





**Department of Chemistry**  
**Departmental Seminar:**  
**Chemistry Education Research Showcase**

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**Date:** Friday, 22 April 2022  
**Time:** 11:30 – 12:20  
**Venue:** Orbital  
**Enquiries:** Dr Christine Mundy, [christine.mundy@up.ac.za](mailto:christine.mundy@up.ac.za)

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Tertiary Chemistry Education Research is an established and multifaceted discipline of chemistry which can support the teaching and learning of different chemistry topics at different levels. In this seminar we showcase four postgraduate research projects as follows:

	<p style="text-align: center;"><b>Jason Reynders</b></p> <p><b>BSc Hons Study Title:</b> Preparedness of first-year chemistry students: Extended program compared to mainstream program</p> <p style="text-align: center;"><b>Supervisor:</b> Dr. Christine Mundy</p>
	<p style="text-align: center;"><b>Neo Hlungwani</b></p> <p><b>BSc Hons Study Title:</b> Students' Perspective on a Systems Thinking Intervention in First Year Organic Chemistry.</p> <p style="text-align: center;"><b>Supervisor:</b> Prof. Lynne Pilcher</p>
	<p style="text-align: center;"><b>Micke Reynders</b></p> <p><b>MSc Study Title:</b> Effectiveness of a systems thinking visualization tool for first-year chemistry</p> <p style="text-align: center;"><b>Supervisor:</b> Prof. Lynne Pilcher &amp; Prof. Marietjie Potgieter (co)</p>
	<p style="text-align: center;"><b>Langanani Rakhunwana</b></p> <p><b>PhD Study Title:</b> Supporting teaching and learning of electrochemistry at university level</p> <p style="text-align: center;"><b>Supervisor:</b> Dr. Christine Mundy &amp; Prof Elizabeth Mavhunga* (co)</p> <p style="text-align: center;">*School of Education, University of the Witwatersrand</p>