

## Research Personnel

(SUPERVISOR)

NAME	CAT	DEPT	TD	JD	RD	XF	MG	YL	NMc	AP	MT	CT	XW	BZ	THESIS/PROJECT TOPIC	COMPL. DATE
P. Akhlaghi	2	ChE									X				Cosmetic delivery systems using nanocrystalline cellulose	Apr 14
M. Alsehli	2	Chem					X								Arborescent polypeptide micelles (Saudi Arabia Scholarship)	Aug 15
A. Alturk	2	Chem					X								Arborescent polybutadienes	Dec 16
Y. Amintowlieh	2	ChE								X		X			UV Modification of Polypropylene	Sep 14
B.M. Amoli	2	ChE												X	Functionalization and dispersion of silver nanofillers (co-supervised with N. Zhou in MME)	Dec 14
R. Amos	2	Chem					X								Hydrophobic Modification of Starch Nanoparticles	Aug 17
K. Cao	2	Chem											X		Migration insertion polymerization	May 14
R. Casier	1	Chem		X			X								Design and Use of a Minimum Filming Temperature Bar to Probe Inter-Particle Diffusion in Latex Films	Apr 15
S. Chen	2	Chem		X											Characterization of solutions of pyrene end-labelled poly(ethylene oxide) by fluorescence and Rheology	May 14
Y. Du	2	ChE	X												Fault detection in chemical processes	Aug 15
S. Farhangi	2	Chem		X											Characterizing polymer chain dynamics in solution of various polymeric backbones by pyrene excimer formation by pyrene excimer formation	Apr 16
M. Farooq	2	ChE				X									Waste water treatment by membrane/adsorption	Jan 14
J. Fernandez	2	Chem					X								Grafting of Starch Nanoparticles	Aug 16
M. Fowler	2	Chem		X											Characterization of the properties of polypeptide aggregates	May 14
M. Guan	1	ChE				X									Waste water treatment by adsorption and membranes	Jan 14
D. Hammad	2	ChE			X										Photo-oxidative Degradation of Polyacrylamide in Wastewater	Aug 15

1 = MASc 2 = PhD 3 = Postdoctoral Fellow 4 = Res. Associate 5 = Technician

TD=T.A. Duever JD=J. Duhamel RD=R. Dhib XF=X. Feng JF=J. Forrest MG=M. Gauthier YL=Y. Li NMc=N. McManus AP=A. Penlidis MT=M. Tam CT=C. Tzoganakis XW=X. Wang BZ=B. Zhou

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Y. Hu	2	ChE				X									Facilitated transport membranes	Jan 14
Y. Huang	2	ChE				X									Micelle-enhanced ultrafiltration	Aug 14
H. Izadi	2	ChE								X					Polymers with tailor-made adhesive properties at nano-scale	May 14
N. Kazemi	2	ChE								X					Parameter estimation in terpolymerization	Aug 14
H. Lad	3						X								Butyl rubber ammonium ionomers by "click" chemistry	Aug 14
S. Lai	2	ChE				X									Heavy metal removal from waste water	Aug 15
N. Lanigan	2	Chem											X		Orgnometallic supramolecular polymers	Dec 14
C. Legros	2	ChE									X				Biodegradable and biocompatible nanogels for drug delivery applications	Oct 14
L. Li	2	Chem		X											Studies of oil-in-water emulsion prepared with PNIPAM-based thermo-responsive polymeric surfactants	Aug 16
J. Liu	2	Chem											X		Migration insertion polymerization of FpC6P	Sep 15
A. Maneshi	4	ChE										X			Flow additives for polypropylene	Apr 14
E. Massicotte	1	ChE			X										MPC Control of a Living Polymerization in CSTR Reactor	Aug 15
T. Matsumura	4	ChE										X			Extrusion of UHMWPE with scCO2	Aug 14
M. Meysami	3	ChE										X			Rubber devulcanization with scCO2	Dec 14
N. Murshid	2	Chem											X		Self-assembly of organometallic amphiphiles	Sep 15
P. Mutyala	3	ChE										X			Production of TPVs from devulcanized rubber crumb	Dec 14
L.Y. Nan	2	ChE									X				Nanoparticle synthesis using polyacrylic acids	Apr 14
M. Neqal	2	Chem					X								Smart Polymeric Nanomaterials by Encapsulation	Aug 17
S. Nie	1	ChE										X			Study of die drool of controlled-rheology polypropylene resins	Sep 15
O. Nguon	2	Chem					X								Polymer chain dynamics	May 14
Z. Pan	2	ChE												X	Development of low friction and oleophobic coating materials	Sep 16

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B.L. Peng	2	ChE									X				Interactions between functionalized biocompatible polymer systems and surfactants	Sep 14
K. N. Regmi	1	ChE			X										CFD Analysis and Experimental Study of MMA Emulsion Polymerization	Aug 14
M. Reza	2	ChE				X									Membrane bioreactor for wastewater treatment	Aug 14
M. Riahinezhad	2	ChE							X	X					Copolymerization kinetics of acrylic acid and acrylamide for enhanced oil-recovery applications	Sep 15
S. Roudsari	2	ChE			X										CFD Analysis and Experimental Study of MMA Emulsion Polymerization	Aug 14
A. Saika	1	ChE										X			DSC analysis of curing of devulcanized rubber	Sep 14
A. Sardashti	2	ChE								X		X			Methodologies for Obtaining Reliable Indicators for the Environmental Stress Cracking Resistance of Polyethylene	May 14
A.J. Scott	1	ChE								X					Water-soluble co- and ter-polymerizations	Aug 15
N. Singh	1	Chem											X		Functionalization of CpCOFeCOMe for metal containing polymers	May 14
K. Stewart	2	ChE								X					Polymeric sensors for detection of toxic analytes	May 16
J. Sun	2	ChE				X									Polyelectrolyte membranes	Aug 14
D. Vishnu	3	Chem					X								Butyl rubber ammonium ionomers by "click" chemistry (PDF)	Jun 14
A. Vo Thu Nguyen	2	Chem					X								Magnetic micelles as therapy and diagnostic (theranostic) agents	Aug 15
Z. Wang	3	ChE				X									Potential-responsive membranes	Dec 14
A. Worku	2	Chem					X								Arborescent Micelles from Polyelectrolyte Complexes	Aug 17
D. Wu	2	ChE				X									Nanofiltration membranes	Dec 14
K. Wu	1	ChE				X									Membranes for gas separations	Dec 14
X. Xu	2	ChE				X									Surface modification of membranes	Dec 14
A. Yang	1	Chem		X											Synthesis and characterization of block copolymers of PNIPAM and	May 14

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															PEO prepared by ATRP	
W. Yi	1	Chem		X											Characterization of Starch Nanoparticles by Fluorescence Quenching	Aug 14
B. Zhang	2	ChE				X									Aroma compound recovery from aqueous solutions	Aug 15
W. Zhang	2	ChE												X	Surface and tribological behaviour of Mussel-inspired polydopamine thin films	Sep 16

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