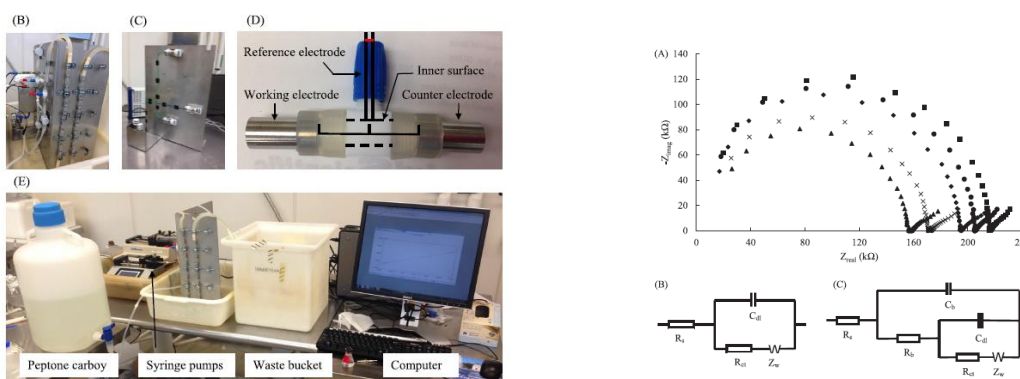


Graduate Student Scholarship
Agricultural and Biological Engineering Department, University of Florida

Multi-Species Biofilm Dynamics

Position Description:

Applications are solicited for a Graduate Research Assistant (GRA) position (Ph.D. or M.S. Level) in the Agricultural and Biological Engineering Department at the University of Florida under the supervision of Drs. Reyes and Martin. We are looking for a highly motivated and creative student interested in working on empirical laboratory research and mathematical modeling of the growth of multi-species biofilms. Research focus includes but is not limited to the development of flow systems, micro-hyperspectral and electrochemical impedance analyses, metabolomics, metatranscriptomics, and conventional microbial analyses.



Minimum Qualifications:

For M.S. applicants: B.S. or B.E. in the following disciplines. For Ph.D. Applicants, B.S. or B.E. and M.S. or M.E. in any of the following or similar disciplines:

- Biological Engineering
- Chemical Engineering
- Food Engineering
- Biomedical Engineering
- Microbiology
- Biotechnology

Applicants whose native or first language is not English must obtain a TOEFL score of 80 iBT or IELTS score of 6.5 or higher

Preferred Qualifications:

This position is highly interdisciplinary and requires carrying out laboratory research at the interface of microbiology, chemical and biological engineering, analytical chemistry, electrochemistry, image analysis, and “omics”. Prior laboratory experience in any of these areas is a plus.

The UF/IFAS ABE Department is ranked among the top 5 programs in the nation and provides unique opportunities for in-depth research and field experience with award-winning department faculty and access to [HiPerGator](https://www.ufl.edu/abe/HiPerGator/) one of the most powerful supercomputers available on a university campus.

How to Apply:

Interested applicants are encouraged to contact Dr. Jose Reyes (jjreyes@ufl.edu) directly with a copy of your CV and research statement. Qualified candidates will be contacted separately for additional details (such as references). More information about applying for a graduate degree in Agricultural and Biological Engineering can be found at <https://abe.ufl.edu/graduate/admissions/>. *Please do not apply formally or pay any fees without making the inquiry first.*