

**International Biophysics Week, 7 - 11 March, 2016**

**WORKSHOP ON BIOPHYSICS**

Quantum-Nano Centre (QNC), University of Waterloo  
Wednesday, 9<sup>th</sup> March 2016

**Workshop Program**

TIME	SCHEDULE	LOCATION
8:50 - 9:10am	<b>Breakfast</b>	<b>QNC 1501</b>
9:10 - 9:15am	<b>Official Opening of Workshop</b>	<b>QNC 1501</b>
	<b>Zoya Leonenko:</b> Welcoming Remarks and Introduction to the Biophysics Society of Canada (BSC)	
9:15 - 9:55am	<b>Overview of Research Institutions and Programs</b>	<b>QNC 1501</b>
9:35 - 9:45am	<b>Karim Karim,</b> Centre for Bioengineering and Biotechnology Associate Director: Introduction to CBB at UW	
9:45 - 9:55am	<b>Lisa Pokrajac,</b> Waterloo Institute for Nanotechnology Assistant Director: Nanobiosystems and Nano-biotechnology Research at WIN	
9:55 - 10:40am	<b>Biophysics Research Talks</b>	<b>QNC 1501</b>
9:55 - 10:10am	<b>Kostadinka Bizheva:</b> "Optical coherence tomography for biomedical applications"	
10:10 - 10:25am	<b>Zoya Leonenko:</b> "Nanoscale biophysics and biomedical applications"	
10:25 - 10:40am	<b>Yuncheng Du:</b> "Classification and quantitative analysis of normal and apoptotic cells from fluorescence microscopy images"	
10:40 - 11:55am	<b>Coffee Break</b>	<b>QNC 1501</b>
10:55 - 11:10am	<b>Taylor Urquhart:</b> "Expanding the bionanotechnology toolbox using an engineered bacteriophage M13 platform"	
11:10 - 11:25am	<b>Melanie Campbell:</b> "The eye as a window on the brain"	
11:25 - 11:40am	<b>Robert Henderson:</b> "Kelvin probe force microscopy reveals electrostatic properties of interactions of DNA and Gemini surfactant-lipid monolayers"	
11:40 - 11:55am	<b>Juewen Liu:</b> "Interfacing nanomaterials with lipid bilayers"	
12:00 - 2:00pm	<b>Lunch</b>	<b>QNC 1501</b>
2:00 - 4:00pm	<b>Student Poster Session</b>	<b>QNC 1501</b>
4:00pm	<b>Closing Remarks</b>	<b>QNC 1501</b>
	<b>End of Workshop</b>	