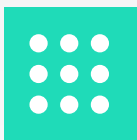




a place of mind

THE
UNIVERSITY
OF BRITISH
COLUMBIA



EDUCATION



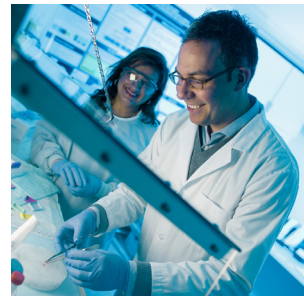
FINANCE



AWARDS



RESEARCH



PATHOLOGY AT A GLANCE

2013 - 2014

CONTENTS

ORGANIZATION

01. A Message from the Head	03
02. Organizational Chart	04
03. Department Assignable Space	05
04. Faculty and Staff	06
05. Faculty by Medical Program and Site	08
06. UBC Affiliated Clinical Academic Facilities	09
07. Faculty Awards	10

RESEARCH

01. Research Grant Funding Sources	14
02. Personnel Awards	14

EDUCATION

01. BMLSc Program	12
02. Medical Undergraduate Teaching	12
03. Undergraduate Courses	12
04. Residency Programs	12
05. Continuing Professional Development	12
06. Graduate Studies	13

REVENUE AND BUDGET

01. Department Funds	15
----------------------	----

UBC Department of Pathology and Laboratory Medicine Presents:

2014 Pathology Arts Gala Arts *in* Science

Friday, June 27, 2014

6:30PM-8:30PM

Doors open at 6:00PM

UBC Medical Student Alumni Centre

2750 Heather Street

All proceeds will be donated to Arts Umbrella

For ticket information, please contact ktsai@cfri.ca

Ticket Prices: \$5 Students
\$7 Faculty
\$10 At the door
Appetizers and 2 complementary drink tickets included



Long & McQuade
MUSICAL INSTRUMENTS



A Message from the Head



Michael Allard BSc MD FRCPC
Professor and Head
Department of Pathology and Laboratory Medicine
University of British Columbia

The Department of Pathology and Laboratory Medicine at UBC is a hybrid, clinically and academically intensive Department within the UBC Faculty of Medicine, whose activities span a broad spectrum of teaching, research, and academic service, often performed in the milieu of clinical practice.

The UBC Department of Pathology and Laboratory Medicine offers academic degree programs at the bachelor's (Bachelor of Medical Laboratory Science, BMLSc) and graduate (MSc, PhD) levels and provides or participates in undergraduate and graduate education of students in other departments, faculties, and schools. The department also plays a major role in professional education, including accredited residency (post-graduate) training programs of the Royal College of Physicians and Surgeons of Canada, education of allied health professions, and continuing professional development and education of existing practitioners.

The department is home to many of British Columbia's premier investigators whose work spans the entire spectrum of scholarly activity that includes basic investigative research, translation and integration of discoveries and innovations into practice,

clinical and applied research, and development of innovative ways of teaching pathology to trainees and practitioners.

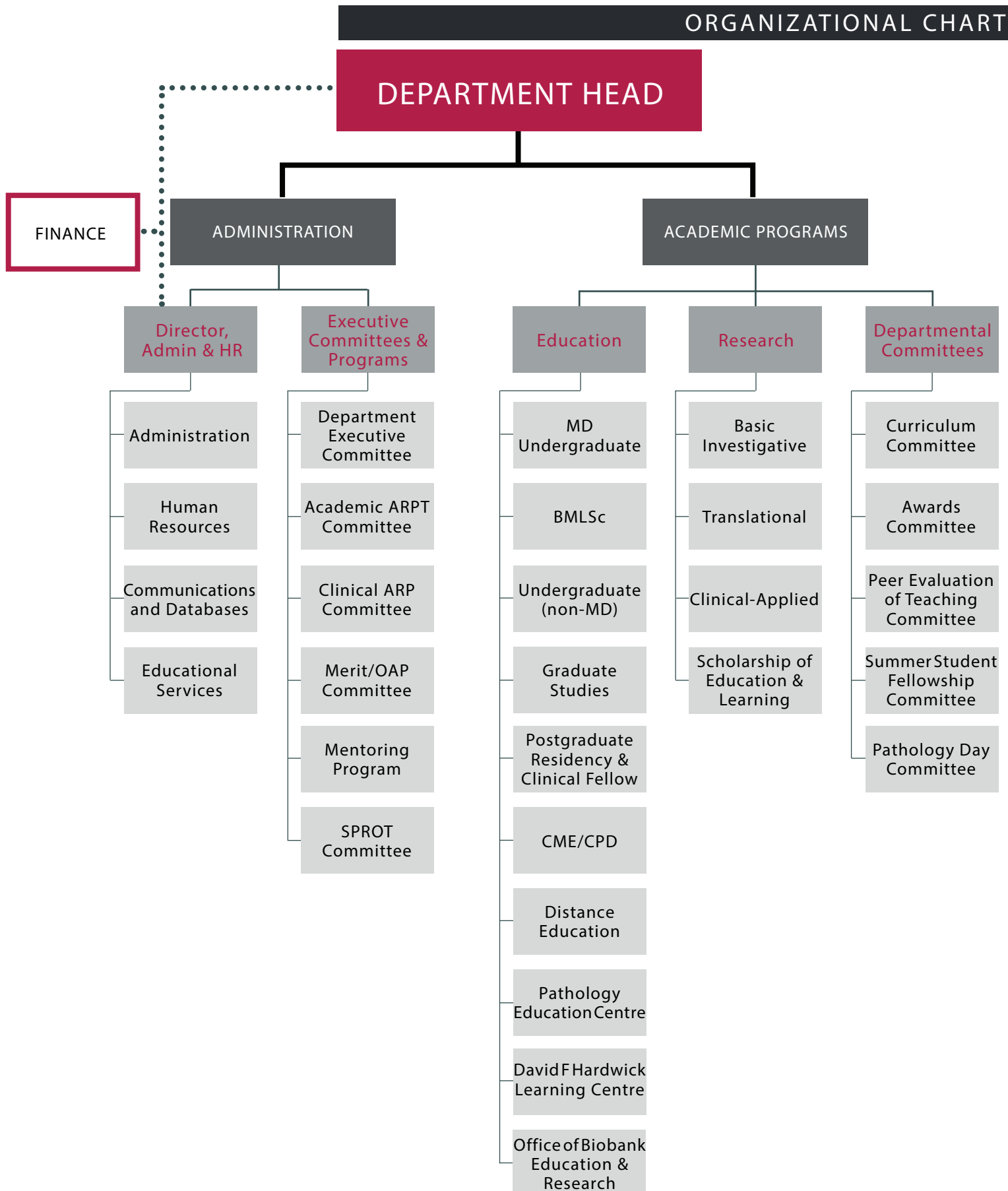
Faculty members and administrative staff of the department are extremely active in academic services of the department, the Faculty of Medicine, and external organizations and, in many instances, hold key leadership positions. Leadership and involvement in academic service provide essential support for all departmental activities and serves as a key enabling function.

Clinician specialists in pathology from the department are also intimately involved in patient care providing critical diagnostic, interpretive, and consultative support to practitioners and clinical programs at UBC affiliated health care facilities as well as elsewhere in Canada and the world.

A characteristic feature common to all these activities of the UBC Department of Pathology and Laboratory Medicine is knowledge, where members of the department play a fundamental role in the pathway of knowledge from its creation to its dissemination, integration, application, and interpretation with the ultimate goal to improve the care, treatment, and well-being of patients.

Mary

ORGANIZATIONAL CHART



UBC-AFFILIATED
PATHOLOGY & LABORATORY
MEDICINE DIAGNOSTIC
SERVICES

General
Pathology

Anatomic
Pathology

Neuropathology

Hematopathology

Transfusion
Medicine

Medical
Biochemistry

Medical
Microbiology

Pediatric
Pathology

Genetic
Pathology

Cytopathology

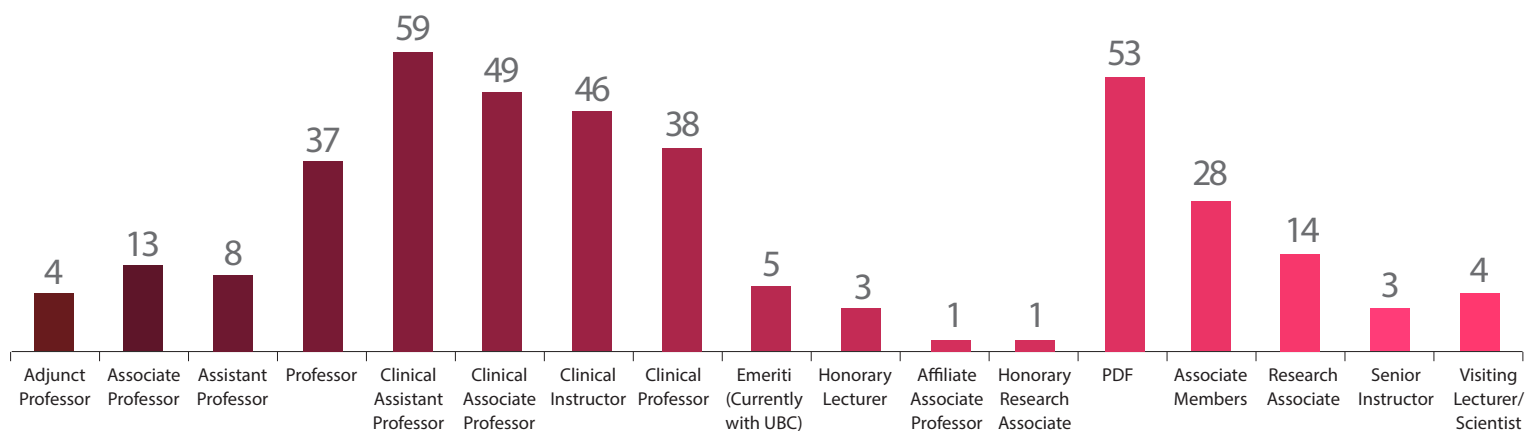
DEPARTMENT ASSIGNABLE SPACE

01	St. Paul's Hospital	Burrard Building	93.00 sqft
		Providence Wing	2149.70 sqft
02	BC Children's and Women's Hospital	Ambulatory Care Building	106.63 sqft
		Children's & Women's	6,297.23 sqft
03	UBC Hospital	Koerner Pavilion	1,6325.70 sqft
		Purdy Pavilion	1,339.57 sqft
04	Vancouver General Hospital	GLDHCC	2,179.30 sqft
		Jim Pattison Pavilion	7,534.38 sqft
		Total	36,025.51



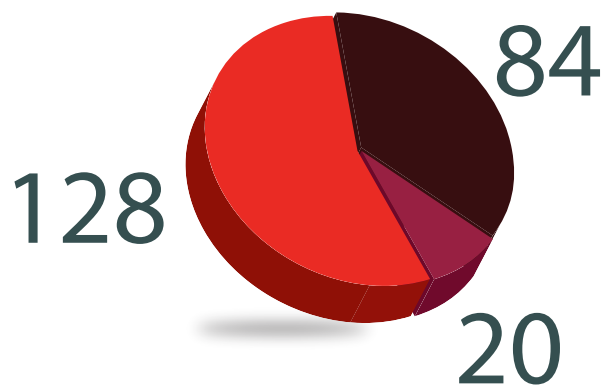
FACULTY BY RANK

Total: 338 (+ 28 Associate Members)



DEGREES: MD & PhD

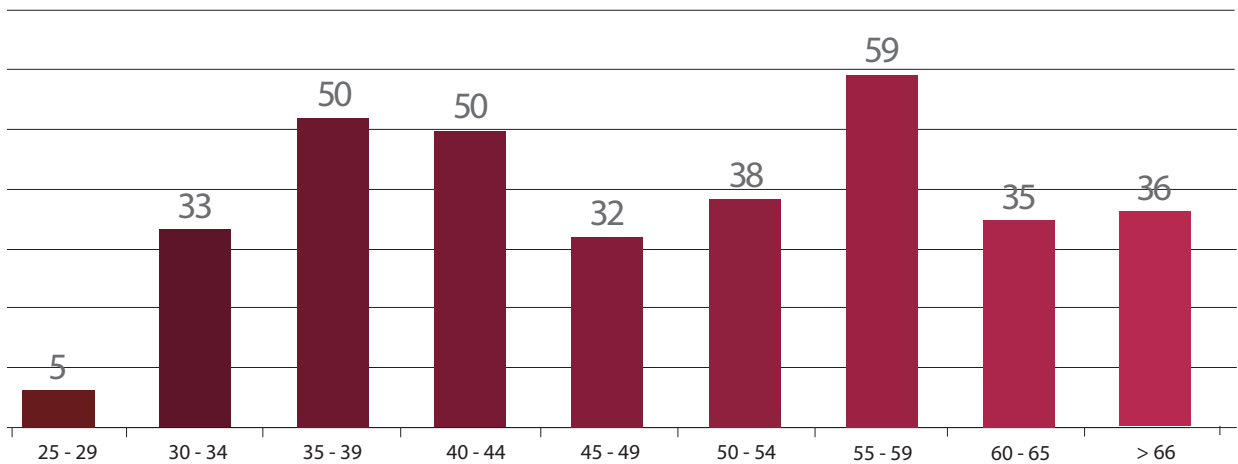
Excluding: PDF, Research Associate, Associate Members & Visiting Members





FACULTY BY AGE GROUP

Total: 338 (excluding Associate Members)



EMPLOYEE GROUPS

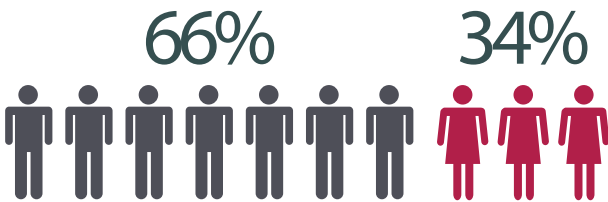
2013 - 2014

Clinical Faculty	192
Academic Faculty	58
Adjunct	4
PDF, Research Associates & Visitors	71
Emeriti (Currently with UBC)	5
Honorary	8
Secreterial/Clerical (CUPE 2950)	10
Management and Professional	25
Non-Union Technicians & Research Assistants	65



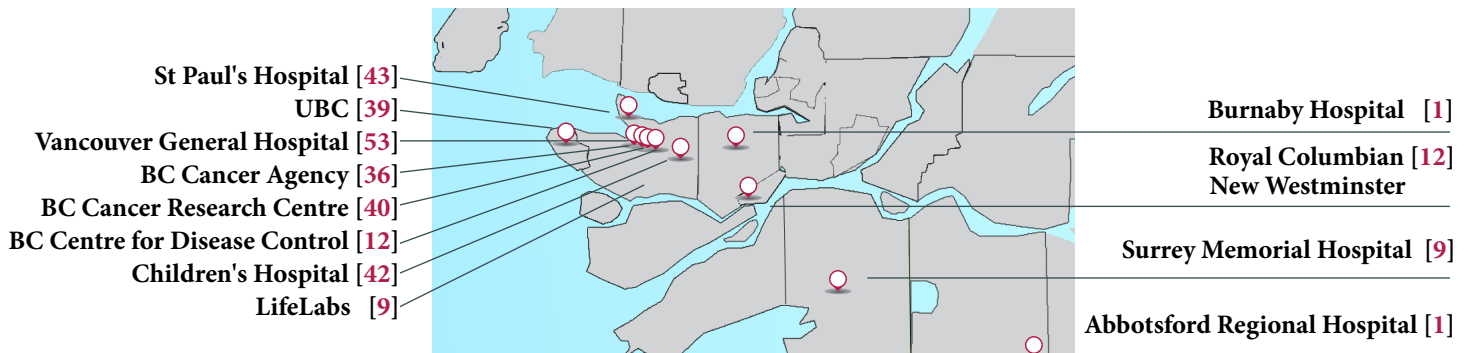
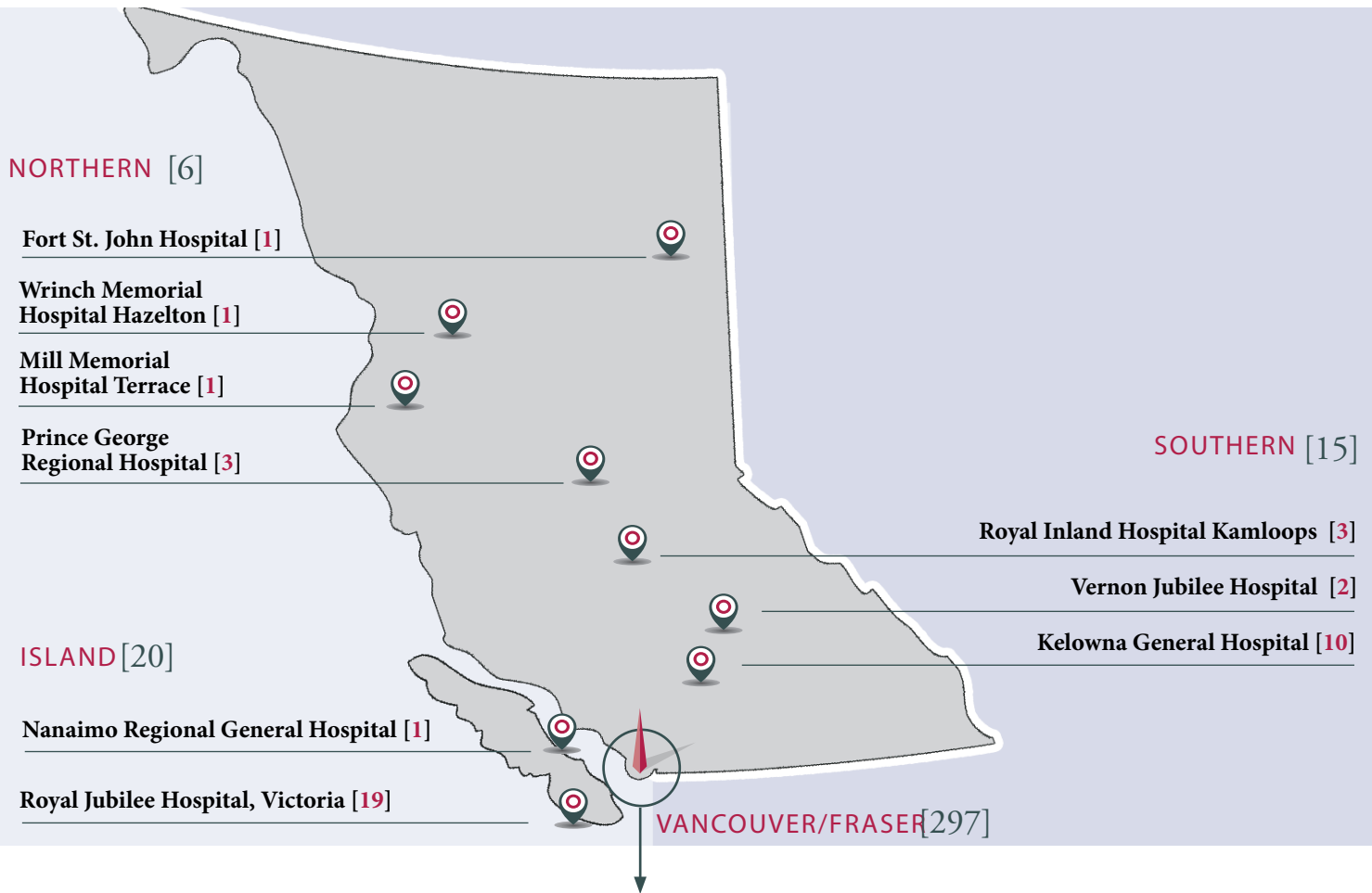
FACULTY MEMBERS BY SEX

» MALE: 223 » FEMALE: 115



FACULTY BY MEDICAL PROGRAM & SITE

Excluding Associate Members and Emeriti





UBC AFFILIATED CLINICAL ACADEMIC FACILITIES

2013 - 2014

CLINICAL ACADEMIC CAMPUSES

01. BC Children's and Women's Hospital
02. BC Cancer Agency-Vancouver
03. Vancouver General Hospital and related facilities
04. St. Paul's Hospital
05. Royal Columbian Hospital
06. Surrey Memorial Hospital
07. Royal Jubilee Hospital
08. Victoria General Hospital
09. Kelowna General Hospital
10. University Hospital of Northern BC

UBC AFFILIATED RESEARCH CENTRES

01. Biomedical Research Centre
02. Brain Research Centre
03. Centre for Blood Research
04. Centre for Molecular Medicine and Therapeutics
05. ICORD
06. BC Centre for Disease Control
07. Centre for Heart and Lung Innovation
08. BC Cancer Research Centre

AFFILIATED REGIONAL CENTRES

01. Lion's Gate Hospital
02. Richmond Hospital
03. Abbotsford Regional Hospital and Cancer Centre
04. Chilliwack General Hospital
05. Royal Inland Hospital, Kamloops
06. Vernon General Hospital
07. Penticton General Hospital
08. Nanaimo Regional Hospital
09. Island Affiliated Regional Centres
(*Campbell River, Comox, Duncan*)

COMMUNITY EDUCATION FACILITIES

01. Burnaby General Hospital

UBC AFFILIATED RESEARCH INSTITUTES

01. Child and Family Research Institute
02. Providence Health Care Research Institute
03. Vancouver Coastal Research Institute



Some of our award recipients



FACULTY AWARDS 2013

Our Faculty continue to be recognized with prestigious international, national and provincial awards and honours, which is an indication of excellence in research, education and service/leadership to the profession. The following faculty members were recognized in 2013:

EXTERNAL AWARDS 2013

Name	Rank	Affiliation	Name of Award/Prize	Agency	Category
BROOKS, DONALD	Professor	Centre for Blood Research	2013 Blood Safety Innovation Award	TerumoBCT Inc.	Research
FORD, JASON	Associate Professor	BCCH/BCWH	Canadian Association of Pathologists Leadership in Education Award	Canadian Association of Pathologists	Education
HOGG, JAMES	Professor Emeritus	SPH	Canada Gairdner Wightman Award	Gairdner Foundation	Research
HUNTSMAN, DAVID	Professor	BCCA	William E. Rawls Award	Canadian Cancer Society	Research
ISAAC-RENTON, JUDITH	Professor	BCCDC	Gen-Probe Joseph Public Health Award, American Society for Microbiology	American Society for Microbiology	Service
NIELSEN, TORSTEN	Professor	VCHRI/BCCA	Bernard and Francine Dorval Prize (Canadian Cancer Society Young Investigator Award), 2013	Canadian Cancer Society	Research
QUANDT, JACQUELINE	Assistant Professor	Brain Research Centre	Donald Paty Career Development Award	Multiple Sclerosis Society of Canada	Research
SHAH, SOHRAB	Assistant Professor	BCCRC	Canadian Research Chair	Government of Canada	Research
VERCHERE, BRUCE	Associate Professor	CFRI	Queen Elizabeth II Diamond Jubilee Medal	Presented by the Canadian Diabetes Association (CDA) from the Governor General of Canada	Research
YIP, STEPHEN	Assistant Professor	VCHRI	Mentored Clinician Scientist Award	VCHRI	Research
YIP, STEPHEN	Assistant Professor	Interdisciplinary Oncology Program	2012 Jeremy Jass Prize for Research Excellence in Pathology	The prize was awarded in 2014 at the USCAP meeting	Research



DEPARTMENT OF PATHOLOGY AND LABORATORY MEDICINE AWARDS 2013

Name	Rank	Affiliation	Name of Award/Prize	Category
APARICIO, SAMUEL	Professor	BCCA	Award for Excellence in Research and Discovery	Research
GODOLPHIN, WILLIAM	Professor Emeritus	UBC Hospital	Award for Excellence in Education	Education
PARK, CAROL	Senior Instructor Emerita	UBC Hospital	David Hardwick Lifetime Achievement Award (Golden Bow Tie Award)	Service/Leadership
PUDEK, MORRIS	Clinical Professor	VGH	Teaching Excellence	Education
SINCLAIR, GRAHAM	Clinical Associate Professor	BCCH	Award for Excellence in Service	Service/Leadership

FOM/UBC AWARDS 2013

Name	Rank	Affiliation	Name of Award/Prize	Agency	Category
APARICIO, SAMUEL	Professor	BCCRC	Distinguished Achievement Award for Overall Excellence – Senior Faculty	FoM	Research
CRAWFORD, RICHARD	Clinical Professor	VGH	Clinical Faculty Award for Career Excellence in Clinical Teaching	FoM	Education
FORD, JASON	Associate Professor	BCCH/BCWH	UBC MUS Undergraduate Society William A. Webber Award	UBC Medical Undergraduate Society	Education
FORD, JASON	Associate Professor	BCCH/BCWH	UBC MUS Teaching Excellence Award	UBC MD Class of 2015	Education
GILKS, C. BLAKE	Professor	VGH	UBC Killam Research Price	Office of the Vice President Research, UBC	Research
HAYES, MALCOLM	Clinical Professor	BCCA	Clinical Faculty Award for Career Excellence in Clinical Teaching	FoM	Education
KIZHAKKEDATHU, JAY	Associate Professor	UBC	Distinguished Achievement Award - Excellence in Basic Science Research	FoM	Research
NIMMO, MICHAEL	Clinical Associate Professor	VGH	Killam Teaching Prize	FoM	Education
SHAH, SOHRAB	Assistant Professor	BCCRC	Distinguished Achievement Award (Overall Excellence - Early Career category)	FoM	Research

BMLSc PROGRAM

The Bachelor of Medical Laboratory Science (BMLSc) is an undergraduate science degree in the Faculty of Medicine:

Number of Students	47
BMLSc Program Courses	14
Instructors (Faculty, Technologists, Others)	81
Lecture Hours	980
Other types of Instruction - hours	250

UNDERGRADUATE COURSES

Course	#Credits	#Students
Path 375 – Intro Pathology	3	58
Path 417 – Bacterial infections (may be taken as 3 credits with instructor permission)	3	25
Path437/Micb407	3	20
Path 427 – Basic Principles of Infection Control	3	18
Path 451 – Clerkship in Laboratory Medicine and Infection Prevention and Control	3	18
Path 467 – Basic Microbiology for Infection Control	3	17
Path 477 – Basic Epidemiology for Infection Control	3	15
Path 438 – Directed Studies	6	10
Total	27	181

MEDICAL UNDERGRADUATE TEACHING

Years 1&2	# of Instructors	# Hours
Lectures	42	97
Small Group CPC	46	316
PBL Contribution	17	686
Year 4	# of Students	# Weeks
Electives/Selectives	34	126

RESIDENCY PROGRAM

Wide variety of specialties and areas of practice that medical residents may consider to pursue:

Program of Study	Residents
Anatomical Pathology	19
General Pathology	6
Neuropathology	4
Hematopathology	7
Medical Microbiology	5
Medical Biochemistry	3
Transfusion Medicine	2
Fellows	2

PROFESSIONAL ADVANCEMENT LEARNING SERIES

Date	Title	Speaker
Dec 13	Pathology departments file for bankruptcy protection!!!!	Shafik Dharamsi
Nov 15	Let's talk integrity	Susan Porter & Jacqui Brinkman
Oct 18	I have an idea!! ... now what?	Alaka Chatterjee
Sept 20	Big data: hype or reality? How data driven approaches are changing medical practice and beyond	Peter White
Jun 28	To copy, or not to copy, that is the question: the rules have changed again. Make sure your talk is still legal!	Jonathan Strang
May 31	When media interviews go wrong practical skills for media relations	Brian Lin
May 3	Scholarly publishing – sudden impact and the day after tomorrow	Michael Blades
Apr 5	Is ethics review required?	Sarah Bennett & Suzanne Richardson
Mar 8	So you want to be a media darling? Introduction to media relations	Brian Lin
Feb 8	“Wow! That was unprofessional!” [and how to avoid that]: Professionalism in science and medicine	Carey McBeth
Jan 11	Taking care of learning: feedback	Callie Bland

GRADUATE STUDIES

Graduate Studies at the Department of Pathology and Laboratory Medicine offers three degree programs:

Program of Study	Students
Masters	28
PhD	41
MD/PhD	5
Total	74
# of Supervisors	42

GRADUATE STUDIES COURSES

01. **PATH 500** part 1 - Foundations of Histopathology
02. **PATH 500** part 2 - Current Topics in Pathology Research
03. **PATH 547** - Molecular Biology and Experimental Pathology
04. **PATH 535/635** - Graduate Studies Seminar (GSS)
05. **PATH 518B/MEDI 560** - Pulmonary Pathophysiology
06. **PATH 530** - Nutrition and Metabolic Aspects of Human Disease
07. **PATH 531/MEDG 521** - Molecular and Cell Biology of Cancer
08. **PATH 521** - Introduction to the Pathogenesis of Human Disease
09. **PATH 548Q** - Directed Studies: Human Pathology
10. **PATH 570/MEDI 570** - Cardiovascular Pathophysiology

In 2013, the Office of the Vice-President presented the Peter Larkin Award for Student Development to the Department of Pathology and Laboratory Medicine Graduate Student Program in recognition of outstanding contributions to the student's experience and learning environment at UBC.

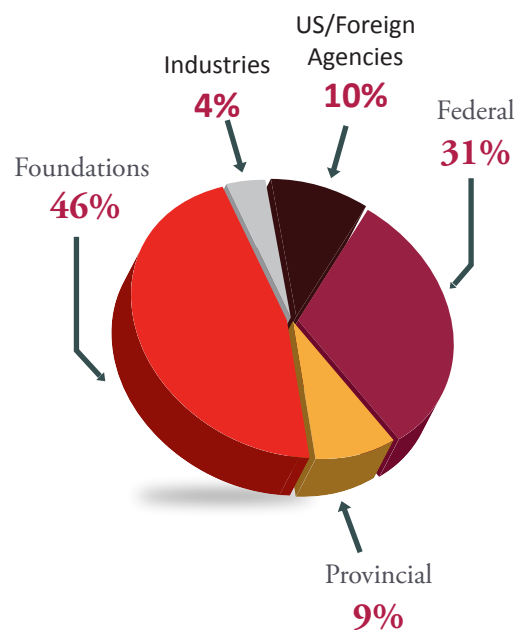


Photo from the 2013/2014 Awards Ceremony; Melissa Glier, PhD Student, Aleya Abdulla, Graduate Program Assistant, Dr. Haydn Pritchard, Graduate Advisor, Hélène Côté, Associate Professor and Dr. Michael Allard, Professor and Head

RESEARCH GRANT FUNDING SOURCES

F/Y 2013-2014

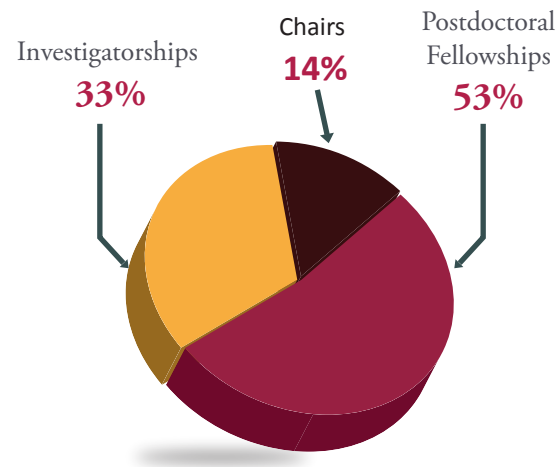
	Description	Amount
US/Foreign Agencies	Funds from US institution i.e. DOD, JDRF	\$2,095,442.99
Federal	Funds from Canadian Federal gov't i.e. Tri-Council	\$6,484,848.41
Provincial	Funds from Provincial government i.e. Genome BC, the Province of BC, MSF	\$1,850,896.84
Foundations	Funds from Non-Profit organizations i.e. BC Cancer Foundation, CFRI, MS Society, Terry Fox Fdn, VGH Fdn	\$9,451,361.35
Industries	Funds from private companies	\$837,024.43
Total		\$20,719,574.02



PERSONNEL AWARDS

F/Y 2013-2014

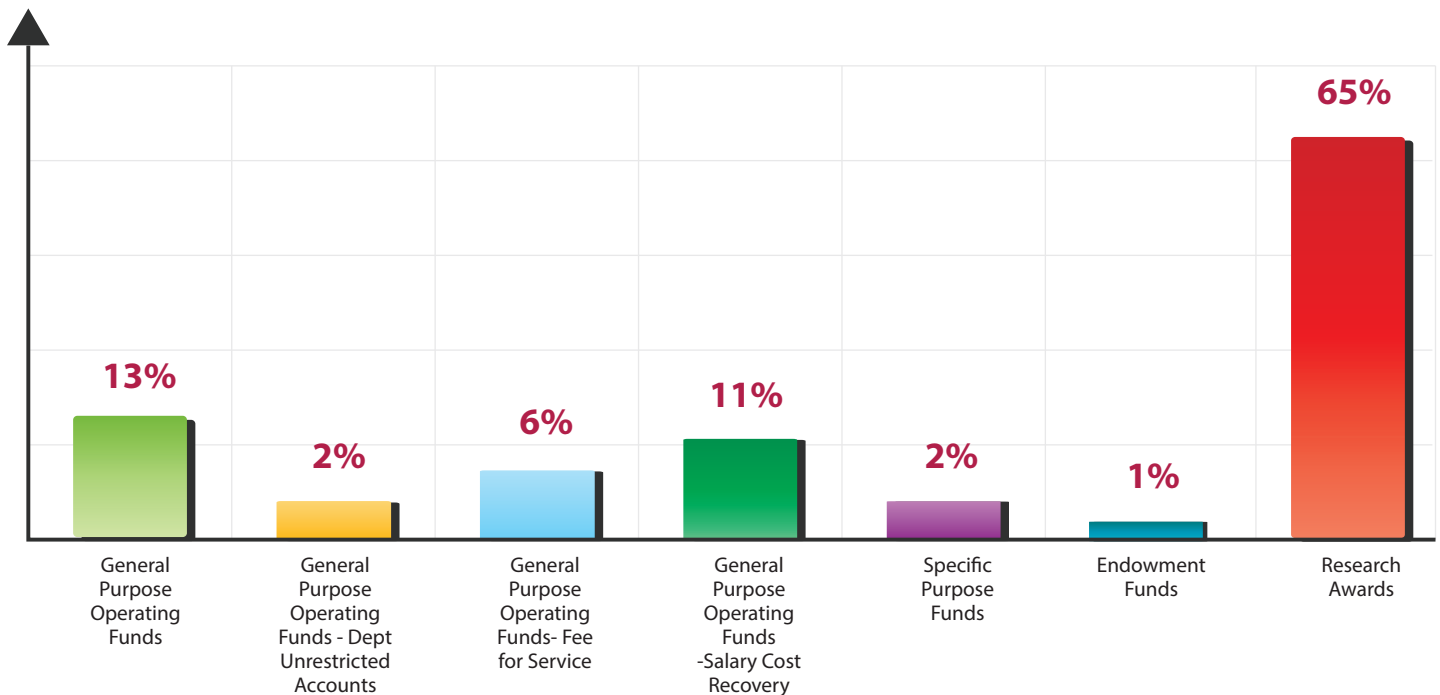
	Description	Amount
Chairs	Salary awards from Chairs i.e. CRC, Johal	\$269,500.00
Postdoctoral Fellowships	Salary awards for Postdoc fellows from various granting agencies	\$1,017,998.00
Investigatorships	Salary award for Faculty Members from various granting agencies	\$645,133.34
Total		\$1,932,631.34



DEPARTMENT FUNDS

F/Y 2013-2014

	Description	Amount
General Purpose Operating Funds	Budget from Faculty of Medicine	\$4,169,336.00
General Purpose Operating Funds - Dept Unrestricted Accounts	Funds generated from Departmental Unrestricted Funds i.e. Overhead, External Funds	\$520,765.73
General Purpose Operating Funds - Fee for Service	Revenue generated from Fee for Service accounts	\$1,836,942.58
General Purpose Operating Funds - Salary Cost Recovery	Funds recovered for salaries by bill back arrangement with partner institutions	\$3,547,941.07
Specific Purpose Funds	Funds from PGME, contracts and agreements	\$668,457.33
Endowment Funds	Funds generated from endowed capital	\$257,055.00
Research Awards	Funds awarded to individuals or groups from various research granting agencies	\$20,719,574.02
Total		\$31,720,071.73



DEPARTMENT OF PATHOLOGY & LABORATORY MEDICINE
UNIVERSITY OF BRITISH COLUMBIA