

Post-Doctoral Position, Rutgers University, USA - Organic and Organometallic Chemistry

Project: NHC Ligand Development

Applications are invited for a post-doctoral position available to start in **2021-2022** at the Department of Chemistry at Rutgers University, Newark, USA working on “*NHC Ligand Development*” under the supervision of Prof. M. Szostak. The project involves NHC ligand development and is focused on the design, synthesis, characterization and application of novel NHCs for transition-metal-catalysis. The post is available for an initial fixed-term period of 12 months with a possible extension subject to performance.

Send your CV, together with a cover letter and contact details of three referees to Prof. Szostak at michal.szostak@rutgers.edu **The successful applicant will have experience in catalysis and organometallic chemistry.** Only applications from candidates with prior experience in organometallic chemistry and catalysis will be considered. Review of applications will begin immediately.

For some background information on representative recent work by Prof. Szostak see:

1. *Angew. Chem. Int. Ed.* **2015**, 54, 14518
2. *Angew. Chem. Int. Ed.*, **2016** 55, 6959
3. *ACS Catal.* **2016**, 6, 7335
4. *Angew. Chem. Int. Ed.* **2017**, 56, 12718
5. *ACS Catal.* **2017**, 7, 1960
6. *Nature Commun.* **2018**, 9, 4165
7. *J. Am. Chem. Soc.* **2018**, 140, 727
8. *Acc. Chem. Res.* **2018**, 51, 2589
9. *Angew. Chem. Int. Ed.* **2018**, 57, 16721
10. *iScience* **2019**, 19, 749
11. *Chem. Sci.* **2019**, 10, 5736
12. *Chem. Sci.* **2019**, 10, 9865
13. *J. Am. Chem. Soc.* **2019**, 141, 11161
14. *Trends Chem.* **2020**, 2, 914
15. *Chem. Sci.* **2021**, 12, DOI: 10.1039/d1sc02619d.

The Chemistry Department (The State University of New Jersey), features state-of-the-art facilities and equipment (<http://chemistry.rutgers.edu/>), and is located in a vibrant Newark campus at the heart of metropolitan New York area (15 min to Manhattan and Newark airport).

Prof. Michal Szostak <http://chemistry.rutgers.edu/szostak/>
Szostak Group: <http://szostakgroup.com/>