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# pathology

A T A G L A N C E



Department of Pathology & Laboratory Medicine

Faculty of Medicine, UBC



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Dr. Richard Hegele & Dr. Haydn Pritchard with Path 500 students

# From the Department Head

Richard Hegele, MD, FRCPC, PhD

“Pathology at a Glance” provides an overview of the Department’s administration education and research activities for 2006-2007, and I would like to highlight some of the achievements and changes that have taken place in the Department since our last publication.

The Department continues to be successful in attracting research funding and received \$13,278,407 for the 2006-2007 year, and publications have increased 50% overall for refereed publications, non-refereed publications, books and other works.

We have been successful in recruiting 13 faculty, and have promoted 27 faculty members.

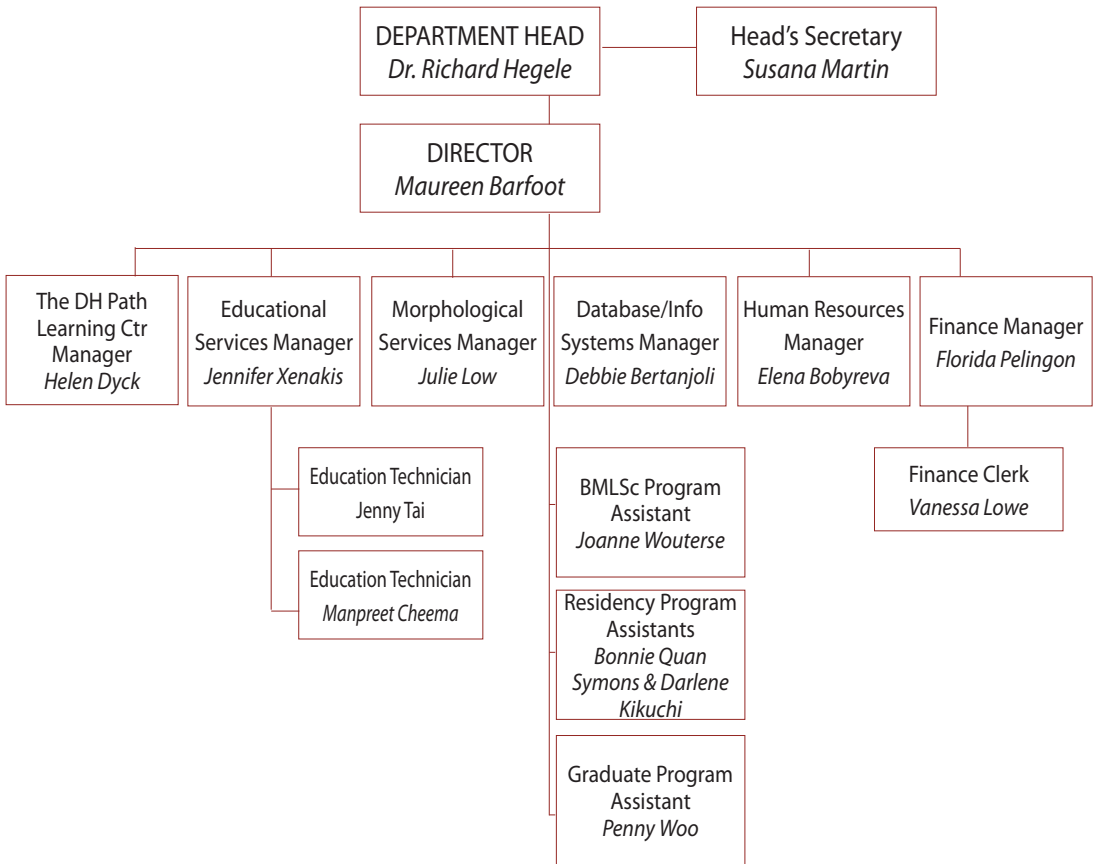
Enrollment in all educational programs has increased due to both the medical school expansion and Bachelor of Medical Laboratory Science Program. The Postgraduate Residency Program was reviewed this year, and was successful in obtaining accreditation.

I would like to take this opportunity to acknowledge the support of all faculty and staff whose dedication and hard work have contributed to the overall success of the Department of Pathology and Laboratory Medicine.

ORGANIZATION

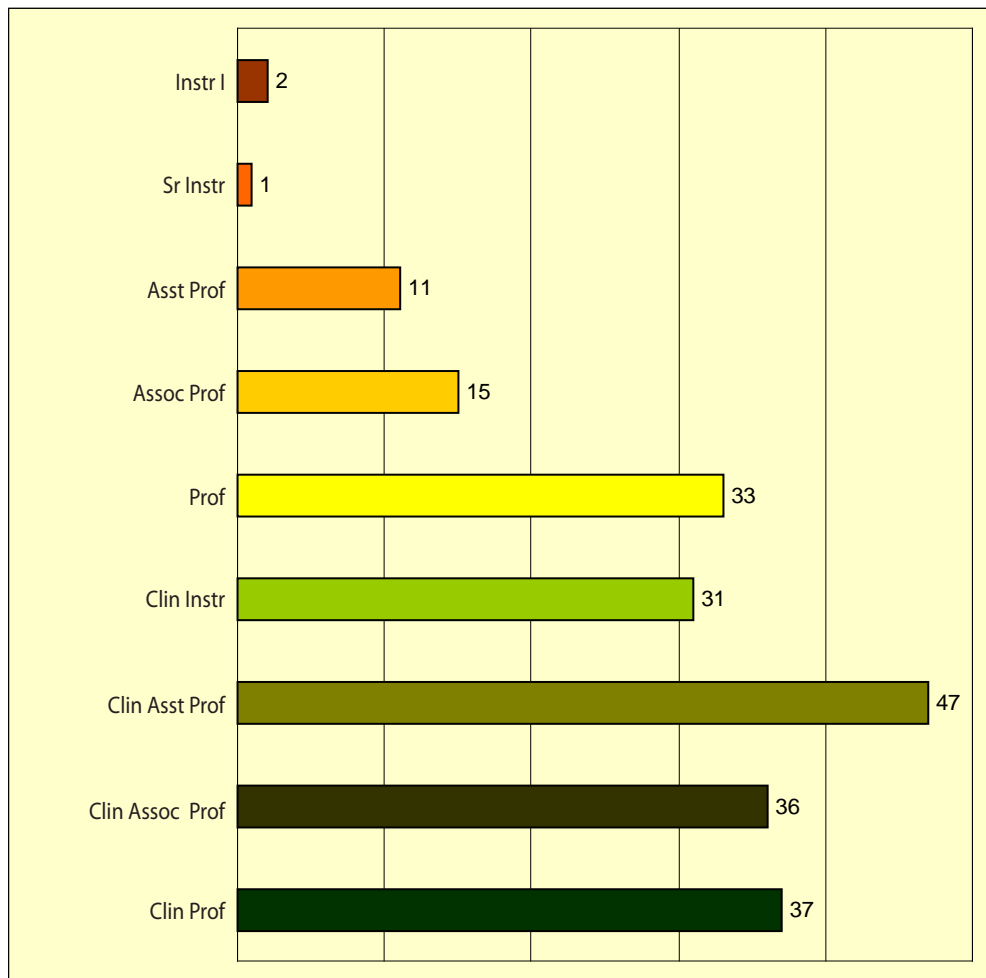
SECTION I

THE UNIVERSITY OF BRITISH COLUMBIA  
DEPARTMENT OF PATHOLOGY & LABORATORY MEDICINE



# Faculty

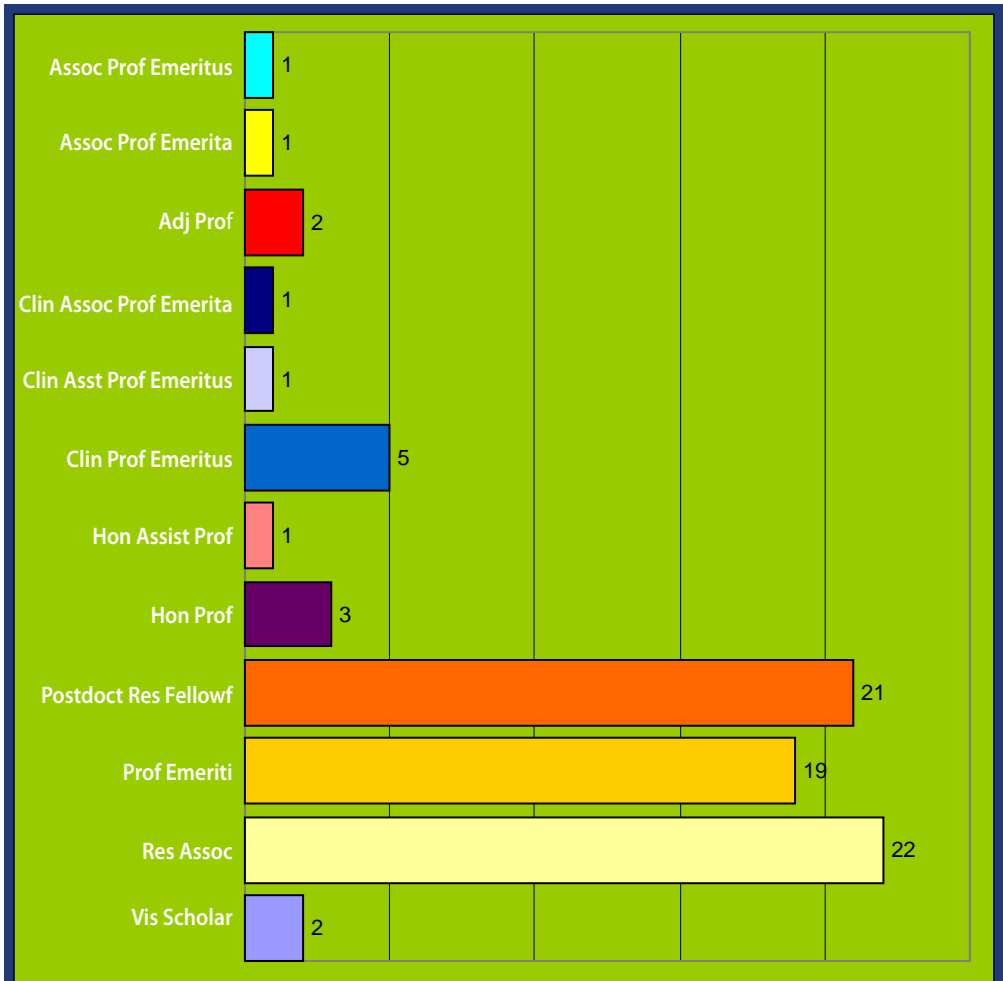
•TOTAL: 213





# Faculty

•TOTAL: 67

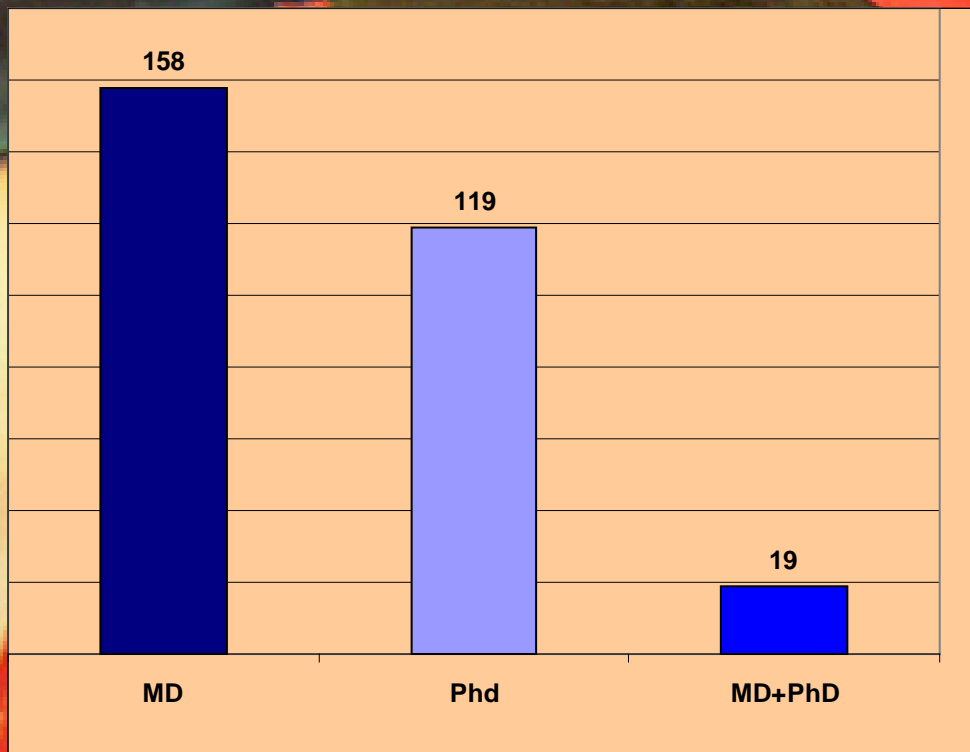


# Tenure and Grant Tenure

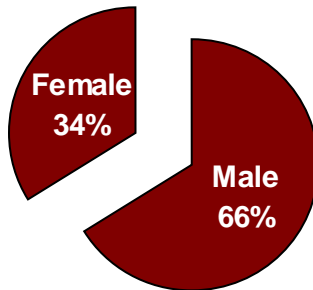
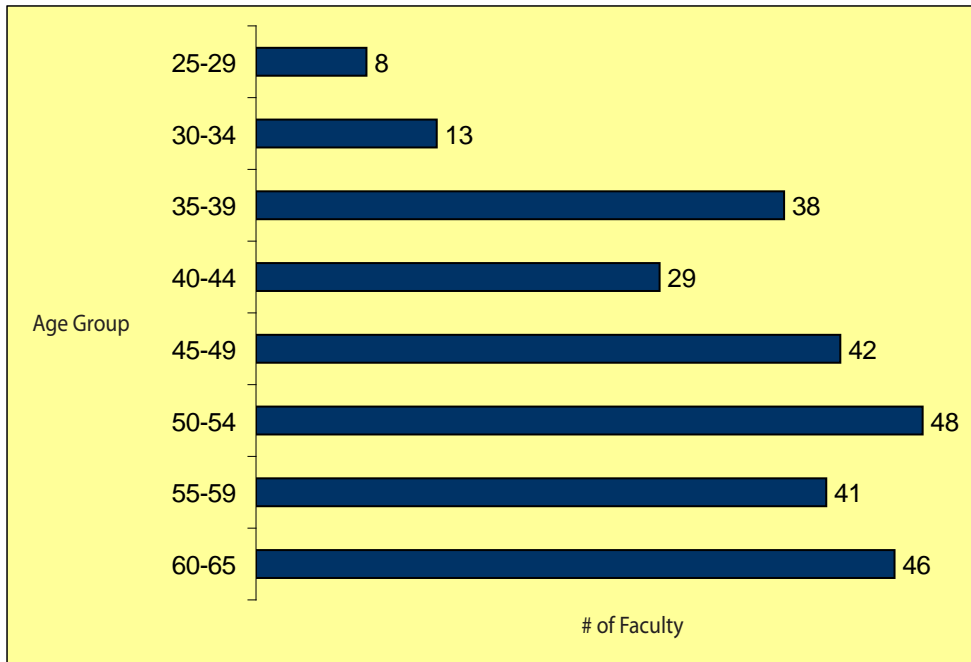
|                                 |           |
|---------------------------------|-----------|
| # of tenure-track faculty       | 7         |
| # of grant tenure-track faculty | 10        |
| # of tenured faculty            | 11        |
| # of grant-tenured faculty      | 41        |
| <b>Total</b>                    | <b>69</b> |



## Degrees: MD & PhD



# Faculty by Age





## Employee Groups

|  |     |
|--|-----|
| Faculty with Review (Clinical Faculty)     | 151 |
| Faculty with Review (Academic Faculty)     | 64  |
| Secreterial/Clerical (CUPE 2950)           | 7   |
| Management/Professional                    | 14  |
| Non-Union Technician & Research Assistants | 71  |
| Non-Union (Co-op Students)                 | 10  |
| Student Services Appointees                | 54  |

# Geographic Sites

## UBC Teaching Hospital

- a) BC Children's Hospital
- b) BC Women's Hospital
- c) Lion's Gate Hospital
- d) Prince George General Hospital
- e) Richmond General Hospital
- f) Royal Columbian Hospital
- g) Royal Jubilee Hospital
- h) St. Paul's Hospital
- i) Sunny Hill Health Centre for Children
- j) UBC Hospital & Urgent Care Centre
- k) Vancouver General Hospital
- l) Victoria General Hospital

# Affiliation with UBC Research Institutes & Centres

## **A) Providence Health Care Research Institute**

- i) BC Centre Of Excellence For HIV/AIDS
- ii) James Hogg iCAPTURE Centre For Cardiovascular And Pulmonary Research
- iii) Healthy Heart Program / Lipid Clinic
- iv) Centre For Health Evaluation And Outcome Sciences

## **B) BC Cancer Research Centre**

- i) Advanced Therapeutics
- ii) Cancer Control Research
- iii) Cancer Endocrinology
- iv) Cancer Genetics
- v) Developmental Biology
- vi) Cancer Imaging
- vii) BC Cancer Agency's Trev & Joyce Deeley Research Centre

viii) BC Cancer Agency's Michael Smith Genome Sciences Centre

ix) Medical Biophysics

x) Molecular Oncology and Breast Cancer Program

xi) Terry Fox Laboratory

xii) Tumour Tissue Repository

xiii) Prostate Cancer Research Program

## **C) British Columbia Centre for Disease Control (BCCDC)**

i) UBC Centre for Disease Control

## **D) Vancouver Coastal Health Research Institute**

i) Jack Bell Research Centre - Hosts collaboration GPEC group

ii) Skin Care Centre

iii) Arthritis Centre

iv) Eye Care Centre

v) The Prostate Centre

vi) Clinical Microbiology Proficiency Testing Program (CMPT)



- vii) BRAIN Research Centre
- viii) International Science of Soft Surfaces & Interfaces Project
- ix) Centre for Blood Research
- x) CFI Laboratory for Molecular Biophysics

## **E) Child & Family Research Institute (CFRI)**

- i) Centre for Microbial Diseases & Host Defense Research
- ii) Centre for Molecular Medicine and Therapeutics (CMMT)
- iii) Centre for Nutrition Research
- iv) Centre for Growth and Development
- v) Centre For Community Health And Health Evaluation
- vi) Centre For Community Child Health Research
- vii) BC Injury Research And Prevention Unit
- viii) Clinical Research Support



## Assignable Space (sq ft)

| <b>Department Assignable Space (sq ft)</b> |                |                 |                 |                 |
|--|----------------|-----------------|-----------------|-----------------|
| <b>Site</b>                                | <b>Office</b>  | <b>Wet Lab</b>  | <b>Other</b>    | <b>Total</b>    |
| C & W                                      | 1375.85        | 4183.75         | 1589.24         | 7148.84         |
| St. Paul's Hospital                        | 1846.60        | 290.60          | 1951.10         | 4088.30         |
| UBC Hospital                               | 3002.09        | 6518.30         | 4989.56         | 14509.95        |
| VGH  | 1222.19        | 3064.66         | 4081.35         | 8368.20         |
| <b>Total</b>                               | <b>7446.73</b> | <b>14057.31</b> | <b>12611.25</b> | <b>34115.29</b> |

EDUCATION

S E C T I O N I I

## Medical Undergraduate Pathology Teaching

|                          | # of<br>Instructors | # of Hours | # of Students |
|--------------------------|---------------------|------------|---------------|
| Lectures                 | 41                  | 58.5       | 536           |
| CPCs - large groups      | 27                  | 71.5       | 536           |
| CPCs - small groups      | 66                  | 416        | 536           |
| PBL/DPAS                 | 23                  | 1032       | 536           |
| Electives and selectives |                     | N/A        | 20            |

## Bachelor of Medical Laboratory Science Program

|  |      |
|--|------|
| Number of Students                           | 46   |
| BMLSc program courses                        | 14   |
| BMLSc Course Credits signed up for in 2005   | 1242 |
| Instructors (Faculty, technologists, others) | 61   |
| Lecture hours                                | 679  |
| Other types of Instruction - hours           | 244  |

## Basic Science Undergraduate Course

| Course   | # of credits | # of students |
|--|--------------|---------------|
| Path 375 –Intro Pathology  | 3            | 204           |
| Path 417- Bacterial infections   | 3            | 20            |
| Path 437 - Virology  | 3            | 23            |
| Path 427 - Basic Principles of Infection Control                                 | 3            | 34            |
| Path 451 - Clerkship in Laboratory Medicine and Infection Prevention and Control | 3            | 6             |
| Path 467 - Basic Microbiology for Infection Control                              | 3            | 18            |
| Path 477 - Basic Epidemiology for Infection Control                              | 3            | 8             |
| <b>Total</b>   | <b>21</b>    | <b>313</b>    |

## Graduate Studies

| Program of study | Students  |
|------------------|-----------|
| Masters          | 33        |
| PhD              | 60        |
| MD/PhD           | 3         |
| <b>Total</b>     | <b>96</b> |
| # of supervisors | 54        |



Dr. David Walker with graduate students



## Residency Program

| Program                     | Residents |
|-----------------------------|-----------|
| Anatomic Path/ General Path | 19        |
| Clinical Biochemistry       | 2         |
| Medical Microbiology        | 3         |
| Hematopathology             | 4         |
| Neuropathology              | 0         |
| PGY1                        | 5         |
| Transfusion Medicine        | 1         |
| Total                       | 34        |
| Clinical Fellows            | 0         |

7 residents are externally funded

# Continuing Professional Development

| Program  | # of participants |
|--|-------------------|
| Continuing Medical Education (Practical Pathology at Whistler) | 65                |
| Laboratory Quality Control                                     | 29                |
| Infection Control Certificate                                  | 34                |
| <b>Total</b>   | <b>128</b>        |



Pathology Day 2006: Reception and Dinner at Green College, UBC Campus

# Special Yearly Event

## Pathology Day 2006

### Keynote speakers:

Dr. Julia Levy, PhD, D.Sc., FRSC, OC, Founder and Former President and CEO Executive Chairman, Scientific Advisory Board, QLT Inc

Dr. Richard N. Kitsis, MD, Professor of Medicine and Cell Biology, The Dr. Gerald and Myra Dorros Chair in Cardiovascular Disease, Chief, Division of Cardiology, Director, Cardiovascular Research Center, Albert Einstein College of Medicine

|  |    |
|--|----|
| oral presentations by residents/trainees and graduate students | 14 |
| # of posters   | 80 |

### Awards for Best Oral Presentations:

**Residents:** Carol Lee, Billy Teng

**Undergrad/Grad students:** Gavin Tansley, Lindsay Brown

### Awards for Best Poster Presentations:

Bradley Coe, Jerry Wong, Hoa Le, Leah Prentice

### Faculty Recognition and Awards:

Excellence in Education Award: Dr. Amanda Bradley and Dr. Vicky Monsalve

Award for Excellence in Service: Dr. Jiri Frohlich

Excellence in Research and Discovery: Dr. Cheryl Wellington

Lifetime Achievement Award: Dr. William Godolphin

Most Valuable Player Award: Dr. Gillian Lockitch

RESEARCH

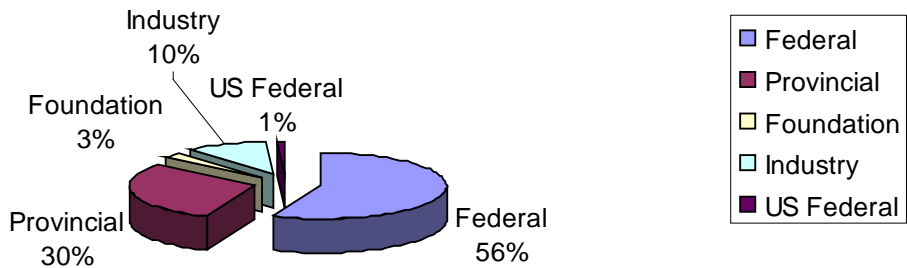
S E C T I O N I I I

# Research Grants Funding Sources

## F / Y 2006-2007

| Research Awards Funding Sources (\$) |                        |
|--------------------------------------|------------------------|
| Federal                              | \$7,436,053.00         |
| Provincial                           | \$3,955,256.00         |
| Foundation/Societies                 | \$354,935.00           |
| Industry                             | \$1,374,376.00         |
| US Federal                           | \$157,787.00           |
| <b>Total</b>                         | <b>\$13,278,407.00</b> |

*Funding administered by UBC Office of Research Services*

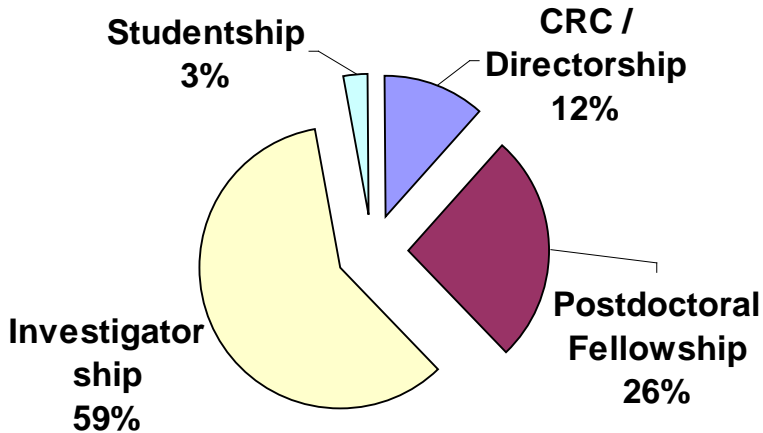


# Personnel Awards

## 2006-2007

| Personnel Awards (\$)   |                |
|-------------------------|----------------|
| CRC/Directorship        | \$215,000.00   |
| Postdoctoral Fellowship | \$484,393.00   |
| Investigatorship        | \$1,094,426.00 |
| Studentship             | \$52,247.00    |
|                         |                |

*Funding administered by UBC Office of Research Services*



# Publications

## 2006-2007

| Published Work                   |            |
|----------------------------------|------------|
| <b>Refereed Publications</b>     | <b>498</b> |
| <i>journals</i>                  | 415        |
| <i>conference proceedings</i>    | 83         |
| <b>Non-refereed Publications</b> | <b>91</b>  |
| <i>journals</i>                  | 22         |
| <i>conference proceedings</i>    | 69         |
| <b>Books</b>                     | <b>23</b>  |
| <i>edited</i>                    | 1          |
| <i>chapters</i>                  | 22         |
| <b>Patents</b>                   | <b>5</b>   |
| <b>Other Works</b>               | <b>116</b> |
| <i>conference proceedings</i>    | 11         |
| <i>abstracts</i>                 | 105        |

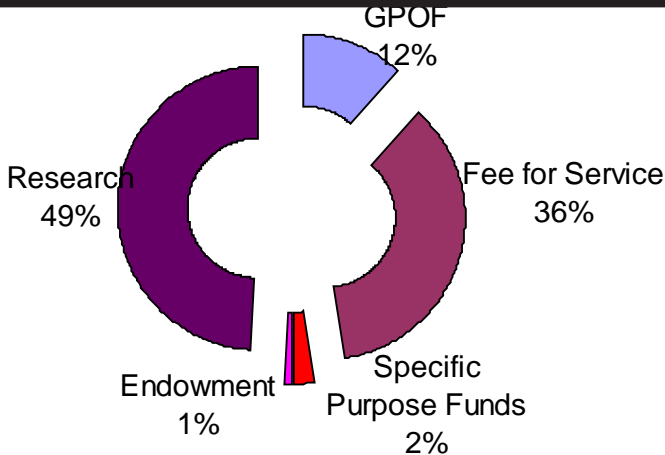
# REVENUES & BUDGET

## S E C T I O N I V



# Department Funds 2006-2007

| Funds (\$)             |                        |
|------------------------|------------------------|
| GPOF                   | \$3,148,485.00         |
| Fee for Service        | \$9,781,719.39         |
| Specific Purpose Funds | \$607,688.76           |
| Endowment              | \$197,830.00           |
| Research               | \$13,278,407.00        |
| <b>Total</b>           | <b>\$27,014,130.15</b> |





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