



Waterloo Institute for Nanotechnology Interdisciplinary Research Funding Program (IRFP)

January 2020

Sushanta Mitra, Executive Director, WIN



UNIVERSITY OF
WATERLOO





WIN IRFP 2020: One Year Project Funding \$500,000 envelope



Competitive award program to support interdisciplinary* collaboration: WIN Core members as PI with minimum team of 5 researchers in UW, and Canada; international partners recommended



IRFP 2020 call held in tandem with Tri-Council New Frontiers of Research Fund (NFRF)-Transformations 2020 call



Applications to IRFP must also be submitted to NFRF program

**NFRF guidelines for interdisciplinarity: proposed research must include elements from at least two different disciplines (group level classification); projects that fall under the mandate of only one federal funding agency are not eligible*



WIN IRFP 2020:

Projects **must** address one or more of the following Global Challenges:

1. CLIMATE CHANGE
2. REDUCTION of GLOBAL WASTE
3. BIODIVERSITY LOSS



Maximum value of each award: \$250,000 CAD for one year

➤ *Subgrants will be processed to other UW faculty members and non-UW coapplicants for successful applications*



All applicants are to submit to NFRF-Transformations call 2020 (NOI and LOI) regardless of IRFP decision



Equity, Diversity and Inclusion must be considered

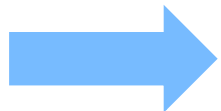


WIN IRFP 2020: One Year Project Funding

IMPORTANT DATES



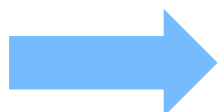
IRFP Program Announcement: 7 January 2020



IRFP NOI Submission Deadline: 1 February 2020
NFRF NOI Submission Deadline: 15 February 2020



IRFP Proposal Deadline: 15 March 2020
NFRF LOI Deadline: 15 April 2020



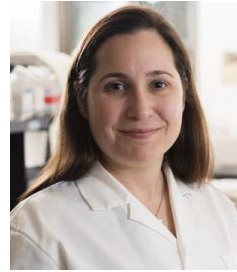
WIN-SPARC Evaluation and Adjudication
WIN-IRFP Results Announced: 1 April 2020


For details follow: <https://uwaterloo.ca/institute-nanotechnology/>

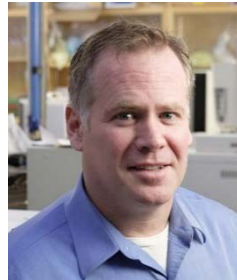


WIN IRFP 2018-19 Awards:

Four grants totalling \$300,000 CAD awarded in April 2018



 **Karim Karim (ECE) and Robin Duncan (Kin) with Peter Levine (ECE):**
“An Innovative New Micro-CT System for Cardiovascular Imaging Research” for \$100,000



 **John Honek (Chem) and Ken Stark (Kin):** *“Hydrophobic Engineering of Nano-dimensional Protein Capsules for Therapeutics”* for \$99,031


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Four grants totalling \$300,000 CAD awarded in April 2018



 **German Sciaini (Chem) and Michaela Devries-Aboud (Kin):** “ *Mapping Lipid & Mitochondria Depots in Fully Hydrated Tissue with Nanometer Resolution*” for \$50,000



 **Luis Ricardez Sandoval (ChE) and Ricardo Fukasawa (Math C&O):** “ *A Novel Theoretical Framework for the Prediction of Non-equilibrium Systems: A combinatorial approach*” for \$50,000