to develop conditional RNA fluorogenic sensors for mammalian cells (1 year with possibility of renewal). This is a collaborative project supported by the Broad Stem Cell Research Center with the groups of Kathrin Plath and Douglas Black at UCLA.
- Ph.D. / research specialist / technician position to build RNA feedback controllers to manage cellular burden in bacteria. This is an NSF-funded project in collaboration with the lab of Francesca Ceroni at Imperial College London.
- Ph.D. / research specialist position to design and characterize RNA molecules to build RNA assemblies and liquids *in vitro*.

Appointments will be in the Mechanical and Aerospace Engineering or Bioengineering Department at UCLA.

The Franco group is continuously monitoring the COVID-19 situation. Based on official guidelines from UCLA, we are adapting our routine to maximize the safety and well-being of all team members.

Requirements

Candidates must have a PhD in the life sciences, such as biophysics, molecular biology, biochemistry, synthetic biology or related areas. Familiarity with self-assembly of nucleic acids nanostructures is a plus. Some computational/analytical skills a huge plus.

Historically disenfranchised groups and first generation college students are particularly encouraged to apply.



Application

If you have questions, please email Elisa Franco (efranco@seas.ucla.edu).

If you wish to apply, please do so by July 30th, 2020, and attach:

- Cover letter/personal statement, describing your interests, previous experience and research/life goals,
- Curriculum Vitae with list of publications/research accomplishments,
- Contact information of three references.