

Naughton REU FSTEM Application 2023: OFFER OF TRAINING FORM SUMMER 2023

Proposer details:	
Title:	Assistant Professor
Name:	Veronica Sofianos
Email:	Veronica.sofianos@ucd.ie
Website:	https://people.ucd.ie/veronica.sofianos
If your grade does not allow you to supervise students, please supply the name of support PI:	N/A

Student required:	
Specify any previous training / experience the student should have:	
Basic electrochemistry knowledge	
Study level (3rd year, 4th year)	4 th year
Any other requirements:	None

Traineeship offered:	
Brief job description: (please include (1) type of work, (2) what student should hope to achieve at end of the process, (3) who will supervise student on daily basis (post-doc etc.))	
(1)The type of work is experimental research and it involves the preparation of electrodes and their electrochemical characterisation in the hydrogen and oxygen evolution reaction, also known as water electrolysis or water splitting. (2) At the end of the process the student will acquire competitive skills in electrocatalysis for green hydrogen production and it will well position them in any field that researches the production of green fuel through electrochemical processes. (3) The group leader, Veronica Sofianos, will supervise the student on a daily basis throughout their stay.	
Link to research group or supervisor webpage:	https://people.ucd.ie/veronica.sofianos
Location of lab:	UCD Engineering centre and Materials Science

Working hours:	
Number of Weeks offered:	10
Hours per week:	40

Earliest Start Date possible:	02 May 2023
Latest End Date possible:	27 July 2023