



Erasmus+ Traineeship

| EMPLOYER INFORMATION | |
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| Name of Organization | University of Murcia |
| UMU Contact Person and e-mail | José Ginés Hernández Cifre jghc@um.es |
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| ENTERPRISE JOB DESCRIPTION | |
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| Name of enterprise | Multifunctional Molecular Materials / Grupo de Materiales moleculares multifuncionales: síntesis, estudio y computación |
| Duration | 3 - 9 months |
| Working Hours | 40 h/week |
| Project Description | -Synthesis of polyheteroaromatic molecules for their use as organic semiconductors. (-Optional: Fabrication of transistors and solar cells with synthetic organic semiconductors.) |



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| Tasks of the Erasmus intern | <ul style="list-style-type: none">- Organic synthesis.- Characterization of organic molecules (NMR, mass spectrometry, UV-vis, fluorescence spectroscopy, cyclic voltammetry) <p>(- Optional: Fabrication and characterization of optoelectronic devices.)</p> |
| Requirements | <ul style="list-style-type: none">- Experience in experimental Organic Chemistry.- Languages: The candidate should be fluent in English or Spanish. |
| What do we offer | Good atmosphere in an interdisciplinary research group where the student will work in the synthesis and characterization of novel organic materials for their application in optoelectronic devices. |
| Website | <p>https://curie.um.es/curie/catalogo-ficha.du?seof_codigo=1&perf_codigo=10&peva_cod=003&titulo=Ciencias+Experimentales&sec_codigo=&cods=E047*05</p> <p>Also: https://www.um.es/multimolmater/</p> <p>Contact: Dr. David Curiel Email: davidcc@um.es</p> |