

Testimonials: Research stay at the University of Bayreuth through the German Academic Exchange Service (DAAD), Bayreuth-Melbourne colloid/polymer network

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A six-month research exchange (30.05.2016 – 15.11.2016) was conducted between The University of Melbourne and the University of Bayreuth as part of an ongoing research collaboration. Participating parties were Prof. Frank Caruso, Alessia Weiss, both from The University of Melbourne, Dr. Kristian Kempe (The Monash Institute of Pharmaceutical Sciences (MIPS)), and Prof. Stephan Förster, Kilian Krüger, and Mathias Schlenk from the University of Bayreuth.

The research exchange played to the strengths of both research groups by combining materials science, and particle's bio-nano interactions which Frank Caruso is well known for, with Stephan Förster's expertise in physical chemistry, especially microfluidics. The main purpose was to investigate protein adsorption around spherical nano- and microparticles under controlled flow conditions. We could successfully finish two projects which will result in two peer-review publications in high impact scientific journals.

Funding for the collaborative work was provided by the German Academic Exchange Service (DAAD), and both research groups. All travel expenses such as airfares, accommodation, daily allowance, and research expenses were covered in accordance with the academic stay rates and terms.