

PhD Fellowship in Polymer Chemistry

A PhD Fellowship in Chemistry is available in the group of Dr. Clara García-Astrain (Functional Polymers for (Bio)sensing, www.funpolysens.com) and the group of Prof. Radmila Tomovska (<https://polymat.eu/en/research/Novel-Applications>) at the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa (www.polymat.eu).

The project will focus on the development of polymeric-based sensors and their incorporation into graphene hydrogels in structured reactors for in situ monitoring of dissolved CO₂ in aqueous environments.

Applicants must have a BSc and MSc in Chemistry, Materials Science or Chemical Engineering with a strong background in polymer synthesis, organic synthesis and materials characterization. Knowledge of sensing materials and sensor development will be also considered.

Good command of written and spoken English is a must (if preselected, an online interview will be carried out before any other appointment is made). The selected candidate is expected to conduct research, write papers, establish interdisciplinary collaborations and deliver a PhD thesis. Research contract duration: 3 years. Starting date: **May 2026, Immediate availability is required.**

Applications should be addressed to Dr. Clara García Astrain and Prof. Radmila Tomovska and sent via email in one single PDF to clara.garciaastrain@polymat.eu and radmila.tomovska@ehu.eus before the 22nd of April 2026 (applications will be considered upon arrival) including:

- (i) a cover letter highlighting their interest in the position (Please indicate your availability and earliest possible start date in your cover letter)
- (ii) curriculum vitae
- (iii) a short description of previous research (1-2 Pages)
- (iv) the names and contact addresses (e-mail) of two academic referees

POLYMAT has obtained the 'HR Excellence in Research award'. The award reflects our commitment to continuously improve our human resource policies in line with the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers and our commitment to achieve fair and transparent recruitment and appraisal procedures.