



## Scholarship Opportunities for MSc and PhD studies in 2017

### Molecular modelling in organic chemistry

The Molecular Modelling (MM) and Organic Chemistry groups at the University of Pretoria are recruiting candidates for masters, doctoral and post-doctoral research projects. Successful candidates will be afforded the opportunity to be involved in a dynamic multi-disciplinary program looking at the application of MM to better understand and explain reactivity, reaction path and product formation in organic reactions using unique MM methods and protocols developed by Prof Ignacy Cukrowski and his group at the University of Pretoria. The work will involve theoretical modelling of reactions and correlation of these findings with 'wet' synthesis in the organic chemistry laboratories of Dr Darren Riley.

MSc and PhD candidates should have a sound background in organic chemistry. Training in computational molecular modelling will be provided. The call is open **only** to South African citizens and permanent residence permit holders (for MSc and PhD studies).

Regarding the postdoctoral position, only candidates who made an extensive use of computational modelling in their PhD studies are invited. According to the University rules, the candidates must not be older than 40 years and must have attained their doctorate no more than five years prior to their appointment as postdoctoral fellows.

Interested parties should send a brief CV, transcripts and list of references to Prof Ignacy Cukrowski ([ignacy.cukrowski@up.ac.za](mailto:ignacy.cukrowski@up.ac.za)) or Dr Darren Riley at [darren.riley@up.ac.za](mailto:darren.riley@up.ac.za). For additional information please contact Prof Cukrowski 012 420 3988 or Dr Riley on 012 420 3097.