**TEACHING AND EDUCATION REPORT**

**Michael Ohh, PhD**

1. **TEACHING PHILOSOPHY**

**Undergraduate teaching:**

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**Graduate student supervision and mentorship:**

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**Postdoctoral fellowship:**

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1. **TEACHING LANDMARKS**

**Teaching and Education Awards**

|  |  |
| --- | --- |
| 2016  | Excellence in Undergraduate Teaching in Life Sciences, Faculty of Medicine, University of Toronto |
| 2011 | Graduate Teaching Award, Department of Laboratory Medicine and Pathobiology, Faculty of Medicine, University of Toronto |

**Innovations and Development in Teaching and Education**

**Administrative Service in Education**

1. **UNDERGRADUATE TRAINING**

I am the course coordinator of a 3rd year undergraduate course called Neoplasia (2002-present). I was awarded the Department of Laboratory Medicine and Pathobiology Teaching Award for Undergraduate Education in 2006.

LMP365H1 Neoplasia 20L,6P: Course Catalogue Description

(Coordinator: Dr. M. Ohh, Tel: 416-946-7922, Email: michael.ohh@utoronto.ca)

A general introduction to the cellular and molecular aspects of cancer and its etiology. The laboratory component presents the range of benign and malignant tumor types at the gross and histological levels. Pathophysiology of cancer, invasion and metastases, role of the immune system.

**Undergraduate Courses Taught:**

|  |  |
| --- | --- |
| Year: | 2002-present |
| Course: | Neoplasia ((LMP365H1) |
| Department/ Faculty: | Laboratory Medicine and Pathobiology, Faculty of Medicine |
| Role: | Course coordinator, lecturer |
| # of Hours: | 26 hours |

**Undergraduate Project and Summer Research Students:**

|  |  |
| --- | --- |
| Name: | Jacky Chung |
| Department/ Faculty: | Laboratory Medicine and Pathobiology |
| Date: | May – August 2002 (summer student)May 2003 – April 2004 (4th year research project course) |
| Project:  | Posttranslational modification of pVHL |
| Awards: | * Canada Graduate Scholarship-Canadian Institutes of Health Research Doctoral Award Life Science Award
* 1st prize for best poster/presentation in the Departmental Summer Research Symposium
 |
| Current Position: | Graduate Student, Department of Medical Genetics, Faculty of Medicine, University of Toronto |

1. **GRADUATE TRAINING**

I am a full Member in the Graduate Faculty of the Department of Laboratory Medicine and Pathobiology (2001-present).

**Graduate Courses Taught:**

|  |  |
| --- | --- |
| Year: | 2009-2010 |
| Course: | Neoplasia (LMP1013H) |
| Department/ Faculty: | Laboratory Medicine and Pathobiology, Faculty of Medicine |
| Role: | lecturer, marked student research proposal assignments related to cancer biology |
| # of Hours: | 2 hours |

|  |  |
| --- | --- |
| Year: | 2009-2010 |
| Course: | Cellular and Molecular Mechanisms of Disease (LMP1404H) |
| Department/ Faculty: | Laboratory Medicine and Pathobiology, Faculty of Medicine |
| Role: | lecturer, marked student research proposal assignments related to cancer biology |
| # of Hours: | 2 hours |

**Research Supervision:**

**Current Graduate Students:**

|  |  |
| --- | --- |
| Name: | Andrew M. Roberts |
| Program: | Direct entry PhD |
| Department/ Faculty: | Laboratory Medicine and Pathobiology |
| Date: | September 2005 – present |
| Thesis:  | Role of pVHL in apoptosis |
| Awards: | * Terry Fox Foundation Research Studentship: Top ranked student and recipient of the Canadian Cancer Society Harold E. Johns Studentship Award (2009-present)
* Natural Science and Engineering Research Council of Canada Scholarship (2005-2009)
 |

**Former Graduate Students:**

|  |  |
| --- | --- |
| Name: | Ian R. Watson\* |
| Program: | Direct entry PhD |
| Department/ Faculty: | Laboratory Medicine and Pathobiology |
| Date: | September 2004 - July 2010 |
| Thesis:  | Posttranslational modifications of the p53 family members |
| Awards: | * CIHR Fellowship (2011-2014)
* CIHR-Canada Graduate Scholarship Doctoral Award (2006-2010)
* RESTRACOMP, Hospital for Sick Children (2005-2006)
* University of Toronto Open Fellowship (2004)
 |
| Current Position: | Postdoctoral fellow, Dana-Farber Cancer Institute and Harvard Medical School |

\*Co-supervised with Dr. Meredith S. Irwin (Canada Research Chair) at the Hospital for Sick Children

**Graduate Committees:**

|  |  |
| --- | --- |
| Name: | Raj Lehal |
| Program: | MSc |
| Department/ Faculty: | Laboratory Medicine and Pathobiology |
| Supervisor: | Dr. Eldad Zacksenhaus |
| Role:  | Thesis advisory committee member |
| Date: | May 2004 - January 2007 |
| Thesis:  | Role of D-type cyclins in breast cancer downstream of PTEN |

**Graduate Examinations:**

|  |  |
| --- | --- |
| Name: | Christopher Koth |
| Program: | PhD |
| Department/ Faculty: | Medical Genetics |
| Supervisor: | Drs. James Friesen and Aled Edwards |
| Role: | Extra-departmental examiner |
| Date: | March 27, 2002 |
| Thesis:  | Elongin from Saccharomyces cerevisiae |

1. **POSTGRADUATE TRAINING**

 **Lectures:**

|  |  |
| --- | --- |
| Date: | July 2003 |
| Title | Molecular insights into the von Hippel-Lindau disease. |
| Institution: | Urology Research Rounds, University Health Network, Toronto, Ontario, Canada |

**Research**

**Current Postdoctoral Fellows:**

|  |  |
| --- | --- |
| Name: | Severa Bunda, PhD |
| Department/ Faculty: | Laboratory Medicine and Pathobiology |
| Date: | September 2009 – present |
| Thesis:  | Role of VHL in metastasis |
| Awards: | * CIHR/Kidney Cancer Canada Fellowship (2011-2014)
 |

**Former Postdoctoral Fellows:**

|  |  |
| --- | --- |
| Name: | Frederik Roos, MD |
| Department/ Faculty: | Laboratory Medicine and Pathobiology |
| Date: | April 2008 - May 2010 |
| Thesis:  | Role of oxygen-sensing pathway in papillary renal cell carcinoma  |
| Current Position: | Assistant Professor, Staff Urologist, Medical School Johannes Gutenberg University, Mainz, Germany |

1. **EDUCATIONAL ADMINISTRATION**
* Research Awards Committee Member, Faculty of Medicine, University of Toronto (2011-present)
* Search Committee Member, Anne and Max Tanenbaum Chair in Molecular Medicine at the Hospital for Sick Children
* Department of Laboratory Medicine and Pathobiology Chair Search Committee Member
* Department of Laboratory Medicine and Pathobiology/Faculty of Medicine Tenure Review Committee
* Department of Laboratory Medicine and Pathobiology Tenure-stream Faculty Search Committee
* Ad hoc reviewer for Department of Laboratory Medicine and Pathobiology faculty promotion applications
* Co-organizer, Department of Laboratory Medicine and Pathobiology Invited Speaker Series in Molecular Pathobiology (2003-present)