Scholarship funded postdoctoral position at Organic Chemistry department on Sustainable Production of Hydrogen

(Prof. Åkermark and team)

Closing Date 2022-03-31.

The Department of Organic Chemistry is one of the largest departments at the Faculty of Science with about 60 employees. The research focus of the department spans a wide range of organic chemistry disciplines, including catalysis, carbohydrate chemistry, asymmetric synthesis, medicinal chemistry, and computational chemistry.

The Åkermark group at the Department of Organic Chemistry (Stockholm, Sweden) is seeking a postdoctoral researcher for a newly started project that aims to develop efficient electrochemical cells for H₂ production from water. Specifically, the postdoctoral researcher will help develop (i) novel electrocatalysts based on 1st and 2nd-row transition metal complexes, (ii) anchoring them onto carbon-based electrodes, and (iii) test their electrochemical features and develop electrochemical cells.

Main Responsibilities
- Organic and inorganic synthesis
- Electrochemical investigation of reactivity and stability
- Draft high-quality research publications

Qualification requirements and Assessment criteria
Postdoctoral positions are appointed primarily for purposes of research. The candidate must have received Ph.D. degree (not more than three years ago from the closing date of application) to be eligible to apply for this research position. Having experience in successful grant applications will be considered additional meriting.

Grant and scholarship details
Prof. Björn Åkermark was recently awarded project funding from “Futura Stiftelsen” together with Dr. Biswanath Das (SU). The postdoctoral position (stipend 25000 SEK/month) will be initially for 12 months with the possibility to extend for another year. The Postdoctoral fellowship project will be placed in the Department of Organic Chemistry at Stockholm University.

Start date 2022-06-01 or as per agreement.

Stockholm University strives to be a workplace free from discrimination and with equal opportunities for all.

Contact Further information about the position can be obtained from Prof. Björn Åkermark (bjorn.akermark@su.se), and Dr. Biswanath Das (biswanath.das@su.se).
Applications
Applications should be written in English and be mailed to diarie@organ.su.se
All applications will need to be marked with the text: postdoctoral application SU-433-0022-22
It should include the following documentation:
- Cover Letter, and a short summary of your previous research and scientific/teamwork expertise (max 2 pages)
- CV, which includes contact information, information about language skills, information about education and past work experiences, as well as a full list of publications.
- Copy of your Ph.D. diploma.
- Contact information to 2-3 references.
- Up to 3 selected publications, and a short summary/motivation for each (max 2 pages).

Applications that do not follow this format will not be considered.

After the application has closed, selected candidates will be called for interviews by 2022-04-15. Being able to start as soon as possible, will be seen as meriting.

You are welcome to apply!