



JAMES COOK UNIVERSITY

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Professor Yinghe He

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Postdoctoral Fellow (Chemical Engineering)

Applications are invited for a postdoctoral fellow position in the School of Engineering at James Cook University. The position is associated with an ARC Discovery Project "Production of structured designer particles with high encapsulation capacities and efficiencies." The person will be involved in the design and conduct of experiments, data analysis and interpretation, and day-to-day management of the project. He/she will also be involved in the supervision of PhD and undergraduate students.

The applicant should possess a PhD in chemical or mechanical engineering or related areas with a strong background in experimental fluid mechanics and mathematical/numerical modelling. A high achievement evidenced by publication in quality journals is also essential. Knowledge in liquid drop formation by laminar jet break-up or related techniques, flow-focusing, surface chemistry and biodegradable polymers is desirable. The position is full time at Academic level A for a fixed term of 3 years subject to a satisfactory probation period of 6 months. The remuneration package will be in the range of \$58,312 to \$62,484 per annum plus employer superannuation contributions of 17%.

More detailed information about the position including key duties and selection criteria can be obtained from Professor Yinghe He, Ph: +61 7 4781 6185, e-mail: Yinghe.He@jcu.edu.au.

Email applications to Professor Yinghe He. Application must:

- include a copy of up-to-date résumé/Curriculum Vitae;
- address the Selection Criteria;
- include residency status; and
- include the names, addresses and/or email details of three referees.

Application closes on 30 April 2008.