

TRAINING OF HIGHLY QUALIFIED PERSONNEL (HQP); GRADUATE STUDENTS IN BOLD

Name	Type of HQP Training and Status	Years Supervised or Co-supervised	Title of Project or Thesis	Present Position
Anh Cao	Undergraduate (In progress)	Supervised 2025 - 2026	Gene expression in the transition from fibroblast to myofibroblast	ongoing
Dupe Adesoji	Undergraduate (In progress)	Supervised 2025 - 2026	Gene expression in the transition from fibroblast to myofibroblast	ongoing
Ayaa Al-Hamadi	Undergraduate (In progress)	Supervised 2025 - 2026	Gene expression in the transition from fibroblast to myofibroblast	ongoing
Rabiat Lawal	Undergraduate (Completed)	Supervised 2025 - 2025	Gene expression in the transition from fibroblast to myofibroblast	B.Sc., Biology, Carleton University
Sarah Desroches	Masters (Completed)	Co-Supervised 2024 - 2025	Biomechanical properties to increase platelet production from megakaryocytes	Job searching
Kinsley Boers	Undergraduate (Completed)	Supervised 2024 - 2025	Gene expression in the transition from fibroblast to myofibroblast	Master's, Biology, Carleton University
Keoni Haynes	Undergraduate (Completed)	Supervised 2024 - 2025	Gene expression in the transition from fibroblast to myofibroblast	ongoing
Rafailia Taulla	Undergraduate (Completed)	Supervised 2024 - 2025	Gene expression in the transition from fibroblast to myofibroblast	ongoing
Renee Wint-White	Undergraduate (Completed)	Supervised 2024 - 2025	Gene expression in the transition from fibroblast to myofibroblast	Dentistry
Michlin Farah	Undergraduate (Completed)	Supervised 2023 - 2024	Hypoxic fibroblast production of extracellular matrix	Pharmacology
Caroline Reda-Gad	Undergraduate (Completed)	Supervised 2023 - 2024	Development of methodology for discovery of proteins induced by cold shock in fish	Health Canada
Jahlen Ritchie	Undergraduate (Completed)	Supervised 2023 - 2023	Role of HSP40/DNAJA1 in cellular adaptation to hypoxia	Undergraduate, Biology, Carleton University
Nadia Abzan	Doctoral (In progress)	Co-Supervised 2022 -	Development of 3D lung models of asthma	ongoing
Mohamad Alsaleh	Undergraduate (Completed)	Supervised 2018 - 2019	The effect of hypoxia and hypoxic mimetic agents on extracellular matrix proteins	Master's Student, Biology, Carleton University
Isaac Wong	Undergraduate (Completed)	Supervised 2021 - 2022	Role of hypoxia in collagen-based ECM remodelling	Master's, Biotechnology, University of Calgary / Project Coordinator at Biohubx
Andrew Stevens	Undergraduate (Completed)	Supervised 2021 - 2022	Role of hypoxia in collagen-based ECM remodelling	Undergraduate, Biology, Carleton University
Erica Cheyne	Undergraduate (Completed)	Supervised 2021 - 2022	The role of NLRP3 and the inflammasome in hypoxia and radiation stress response in TK6 cells	Undergraduate, Biology, Carleton University
Anna Kirkland	Undergraduate (Completed)	Supervised 2021 - 2021	Endoplasmic reticulum (ER) stress caused by nanosilver exposure	Undergraduate, Chemistry
Julie Hamati	Undergraduate (Completed)	Co-Supervised 2019 - 2020	The characterization of KGE02, a DNA aptamer selected against acute myeloid leukemia cells	Master's, Chemistry, Carleton University
Joshua O'Grady	Undergraduate (Completed)	Co-Supervised 2019 - 2020	The biochemical characterization of a DNA aptamer targeting acute myeloid leukemia cells	Master's, Chemistry, Carleton University
Stephen Holland	Undergraduate (Completed)	Supervised 2016 - 2017	NFE2L1 transcription factor turnover <i>in vitro</i> studies	Doctoral Student, Ottawa Hospital Research Institute
Jenny Vuong	Undergraduate (Completed)	Supervised 2017 - 2018	Role of EGLN1 in hypoxic conditions and on NFE2L1 and NFE2L2	Registered Nurse, Canadian Armed Forces/Medical Student, St. George's University School of Medicine, Caribbean
James Donnor	Undergraduate (Completed)	Co-Supervised 2017 - 2018	Role of glutathione in antioxidant protection of primary macrophages during the inflammatory response	Doctoral Student, Health Sciences, Carleton University
Matthew Hoekstra	Undergraduate (Completed)	Supervised 2017 - 2018	Analysis of NFE2L1: Structure, function, post-translational modifications and homology modelling	Doctoral Student, Biology, Carleton University

(a) NSERC PGS-M

(c) Ontario Graduate Scholarship

(e) International Tuition Scholarship

(g) John Lyndhurst Kingston Memorial Scholarship

(i) NSERC Canada Graduate Scholarship (Alexander Graham Bell)

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Name	Type of HQP Training and Status	Years Supervised or Co-supervised	Title of Project or Thesis	Present Position
Catherine Kennedy	Undergraduate (Completed)	Supervised 2017 - 2018	The role of stressors on PORCN and WLS function in human colorectal carcinoma cells	Medical Student, St. George's University School of Medicine, Caribbean
Alexandra Star	Doctoral (In progress)	Supervised 2022 -	Cell surface GRP78 as a therapeutic target for brain disorders	ongoing
George Hilan	Master's (Completed)	Co-Supervised 2022 - 2024	De novo self-assembled RNA nanostructures incorporating multiple glucose-regulated protein silencing RNAs	Job hunting
Bahareh Hosseinpour	Doctoral (In progress)	Co-Supervised 2020 -	The biochemical characterization of a DNA aptamer targeting acute myeloid leukemia cells	ongoing
Myra Thapar	Doctoral (In progress)	Co-Supervised 2021 -	The role of cold shock proteins in fish freezing survival	ongoing
Stephanie Hewetson	Master's (Completed)	Supervised 2022 - 2024	Role of GRP78/BIP/HSP5A in hypoxic regulation of ER stress	Health Canada
Bhavya Mohan	High School Student (Completed)	Supervised 2016 - 2021	ABiTEs aptamers to bring killer T-cells to cancer cells	Undergraduate/Student Researcher, University of British Columbia/BC Cancer
Alison McVetty	Undergraduate (Completed)	Co-Supervised 2019 - 2020	Determination of post-translational modifications of NFE2L1 by 2-D gel electrophoresis	Job searching
Meriam Tayar	Undergraduate (Completed)	Supervised 2019 - 2020	The role of Osterix and hypoxia in bone homeostasis and disease	Dentistry, McGill University
Jason Kuipers	Undergraduate (Completed)	Supervised 2019 - 2020	Role of HIF in expression of NFE2L1 protein	Technical Officer, National Research Council Canada
Myra Thapar	Master's (Completed)	Co-Supervised 2021 - 2023	The role of cold shock proteins in fish freezing survival	Doctoral Student, Biology, Carleton University
Vanessa Gallo	Master's (Completed)	Co-Supervised 2020 - 2022	Development of antimicrobials against <i>Acinetobacter baumannii</i>	Technical Officer, National Research Council of Canada
Jessica Sheng	Master's (Completed)	Supervised 2019 - 2021	Cellular effects nanosilver on cancer and non-cancer cells: Potential environmental and human health impacts	Technical Officer, Health Canada
Matt Clinch	Master's (Completed)	Supervised 2019 - 2021	Role of NFE2L1 in ER stress in colon cancer cells	Scientific Training Specialist at AbCellera, British Columbia
Anand Chopra	Doctoral (Completed)	Co-Supervised 2018 - 2023	The role of KDM3A in oxygen sensing	Postdoctoral Fellow
Jacob Billingsley	Master's (Completed)	Supervised 2018 - 2020	The role of p53 in ER stress response	Research Technician I, Ottawa Health Research Institute, University of Ottawa
Kavleen Aulakh	Master's (Completed)	Co-Supervised 2015 - 2016	Laser stimulus in human neuroblastoma cell	unknown
Ramak Esfandi	Doctoral (Completed)	Co-Supervised 2017 - 2023	Antioxidant effects of peptides isolated from oat bran	Postdoctoral Fellow, University of Western Ontario
Dan Budiansky	Undergraduate (Completed)	Supervised 2016 - 2017	Effects of toxins on deacetylation of NFE2L1 by SIRT1	Incoming Neurosurgery Resident, University of Ottawa
Kim Birnie-Gauvin	Master's (Completed)	Co-Supervised 2015 - 2018	Oxidative stress and life history traits in brown trout in Denmark	Postdoctoral Researcher, DTU - Technical University of Denmark
Florian Gounin	Exchange Student From France (Completed)	Supervised 2016	Effects of hypoxia on PGC-1 α function in C2C12 muscle cells	Master's student, France
Emily Brown (b)	Undergraduate (Completed)	Supervised 2015 - 2018	Characterization of potential phosphorylation sites on NFE2L1	Master's student, University of Ottawa
Anand Chopra (b)	Undergraduate (Completed)	Supervised 2015 - 2018	Proteolytic processing of NFE2L1 by calpains.	Doctoral student, Carleton University
Ramak Esfandi	Master's (Completed)	Co-Supervised 2015 - 2017	Antioxidant and antiapoptotic properties of oat bran protein hydrolysates in AAPH-induced oxidative stress in HepG2 cells	Doctoral student, Carleton University

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Haiyun Bo	Master's (Completed)	Supervised 2016 - 2021	Effects of hypoxia on NFE2L1 function and cellular location	Biology Administration, Carleton University
Rowida Mohammed	Doctoral (Completed)	Supervised 2016 - 2021	Effects of endoplasmic reticulum stress on NFE2L1 function	Postdoctoral Fellow, University of Ottawa/Instructor, Carleton University
Mary Daniel	Master's (Completed)	Supervised 2014 - 2016	Effects of toxins on deacetylation of NFE2L1 by SIRT1	Publications Officer, Department of National Defence Canada
Jason Koppert (h)	Master's (Bio. Eng.) (Completed)	Co-Supervised 2014 - 2016	Development of an <i>in vitro</i> optical fibre real-time PCR device (with Spartan Bioscience, Ottawa)	Medical School, University of Toronto
Nafisa Jadavji	Research Associate (Completed)	Co-Supervised 2015 - 2018	Impact of methylenetetrahydrofolate reductase deficiency in primary neuronal and astrocyte cultures	Assistant Professor, Biomedical Sciences, Midwestern University, Arizona
Ryan Mailloux	Research Associate (Completed)	Co-Supervised 2013 - 2014	Effects of Northern contaminants on obese mice	Director, School of Human Nutrition, McGill University
Abdulrahman Almohaisen	Master's (Completed)	Supervised 2013 - 2015	Effects of Northern contaminants on obese mice	Lecturer, King Saud bin Abdulaziz University for Health Sciences, Saudi Arabia
Eman Hassan	Doctoral (Completed)	Co-Supervised 2013 - 2018	Development of an aptamer against mammaglobin B; a breast cancer target protein	Research Scientist, Health Canada
Jessica Taylor	Master's (Completed)	Co-Supervised 2012 - 2014	Transgenerational effects of oxidative stress in sockeye salmon	Technician, Biology Department, Carleton University
Shana Cameron (h)	Doctoral (Completed)	Co-Supervised 2013 - 2021	Oxidative stress caused by nanosilver	Safety Evaluator, Plant Health and Biosecurity, Canadian Food Inspection Agency
Katie Hill (formerly Wooding)	Master's (part-time) (Completed)	Co-Supervised 2013 - 2017	<i>In vitro</i> competitive binding assay to measure polybrominated diphenyl ethers	Scientific Evaluator III, Health Canada
Amit Scheer	Public School (Completed)	Supervised 2013-2014	Novel aptamer-nanotech treatments for cancer	high school student, Sanofi BioGENius Challenge
QiXuan (Charlie) Chen	Postdoctoral Researcher (Completed)	Co-Supervised 2011 - 2013	Effects of Northern contaminants on obese mice	Research Associate, Canadian Food Inspection Agency
Andrew Seal	Master's (Completed)	Supervised 2011 - 2013	Potential deacetylation of NFE2L1 by SIRT1	Teacher's College
Julia Gliwa	Master's (Completed)	Co-supervised 2011 - 2013	Antioxidant properties of alkylresorcinols in rye bran	Custom Biologics, Toronto
Maria Florian	CIHR Postdoctoral Researcher (In Progress)	Co-Supervised 2010 - 2013	Low density lipoproteins and adiponectin in mice treated with Northern contaminants	Research Associate, Ottawa Hospital Research Institute
Andrew Robinette	Master's (Completed)	Supervised 2010 - 2013	Effects of hypoxia on PGC-1 α function in C2C12 muscle cells	unknown
Jin Yan	Postdoctoral Researcher (Completed)	Co-supervised 2010 - 2011	Low density lipoproteins and adiponectin in rats treated with Northern contaminants	Health Canada, policy
Festus Iyuke	Master's (Completed)	Co-supervised 2010 - 2012	Computational predictions of post-translational modifications	unknown
Magdalena Bugno	Master's (Completed)	Supervised 2010 -	Role of apoptosis stimulating protein of p53 in hypoxia	Laboratory Technician, Sick Kids Hospital, Toronto
Saad Ulhaq	Master's (Completed)	Co-Supervised 2010 - 2012	Response of eNOS to heavy metal Northern contaminants	Account Manager, KOM Networks
Laziyan Mahemuti	Doctoral (Completed)	Co-Supervised 2011 -	Protein and gene responses to bisphenol A	Health Canada
Kathy Nguyen	Doctoral (part-time) (Completed)	Co-Supervised 2010-2015	Oxidative stress from quantum nanodots (cadmium telluride)	Health Canada
Samantha Wilson	Master's (Completed)	Co-Supervised 2011 - 2013	Oxidative stress in life history and capture and release of pacific salmon in British Columbia	Laboratory Manager, Simon Fraser University, Vancouver, British Columbia

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Gail MacDonald	Technician (Completed)	Supervised 2009 - 2011	Role of muscle form of pyruvate kinase and PIAS3 in hypoxia	National Cancer Institute of Canada, Clinical Trials Group, Kingston, Ontario
Nikita Rayne	Master's (Completed)	Co-supervised 2008 - 2010	Role of mutations in human CBS in glutathione synthesis	Accounting, Ottawa Hospital
Zhen Liu	Master's (Completed)	Co-supervised 2007 - 2009	Computational predictions of post-translational modifications	IBM, Ottawa
Xuena Yang	Master's (Completed)	Supervised 2007 - 2009	Protein interaction with HIF-1 α and role of Nat5 in hypoxia	Merck Sharp & Dohme (China) Co., Ltd., Regulatory Affairs Associate, Beijing, China
Remmick So (h)	Master's (Completed)	Supervised 2007 - 2009	Role of muscle form of pyruvate kinase in hypoxia	COO, Sussex Research
Jessica Cherith Bethune	Master's (Completed)	Supervised 2007 - 2009	Role of PIAS3 in hypoxia	Submission Coordinator, Health Canada
Eman Ahmed-Muhsin (b,d,i)	Master's (Completed)	Supervised 2007 - 2009	RNAi of CNOT8 in mammalian cells	Dentistry, McGill University, NSERC Canada Graduate Scholarship
Muluken Shambel Belew (e,f)	Master's (Completed)	Co-supervised 2006 - 2008	Role of homocysteine in glutathione production	Ph.D., Biochemistry, Microbiology & Immunology, University of Ottawa
Nikolai Chepelev (b,c,d,g,h)	Doctoral (Completed)	Supervised 2005 - 2011	Role of protein hydroxylation in adaptation to hypoxia	NSERC Visiting Postdoctoral Fellow, Health Canada
Agnieszka Bielecki (a)	Master's (Completed)	Supervised 2004 - 2006	Role of hypoxia in amyloid-precursor protein expression	Laboratory Technician, Health Canada, Ottawa
Ahmed Al-Ansari	Master's (Completed)	Supervised 2004 - 2006	Role of CO and NO in ALAS2 regulation	Ph.D., Biology, University of Ottawa
Mohamed Abu-Farha	Master's (Completed)	Supervised 2003 - 2005	Stabilization of erythroid-specific ALAS under hypoxia	Senior Research Associate, Dasman Diabetes Institute, Kuwait
Alexandru Chichirau	Master's (part-time) (Completed)	Co-supervised 2003 - 2008	Cytotoxicity of catechols in PC12 cells	QBM Cell Science, Ottawa
Mihaela Flueraaru (c,d)	Doctoral (Completed)	Co-supervised 2002 - 2006	Antioxidant properties of vitamin E analogs	Laboratory Coordinator, Level 10, Carleton University, NSERC Visiting Fellowship (declined)
Naomi Bose	Undergraduate (Completed)	Supervised 2014 - 2015	Effects of hypoxia on PGC-1 α function in C2C12 muscle cells	Medical School, University of Ottawa
Lisa Decotret	Undergraduate (Completed)	Supervised 2014 - 2015	Regulation of Nrf1 by ER stress	Master's, Department of Pathology and Laboratory Medicine, University of British Columbia
Eunnara Cho	Undergraduate (Completed)	Supervised 2014 - 2015	Modulation of Nrf1 by ER stress and the unfolded protein response	Ph.D., Biology, Carleton University, Health Canada
Jessie Thuswaldner	Undergraduate (Completed)	Supervised 2014 - 2015	Oxidative stress from elevated cortisol in smallmouth bass	Nursing, University of Ottawa
Haiyun Bo	Undergraduate (Completed)	Supervised 2014 - 2015	Activity of γ -glutamyltrans-peptidase during hypoxic stress	Undergraduate Administrator, Biology, Carleton University
Longfei Wang	Undergraduate (Completed)	Supervised 2014 - 2015	Purification and stabilization techniques for Taq polymerase	M.Sc., Biology, University of Toronto
Mercy Danquah	Undergraduate (Completed)	Supervised 2014 - 2015	Purification and stabilization techniques for Taq polymerase	Laboratory Volunteer, University of Ottawa
Owen Hovey	Undergraduate (Completed)	Supervised 2014 - 2015	Characterization of potential phosphorylation sites on Nrf1	Laboratory Technician, Health Canada
Peter Stolarski	Undergraduate (Completed)	Supervised 2014 - 2015	Effects of nanosilver on neuronal cells	Health Canada, Administration
Usman Khan	Undergraduate (Completed)	Co-supervised 2014 - 2015	Aptamer binding to MCF7 breast cancer cells	Medical School, University of Ottawa

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Andries Seldt	Undergraduate (Completed)	Co-supervised 2014 - 2015	Cloning and expression of mammaglobin B	Unknown.
Julia Kirby	Undergraduate (Completed)	Supervised 2013 - 2014	PGC-1 α function in response to hypoxia	M.Sc., Department of Physiology and Pharmacology, University of Western Ontario
Kelsey Mittlestadt	Undergraduate (Completed)	Supervised 2013 - 2014	PGC-1 α function in response to hypoxia	M.Sc. Department of Pharmacology, University of Toronto
Jason Koppert	Undergraduate (Completed)	Supervised 2013 - 2014	Development of an <i>in vitro</i> optical fibre real-time PCR device	M.Sc. (Bio. Eng.), Carleton University
Marzieh Sarmadi	Undergraduate (Completed)	Supervised 2013 - 2014	Oxygen-dependent modification of ASPP proteins	unknown
Qian Wang	Undergraduate (Completed)	Supervised 2013 - 2014	Novel acetylation sites in Nrf1 and their regulation by SIRT1	M.Sc., Department of Biochemistry, University of Alberta
Thao Nguyen	Undergraduate (Completed)	Supervised 2013 - 2014	Role of erythropoietin in neuroprotection during hypoxia	M.Sc., Department of Chemistry, University of Ottawa
James Podrebarac	Undergraduate (Completed)	Co-supervised 2013 - 2014	MUC-1 aptamer binding to MCF-7 cells	M.Sc., Department of Parasitology, McGill University
Trisha Mackie	Undergraduate (Completed)	Supervised 2010 - 2012	Oxidative stress in aging (spawning) salmon	Doctorate of Veterinary Medicine, University of Guelph
Skye McBride	Undergraduate (Completed)	Supervised 2010 - 2012	Effects of hypoxia on NFE2L1 function and the Antioxidant Response	RCMP
Arran McBride	Undergraduate (Completed)	Supervised 2010 - 2012	DNA damage in mice exposed to air particulate toxins	M.D.
Kendra Young	Undergraduate (Completed)	Supervised 2011 - 2012	Hydroxylation of activators and inhibitors of p53	B.Sc., Biology, Carleton University
Samantha Wilson (b,h)	Undergraduate (Completed)	Co-supervised 2009 - 2011	The effects of parental care in fish on oxidative stress parameters	M.Sc., Carleton University, NSERC Canada Graduate Scholarship
Timothy Beaudoin	Undergraduate (Completed)	Supervised 2009 - 2010	Dimeric and tetrameric forms of pyruvate kinase in hypoxia	Unknown
Noor Ahmed-Muhsin (b)	Undergraduate (Completed)	Supervised 2007 - 2009	Role of succinate semialdehyde dehydrogenase in hypoxia	Dentistry, University of Toronto
Julia DiLabio (b)	Undergraduate (Completed)	Supervised 2008 - 2009	Effects of hypoxia on huntingtin expression	MD program, University of Toronto
Erika Langley	Undergraduate (Completed)	Co-supervised 2009 - 2010	Infectious progeny viruses produced by mumps strains	Unknown
Praveeni Perera	Undergraduate (Completed)	Co-supervised 2008 - 2009	Effects of methylmercury on antioxidant parameters in mammals	MBA program, Sprott School of Business, Carleton University
Guang Shi	Undergraduate (Completed)	Co-supervised 2008 - 2009	A new substrate for human fatty acid desaturase in cell lines	M.Sc., Biochemistry, University of Toronto
Jason Weiss	Undergraduate (Completed)	Supervised 2008	Role of Hypoxia Response Element in Alzheimer's	MDS Nordion, Ottawa
Joshua Bennitz (b)	Undergraduate (Completed)	Supervised 2007 - 2008	Antioxidant Response Element function in hypoxia	MD program, University of Toronto
Ioana Nicolau (b)	Undergraduate (Completed)	Supervised 2007 - 2008	Role of neuronal nitric oxide synthase in hypoxia	Technical Assessment Unit (TAU) Epidemiologist, McGill University
Subhra Mohapatra (b)	Undergraduate (Completed)	Supervised 2007 - 2008	Role of hypoxia response element in Alzheimer's	MD program, St. George University, Grenada
Aishwarya Ramakrishnan	Undergraduate (Completed)	Supervised 2007 - 2008	Role of endothelin converting enzyme-1 in hypoxia	Laboratory Technician, Dept. Microbiology & Immunology, Dalhousie University
Amelia Ng	High School (Completed)	Supervised 2006	Lab maintenance and some experiments	Carleton University undergraduate, Biochemistry
Richard Harris	Undergraduate (Completed)	Supervised 2006	RNAi of HIF-1 α in mammalian cells	Ph.D., Biology, University of Guelph

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Edward Chouchani	Undergraduate (Completed)	Co-supervised 2006	Hypoxic induction of fatty acid desaturases in yeast	Postdoctoral Fellow, University of Cambridge, England
Shannon Shamsuzzhoa	Undergraduate (Completed)	Supervised 2005 - 2006	Molecular modeling of human prolyl hydroxylases	Fisher Scientific, Inc., Ottawa
Xin Chen	Undergraduate (Completed)	Supervised 2005 - 2006	Redox regulation of glucose-6-phosphate dehydrogenase activity	M.Sc., Pharmaceutical Sciences, University of Toronto
Jacques Niles	Technician (Completed)	Supervised 2004 - 2005	Glutathione status under hypoxic conditions	DNA Genotek, Kanata, Ontario
Suzanne Ferguson	Undergraduate (Completed)	Co-supervised 2005 - 2006	Role of POP2 in hypoxic signal transduction	M.Sc., Biochemistry, Microbiology & Immunology, University of Ottawa
Youser Al-Ali	Undergraduate (Completed)	Supervised 2006	Glutathione synthesis under hypoxic conditions	Unknown
Connie Zhang	Undergraduate (Completed)	Supervised 2005 - 2006	RNAi of HIF-1 alpha in mammalian cells	Unknown
Leonid Chepelev	Undergraduate (Completed)	Co-supervised 2005 - 2006	Disruption of electron transfer by quinone compounds in isolated mitochondria	M.D. Program, University of Ottawa
Jinghua Huang	Undergraduate (Completed)	Supervised 2004 - 2005	Oxidative modification of yeast glutathione reductase	Palcan Fuel Cells Ltd., Vancouver
Ping Ping Tong	Undergraduate (Completed)	Supervised 2004	Cloning and tagging of human Redox Factor-1 (REF-1)	Singvax Pte. Ltd., Singapore
Tarek Abd El Halim (b)	Undergraduate (Completed)	Supervised 2004	Role of glutathione reductase in hypoxia survival	M.D./Ph.D. program, University of Toronto
Vanessa Abd El Halim (b)	Undergraduate (Completed)	Supervised 2004	Determination of intracellular ROS using dichlorofluorescein	M.D. program, University of Ottawa
Dawn Jurgens (b)	Undergraduate (Completed)	Supervised 2003 - 2004	Gamma-glutamyltranspeptidase function under hypoxia	M.Sc., Biochemistry, Microbiology & Immunology, University of Ottawa
Sandra Mortimer (b)	Undergraduate (Completed)	Supervised 2003 - 2004	Function of Antioxidant Response Element (ARE) under hypoxia	logen Corporation, Ottawa
Sharon Husak (b)	Undergraduate (Completed)	Supervised 2003 - 2004	Role of hypoxia in APP expression and Alzheimer's disease	Ph.D., Chemistry, University of Toronto
Jason O'Brien	Undergraduate (Completed)	Co-supervised 2003 - 2004	Dioxin-responsive gene expression in chicken embryos	M.Sc., Biology, University of Ottawa
Christina Kavanagh	Undergraduate (Completed)	Supervised 2003 - 2004	Role of peroxiredoxins in cellular survival of hypoxia	Unknown
Christopher Jackson (b)	Undergraduate (Completed)	Supervised 2003	Cloning and tagging of human protein disulfide isomerase	Nelson Education, Toronto
Jason McEwan	Undergraduate (Completed)	Supervised 2002 - 2003	Hypoxia-inducible carbonic anhydrases in rainbow trout	M.Sc., Business, University of Ottawa
Justin Soriano	Undergraduate (Completed)	Supervised 2002 - 2003	Role of glutaredoxin in cellular survival of hypoxia	Syn-X Pharma, Toronto
Mathew Hendry	Undergraduate (Completed)	Supervised 2002 - 2003	Cloning and tagging of human glutathione reductase	Biosense Webster (Johnson & Johnson), Ontario Heart Institute, Ottawa
Mitra Tabatabaie Azad (b)	Undergraduate (In Progress)	Supervised 2002 - 2003	Glutathione status in hypoxic mammalian cell lines	Unknown
Amira Sultan (b)	Undergraduate (Completed)	Supervised 2003	Lipid peroxidation under low oxygen conditions	M.Sc., Pharmaceutical Sciences, University of Toronto
Suufi Rirash	Undergraduate (Completed)	Supervised 2003	Role of glutathione peroxidase in cell survival of hypoxia	St. Lawrence River Institute of Environmental Sciences, Cornwall
Farin Hassam	Undergraduate (Completed)	Supervised 2002 - 2003	Glutathione status of K562 cells exposed to hypoxia	Health Law Institute, University of Alberta
Hiree Abdi	Undergraduate (Completed)	Supervised 2002	Glutathione reductase function in hypoxic COS7 cells	B.Sc., Commerce, University of Toronto
Sherif Elsaraj	Undergraduate (Completed)	Supervised 2002 - 2003	Role of superoxide dismutase in cellular survival of hypoxia	Dentist, The Hope Dental Care Centre, Kanata

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