

One Postdoctoral fellow (PhD) positions available from 01-Aug 2017 in the laboratory of Dr. Wu Jie at NUS chemistry department:

Wu's group will leverage recent advances in organic synthesis with continued development of engineered continuous-flow reactors to provide new chemical transformations and technologies with relevance to contemporary problems. The field of flow chemistry is rapidly expanding and has the potential to revolutionize the synthesis of organic molecules. It has also been identified as a key research area for sustainable manufacturing in industry. Our long-term goal is to advance otherwise difficult or ineffective chemical reactions using continuous-flow techniques, as well as to develop new chemical strategies to aid the multistep flow process.

We are seeking a highly-driven, creative and ambitious postdoctoral fellow to join us in our efforts to develop sustainable chemistry using continuous flow methods, especially focusing on gas feedstock utilization

PI webpage: <https://www.wujiegrouppnus.com/>

Requirements

1. Postdoc fellow candidates must be Singaporean or Singapore-PR.
2. Hold (or be close to obtaining) an internationally recognized Ph.D. degree in organic chemistry.
3. Should have proven track record of excellence in experimental research.
4. Candidate with experience and knowledge in flow synthesis is preferred.

Job Scope:

- 1) Conducting research project(s) independently, with supervision from PI.
- 2) Writing research proposals.
- 3) Mentoring junior research scientists.

Terms of Appointment:

For postdoc fellow, the appointment will be initially for one year with possibility for extensions for an additional 2 years or longer depending on research progress and performance.

Remuneration & Benefits:

Salary range from S\$4500 to S\$5200 per month. Medical and leave benefits will be covered following the NUS standard rule.

Contact:

Interested candidates are invited to email a detailed resume, supporting documents, and the contact details of three references to:

Assistant Professor Wu Jie, Department of Chemistry, National University of Singapore 3 Science Drive 3, Singapore 117543 Email: chmjie@nus.edu.sg