



The University of British Columbia

DEPARTMENT OF PSYCHIATRY
FACULTY OF MEDICINE

Children's and Women's Health Centre
Greater Vancouver Mental Health Service Society
Riverview Hospital
St. Paul's Hospital
Vancouver Hospital & Health Sciences Centre

ANNUAL REPORT 1998

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Department of Psychiatry

University of British Columbia

MISSION STATEMENT

The Department of Psychiatry, Faculty of Medicine, UBC, is an academic department dedicated to the advancement and dissemination of knowledge pertaining to mental disorders, through the provision of exemplary clinical care, teaching, and research.

The department promotes excellence in patient care and in the provision of mental health services through its affiliated clinical programs.

The department is committed to providing leadership in the field of mental health in the province of British Columbia.

The department is dedicated to compassionate and ethical behavior in patient care, teaching, and research.

The department actively fosters cooperative and collegial relationships amongst its members.

HEAD'S REPORT

Our department is large and complex. Clinical programmes and services and bed side teaching at the undergraduate and postgraduate level are spread from UBC campus to Riverview Hospital and include VHHSC, St. Paul's Hospital, Children's & Women's Health Centre, and GVMHS.

Individually and through our divisions we provide training and conduct research in all areas relevant to mental health, from the molecular to community oriented health care delivery. Members of our department are nationally and internationally known for their contributions and expertise in molecular neuroscience, brain imaging, psychogenetics, sexual medicine, the classification of personality disorders, the psychopathology, pathophysiology, treatment of major psychiatric disorders, and psychotherapy research. Rather than outlining and, therefore, singling out some of the outstanding contributions and achievements by members of our department during 1998, I would like to report on some of the initiatives I have undertaken in my role as department head.

My primary objectives for this year were a) to reaffirm our commitment to community oriented service, education, and research and to enable the department to provide leadership in the field of mental health for the province of British Columbia, and b) to increase communications and improve relationships between hospital sites and strengthen the ties between the members of our department in order to develop a common approach to fulfilling our mission.

I believe we made significant progress toward both areas. As to the first objective, there was considerable effort which culminated recently in the appointment of Dr. Elliot Goldner as Director of Mental Health Evaluation and Community Consultation Unit, MHECCU, (formerly CUPPL) and Head, Division of Community Mental Health and the successful negotiation of a sizable core contract with the Ministry of Health, providing for a total of three new faculty positions.

As to the second objective, we have established a Hospital Heads/Medical Director monthly meeting attended by the heads of the Department of Psychiatry at St. Paul's Hospital, Riverview Hospital, Children's & Women's Health Centre and the Medical Director of GVMHS, which is also attended by Ms. Judith Tompkins, Director of Mental Health for the Vancouver/Richmond Health Board. With the support of the senior hospital administration and Ms. Judith Tompkins we began a process (currently in the final stages) for developing an organizational structure involving VHHSC and the Providence Group of Hospitals with the aim of providing a unified approach to the service needs of the region and in collaboration with Riverview Hospital, developing integrated tertiary programmes (eg. in schizophrenia and neuropsychiatry) which could serve the entire province. Last, but not least, a Christmas party cosponsored by Department's of Psychiatry at VHHSC, St. Paul's Hospital, and UBC Department of Psychiatry was successfully organized by our Business Manager, Linda Kompauer, and was attended by more than 300 members and staff and their spouses or partners.

Head's Report

We are already into 1999 and are once again confronted by a new series of budget cuts. With a constantly decreasing budget, we are being challenged in our ability to maintain excellence in our clinical, educational, and research programmes. As we are facing this era of decreasing financial resources, I remain optimistic that we will succeed as long as we continue to derive strength from the enthusiasm, talent, and dedication of our clinical faculty and as long as we continue to address our community obligations and working in close collaboration with the hospitals, the Vancouver/Richmond region, the Ministry of Health, and the Ministry for Children and Families.

The year 1998 was essentially the first year of my tenure as head of the Department of Psychiatry. This was for me an exciting and gratifying period of time. Two or three years ago I would not have thought (or aspired for that matter) to be in this position. It was the support of the members of this department that made it possible and it is their support during this first year that made my work pleasant and reinforced my commitment to serve in this capacity. For this, I am grateful. Finally, I would like to acknowledge the contributions of our Librarian, Margo Lane and Elana Dean of my office, who compiled and organized this report from submitted material

Athanasios P. Zis
Professor and Head

FACULTY, DEPARTMENT OF PSYCHIATRY

NAME	HOSPITAL / DIVISION / PROGRAM
PROFESSOR	
FINE, Stuart	Child & Adolescent Psychiatry
LAM, Raymond	Mood Disorders
LIDDLE, Peter	Schizophrenia
LIVESLEY, W. John	Behavioural Science
MCLEAN, Peter	Behavioural Science
PENFOLD, Susan	Child & Adolescent Psychiatry
PIPER, William	Behavioural Science
REINER, Peter	Neurological Science
SNUTCH, Terrence *	Neurological Science
VINCENT, Steven	Neurological Science
ZIS, Athanasios	Mood Disorders
ASSOCIATE PROFESSOR	
CLARK, Campbell	Behavioural Science
FLEMING, Jonathan	Mood Disorders
HONER, William	Schizophrenia
KLINE, Stephen	St. Paul's Hospital
MAURICE, William	Sexual Medicine
TAYLOR, Steven	Behavioural Science
YATHAM, Lakshmi	Mood Disorders
ASSISTANT PROFESSOR	
BRINK, Johann	Forensic Psychiatry
GELLER, Josie	St. Paul's Hospital
GOLDNER, Elliot	Eating Disorders
IVERSON, Grant	Behavioural Science
JANG, Kerry	Behavioural Science
MURPHY, Timothy	Neurological Science
NGAN, Elton	Schizophrenia
RAYMOND, Lynn	Neurological Science
ROSKAMS, Jane	Neurological Science

* Joint Appointment - Department of Zoology

NAME	HOSPITAL / DIVISION / PROGRAM
CLINICAL PROFESSOR	
AGBAYEWA, Oluwafemi	Mood Disorders
ANCILL, Raymond	Geriatrics
BRAUNSTEIN, Ronald	Children's & Women's Health Centre
EAVES, Derek	Riverview Hospital / Forensic Psychiatry
FREEMAN, Roger	Children's & Women's Health Centre
GANESAN, Soma	Cross-Cultural Psychiatry
HECHTMAN, Lily	Children's & Women's Health Centre
HURWITZ, Trevor	Neuropsychiatry
KOCH, William	Behavioural Science
LOUIE, Donald	Children's & Women's Health Centre
MACKENZIE, Roy	Behavioural Science
MARRIAGE, Keith	Children's & Women's Health Centre
MISRI, Shaila	St. Paul's Hospital
MYERS, Michael	St. Paul's Hospital
NOONE, Joseph	VHHSC, 12 & Oak Site
PARFITT, Hugh	St. Vincent's Hospital
ROY, Chunilal	VHHSC, 12 & Oak Site
RUNGTA, Kamal	VHHSC, UBC Hospital
SIVERTZ, Kristin	St. Paul's Hospital
SMITH, Derryck	Child & Adolescent Psychiatry
VALLANCE, Maelor	St. Paul's Hospital
WARING, Ted	Riverview Hospital
WATSON, Diane	VHHSC, 12 & Oak Site
WEBSTER, Christopher	Simon Fraser University
WILLIAMS, Richard	Royal Jubilee Hospital

CLINICAL ASSOCIATE PROFESSOR	
ALLEN, Judith	Mood Disorders
ALTMAN, Siemion	Riverview Hospital
ANDERSON, Stephen	VHHSC, 12 & Oak Site
BARTOK, Katalina	Private Practice
BASSON, Rosemary	Sexual Medicine
BRASFIELD, Charles	Behavioural Science
BRIGHT, Britt	Maple Ridge Hospital
BUCHANAN, Robert	Mood Disorders
CARTER, Diana	BC Women's Hospital
CHOO, Caroline	Richmond Hospital
CLAMAN, Jeffrey	Mood Disorders
CORRAL, Maria	Mood Disorders
DEBBANE, Elie	Lion's Gate Hospital
DRYSDALE, Elaine	VHHSC, 12 & Oak Site

Faculty

NAME	HOSPITAL / DIVISION / PROGRAM
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ELLIOTT, Stacy	Sexual Medicine
FAST, Diane	Children's & Women's Health Centre
GARLAND, Jane	Children's & Women's Health Centre
HARDIN, Earl	VHHSC - 12 & Oak Site
HARRIS, Brian	GVMHS
HEWKO, Robert	VHHSC, 12 & Oak Site
HIGENBOTTAM, John	VHHSC, 12 & Oak Site
IRWIN, David	VHHSC, UBC Hospital
JIWA, Abdulkarim	VHHSC, UBC Hospital
KALDA, Riho	VHHSC, UBC Hospital
KARLINSKY, Harry	Riverview Hospital
KOCZAPSKI, Andrzej	VHHSC, UBC Hospital
LIANG, Raymond	VHHSC, UBC Hospital
MILLSON, Richard	<i>on leave</i>
MITHANI, Akber	St. Vincent's Hospital
MITTLER, Gerry	Riverview Hospital
MURPHY, Emlene	Forensic Psychiatry
O'SHAUGHNESSY, Roy	Forensic Psychiatry
REEBYE, Pratibha	Children's & Women's Health Centre
ROBINOW, Oliver	Sexual Medicine
ROTHSCHILD, Carl	VHHSC, 12 & Oak Site
SCAMVOUGERAS, Anton	Neuropsychiatry
SEGAL, Barry	VHHSC, 12 & Oak Site
SEHON, Anthony	Riverview Hospital
SHICK, Roger	St. Paul's Hospital
SHORE, Resa	St. Paul's Hospital
SIGMUNDSON, Keith	Ministry of Health
SLADEN-DEW, Nicholas	GVMHS
SOLOMONS, Kevin	Geriatric Psychiatry
STEVENS, Harry	Justice Institute of BC
STEVENSON, Ron	Sexual Medicine
STRASSMAN, Rick	Addiction
TAPPER, Mark	St. Joseph's General Hospital
TERMANSEN, Paul	Lion's Gate Hospital
WEISS, Margaret	Children's & Women's Health Centre
WONG, Allan	VHHSC, 12 & Oak Site
ZIPURSKY, Sheldon	St. Paul's Hospital

CLINICAL ASSISTANT PROFESSOR

BILSKER, Dan	VHHSC, 12 & Oak Site
CHAPMAN, Laura	VHHSC, UBC Hospital
COCKHILL, Leslie	St. Paul's Hospital

Faculty

NAME	HOSPITAL / DIVISION / PROGRAM
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COOPER, Michael	Penticton Regional Hospital
COTTER, Leslie	VHHSC, 12 & Oak Site
DOYLE, Laura	Children's & Women's Health Centre
DRANCE, Elizabeth	GVMHS
FRIEDLANDER, Robin	West Coast Mental Health Support Team
FRIESEN, Wesley	VHHSC, 12 & Oak Site
FROESE, Colleen	Vancouver Hospital, UBC Hospital
FRYE, Charles	Prince George Regional Hospital
GIBSON, Peter	Broadway Mental Health Team
GOSSELIN, Caroline	VHHSC, 12 & Oak Site
HARRIS, James	VHHSC, UBC Hospital
HATHAWAY, Lorraine	Children's & Women's Health Centre
HAYDEN, Hugette	Langley Memorial Hospital
KIRALY, Stephen	GVMHS
KITCHEN, Robert	St. Paul's Hospital
KOPE, Teresa	Children's & Women's Health Centre
KORITAR, Endre	VHHSC, 12 & Oak Site
KUMAR, Hullar	Riverview Hospital
KWAN, Man Wai	VHHSC, UBC Hospital
LEDWIDGE, Barry	Riverview Hospital
LEISHMAN, David	GVMHS
LEVY, J. Mark	VHHSC, 12 & Oak Site
LISIAK, Elena	VHHSC, 12 & Oak Site
LOMAX, Susan	Children's & Women's Health Centre
LOOMER, Frank	Capital Health Region
MADHANI, Kurban	GVMHS
MADOR, Joseph	Children's & Women's Health Centre
MATRICK, Lawrence	Private Practice
MCMILLAN, Janette	Mt. Pleasant Mental Health Team
NODA, Fumitaka	VHHSC, 12 & Oak Site
PATRICK, Lance	VHHSC, UBC Hospital
PATTERSON, Bruce	University Hospital - Shaughnessy Site
PERRY, Katherine	VHHSC, UBC Hospital
PULLMER, Lewis	St. Paul's Hospital
SANDERS, Andrew	GVMHS
SCHENK, Christian	Lion's Gate Hospital
SCHERTZER, Stephen	VHHSC, UBC Hospital
SCHWARTZ, Patricia	VHHSC, UBC Hospital
SEMRAU, Stanley	Forensic Psychiatric Institute
SHELDON, Leslie	St. Vincent's Hospital
SINGH, Kulbir	VHHSC, 12 & Oak Site
SMITH, Geoffrey	VHHSC, UBC Hosp St. Vincent's Hospital
SOUFI, Hissam	Maple Ridge Hospital

Faculty

NAME	HOSPITAL / DIVISION / PROGRAM
SRIKAMESWARAN, Suja	St. Paul's Hospital

STRASZAK, Irena
 STOWE, Robert
 SUCHAROV, Maxwell
 TAM, Edwin
 TESLER-MABE, Eduardo
 UHLMANN, R. Peter
 WANIS, Wahan
 WEISS, Jacqueline
 WHELAN, John
 WILKINSON, Rosemary
 ZOFFMAN, Elisabeth

VHHSC, 12 & Oak Site
 Riverview Hospital
 Private Practice
 Mood Disorders
 GVMHS
 Powell River General Hospital
 VHHSC, 12 & Oak Site
 Children's & Women's Health Centre
 VHHSC, 12 & Oak Site
 VHHSC, UBC Hospital
 Forensic Psychiatric Institute

CLINICAL INSTRUCTOR

AINSWORTH, Geoffrey
 ANDREWS, Lorraine
 AXLER, Auby
 BAERG, Elizabeth
 BERZEN, Leon
 BHOPAL, Jaswant
 BLOCH, Maurice
 BURGMANN, Allan
 CHAN, Peter
 CHERNICK, Grant
 DASKIEWICZ, Maria
 DUA, Vikram
 DUNN, Patrice
 FAHY, Mellisa
 FITZPATRICK, Stephen
 GEIGER, Odie
 GENGE, Margot
 GHARAKHANIAN, Garen
 GRUSON, Valerie
 HOLLANDER, Yitzchak
 HOSSIE, Helen
 ILLING, Martin
 KAYE, Valerie
 KERR, Clifford
 KHANBHAI, Irfan
 LAZAR, Gary
 LEE, Pauline
 LEMKE, Mike

Children's & Women's Health Centre
 Children's & Women's Health Centre
 Lion's Gate Hospital
 Children's & Women's Health Centre
 VHHSC, UBC Hospital
 Delta Mental Health Centre
 Riverview Hospital
 St. Paul's Hospital
 VHHSC, 12 & Oak Site
 Student Health Services, UBC
 Riverview Hospital
 Youth Forensic Psychiatric Services
 Children's & Women's Health Centre
 St. Paul's Hospital
 St. Paul's Hospital
 Riverview Hospital
 VHHSC, UBC Hospital
 Riverview Hospital
 VHHSC, 12 & Oak Site
 St. Paul's Hospital
 Mood Disorders
 St. Vincent's Hospital
 St. Paul's Hospital
 St. Paul's Hospital
 VHHSC, 12 & Oak Site
 Children's & Women's Health Centre
 West Coast Mental Health Support Team
 Riverview Hospital

Faculty

NAME

HOSPITAL / DIVISION / PROGRAM

LOCKE, Jake
 MALCHY, Brian

Children's & Women's Health Centre
 Seven Oaks General Hosp / Mental Health

MANLEY, Ronald
MASKALL, Doug
MCDONALD, Dan
MCWATTERS, Dorothy
MELDRUM, Lee Anne
MOK, Hiram
MYRONUK, Lonn
NAIR, Gangadharan
NORTHCOTT, Colleen
RIAR, Kulwant
RILEY, Mark
RISLING, Eva
RYAN, Deirdre
SCHAFFER, Nathan
SEVERY, Philip
VINCENT, Merville
WARRIAN, William
WHITTAL, Maureen
YOUNG, Kay
YUSWACK, Timothy
ZIELONKA, Lucjan

Children's & Women's Health Centre
Peace Arch Hospital
VHHSC, 12 & Oak Site
VHHSC, 12 & Oak Site
Forensic Psychiatric Institute
VHHSC, 12 & Oak Site
Nanaimo Regional General Hospital
Langley Memorial
Mood Disorders
Youth Forensic Psychiatric Services
Forensic Psychiatric Institute
Riverview Hospital
BC Women's Hospital
St. Paul's Hospital
Riverview Hospital
St. Joseph's General Hospital
Maples Adolescent Centre
Behavioural Science
VHHSC, 12 & Oak Site
VHHSC, UBC Hospital
Riverview Hospital

NAME

EMERITUS & HONORARY

BEZERDI, Tibor (E)
BROWN, William (H)
CAIRD, William (E)
CROCKETT, David (E)
ENRIGHT, Karl (H)
FIBIGER, Chris (E)
GORESKY, Walter (E)
JAKUBOVIC, Alexander (E)
JILEK-AALL, Louise (E)
JILEK, Wolfgang (E)
KLINE, Carl (E)
KLONOFF, Harry (E)
KNOBLOCH, Ferdinand (E)
KNOBLOCH, Jirina (E)
KOVACS, George (E)

MARGETTS, Edward (E)
MCGEER, Edith (E)
MCGEER, Patrick (E)
MCNAIR, Francis (E)
MILES, James (E)
NICHOL, Hamish (E)
PARKINSON, Raymond (E)
REITH, Gunther (E)
SHULMAN, Ralph (E)
STEPHENSON, Gordon (E)
SUNG, Shan Ching (E)
SZASZ, George (E)
TYHURST, James (E)
WADA, Juhn (E)

WANG, Xue Lin (H)

Faculty

KRELL, Robert (E)

WHITMAN, Ralph (E)

LIN, Tsung-yi (E)
MARCUS, Anthony (E)

WOOLF, Louis (E)
YORKSTON, Neil (E)

ASSOCIATE FACULTY

DONNELLY, Martha
GOUMENIOUK, A.D.
ISHIYAMA, Fumio Ishu

JOHNSTON, Charlotte
PERRY, Thomas
PHILLIPS, Anthony

CLINICAL FELLOWS

BAWDEN, Carol
FLYNN, Sean
HODELET, Nicola
MOHAMMED, Abdula

PRYSTAWA, Barbara
SHIAH, I-Shin
STIP, Emmanuel
VARMA, Sujit

DEPARTMENT ORGANIZATION

PROFESSOR & HEAD

Athanasios P. Zis

HOSPITAL HEADS

Vancouver Hospital & Health Sciences Centre VHHSC - 12 & Oak Site, UBC Site	Athanasios Zis, Head of Psychiatry Diane Watson, Medical Director (Jan-July) Soma Ganesan, Medical Director (October)
St. Paul's Hospital	Stephen Kline
Children's & Women's Health Centre	Derryck Smith
Riverview Hospital	Karl Enright, Acting (Jan-July) Derek Eaves (July - present)
St. Vincent's Hospital	Raymond Ancill
Greater Vancouver Mental Health Services	Nicholas Sladen-Dew

DIVISION & PROGRAM HEADS

Divisions

Behavioural Sciences	Peter McLean
Child & Adolescent Psychiatry	Derryck Smith
Forensic Psychiatry	Roy O'Shaughnessy
Geriatric Psychiatry	Kevin Solomons
Mood Disorders	Raymond Lam
Neurological Sciences	Steven Vincent
Schizophrenia	Peter Liddle
Sexual Medicine	Ronald Stevenson

Programs

Cross-Cultural Psychiatry	Soma Ganesan
CUPPL	John Livesley (January - July) Athanasios Zis, Acting (July - December)
Eating Disorders	Elliot Goldner (January - October) Pierre Leichner (November - present)
Neuropsychiatry	Trevor Hurwitz

EDUCATION DIRECTORS

Director	Raymond Lam
Co-Director, PGE	Kamal Rungta
Co-Director, PGE	Kristin Sivertz
Director, UGE	Stuart Fine

DEPARTMENT OF PSYCHIATRY COMMITTEES

CLINICAL FACULTY APPOINTMENTS, REAPPOINTMENTS & PROMOTIONS COMMITTEE

Dr. Athanasios Zis	<i>Chair</i>
Dr. Donald Louie	Clinical Professor
Dr. Mike Myers	Clinical Professor
Dr. Kris Sivertz	Clinical Professor
Dr. Roy O'Shaughnessy	Clinical Associate Professor
Dr. Jim Harris	Clinical Assistant Professor
Dr. Mark Levy	Clinical Assistant Professor

Dr. Ray Lam	Professor
Dr. Jon Fleming	Associate Professor

Appointed by Head:

Dr. Stuart Fine	Professor
Dr. Kamal Rungta	Clinical Professor

NEW APPOINTMENTS:

Dr. Lorraine Andrews	Clinical Instructor
Dr. Auby Axler	Clinical Instructor
Dr. Maurice Bloch	Clinical Instructor
Dr. Allan Burgmann	Clinical Instructor
Dr. Grant Chernick	Clinical Instructor
Dr. Vikran Dua	Clinical Instructor
Dr. Odie Geiger	Clinical Instructor
Dr. Helen Hossie	Clinical Instructor
Dr. Martin Illing	Clinical Instructor
Dr. Irfan Khanbhai	Clinical Instructor
Dr. Svetlana Korkuczanska	Clinical Assistant Professor
Dr. Pauline Lee	Clinical Assistant Professor
Dr. Pierre Leichner	Clinical Professor
Dr. Dan MacDonald	Clinical Instructor
Dr. Hiram Mok	Clinical Instructor
Dr. Lonny Myronuk	Clinical Instructor
Dr. Colleen Northcott	Clinical Instructor
Dr. Mark Riley	Clinical Instructor
Dr. Phil Severy	Clinical Instructor
Dr. Robert Stowe	Clinical Assistant Professor
Dr. Maureen Whittal	Clinical Instructor

PROMOTIONS:

Professor

Dr. Raymond Lam

Dr. Peter Reiner

Clinical Professor

Dr. William Koch

Dr. Kristin Sivertz

Dr. Diane Watson

Clinical Associate Professor

Dr. Stephen Anderson

Dr. Andrzej Koczapski

Dr. Anton Scamvougeras

Dr. Kevin Solomons

Clinical Assistant Professor

Dr. Peter Gibson

Dr. Stephen Kiraly

Dr. Geoffrey Smith

Dr. Suja Srikameswaran

Dr. Edwin Tam

Dr. Elisabeth Zoffman

Emeritus Status

Dr. H. Chris Fibiger

Associate Member

Dr. Alexander Goumeniouk

Dr. Ric Procyshyn

Ms. Judith Tompkins

DEPARTMENT OF PSYCHIATRY COMMITTEES

POSTGRADUATE EDUCATION COMMITTEE

MEMBERS OF EXECUTIVE COMMITTEE:

Co-Chairs: Dr. Kamal Rungta, Dr. Kristin Sivertz

Dr. Pierre Leichner

Dr. Kathleen McGarvey

Dr. Keith Marriage

Dr. Nathan Schaffer

Dr. Wahan Wanis

Dr. Michael Wilkins-Ho

MEMBERS OF EXPANDED COMMITTEE:

Co-Chairs: Dr. Kamal Rungta, Dr. Kristin Sivertz

Dr. Siemion Altman

Dr. Britt Bright

Dr. Caroline Choo

Dr. Jane Garland

Dr. Peter Gibson

Dr. Hugette Hayden

Dr. William Honer

Dr. T. Isomura

Dr. Riho Kalda

Dr. Shimi Kang

Dr. Pierre Leichner

Dr. Kathleen McGarvey

Dr. Keith Marriage

Dr. Elton Ngan

Dr. Roy O'Shaughnessy

Dr. Sheila Patton

Dr. Nathan Schaffer

Dr. Nicholas Sladen-Dew

Dr. Michael Tapper

Dr. Wahan Wanis

Dr. Mary Wilkins-Ho

Dr. Elisabeth Zoffman

SELECTIONS & PROMOTIONS COMMITTEE:

Co-Chairs: Dr. Kamal Rungta, Dr. Kristin Sivertz

Dr. Maria Corral

Dr. Elisabeth Drance

Dr. Kathleen McGarvey

Dr. Johannes Giede

Dr. Valerie Gruson

Dr. Riho Kalda

Dr. Irfan Khanbhai

Dr. Andrzej Koczapski

Dr. Raymond Lam

Dr. Irena Straszak

Dr. David Ward

Dr. Wahan Wanis

Dr. Allan Wong

Dr. Katherine Wrixon

Dr. Timothy Yuswack

Dr. Elisabeth Zoffman

CURRICULUM COMMITTEE:

Chair: Dr. Stephen Kline

Dr. Maria Corral

Dr. Trevor Hurwitz

Dr. Riho Kalda

Dr. Kamal Rungta

Dr. Kristin Sivertz

FELLOWSHIP COMMITTEE:

Chair: Dr. Kerry Jang

Dr. Kamal Rungta

Ms. Linda Kompauer

DEPARTMENT OF PSYCHIATRY COMMITTEES

UNDERGRADUATE EDUCATION COMMITTEE

MEMBERS OF EXECUTIVE COMMITTEE:

Dr. Stuart Fine
Dr. Jon Fleming
Mr. D. Ho
Dr. Raymond Lam

Dr. William Maurice
Dr. Lakshmi Yatham
Ms. L. Bennion

Dr. J. Davidson
Dr. Steve Taylor
Dr. Allan Wong

MEMBERS OF EXPANDED COMMITTEE

Ms. L. Bennion
Dr. J. Davidson
Dr. Stuart Fine
Dr. Jon Fleming
Mr. D. Ho

Dr. Yitz Hollander
Dr. William Maurice
Dr. Janette McMillan
Dr. Dorothy McWatters
Dr. Ron Stevenson

Dr. Steve Taylor
Dr. Jacqueline Weiss
Dr. Allan Wong
Dr. Lakshmi Yatham

DEPARTMENT OF PSYCHIATRY COMMITTEES

HOSPITAL HEADS ADVISORY IMPLEMENTATION COMMITTEE

Dr. Derek Eaves (*July 1998*)
Dr. Karl Enright (*until July 1998*)
Dr. Soma Ganesan (*October 1998*)
Dr. Steve Kline
Dr. Raymond Lam

Dr. Nicholas Sladen-Dew
Dr. Derryck Smith
Ms. Judith Tompkins
Dr. Diane Watson (*until October 1998*)

SPACE COMMITTEE

Dr. Campbell Clark, *Chair*
Dr. Jon Fleming
Ms. Linda Kompauer
Dr. Lance Patrick
Dr. Steve Vincent
Dr. Lakshmi Yatham

MERIT AWARD COMMITTEE

MERIT COMMITTEE FOR FULL PROFESSORS

Dr. Lakshmi Yatham, *Chair*
Dr. Kerry Jang
Dr. Lynn Raymond

MERIT COMMITTEE FOR ASSOCIATE AND ASSISTANT PROFESSORS

Dr. Steve Vincent, *Chair*
Dr. Peter Liddle
Dr. William Piper

HOSPITALS

CHILDREN'S & WOMEN'S HEALTH CENTRE

CLINICAL SERVICES

Clinical Services at Children's Hospital are organized under six programs:

Service	Director
Adolescent Inpatient	Dr. Gary Lazar
Child Inpatient	Dr. John Locke
Outpatient Department	Ms. Lorraine Hathaway
Eating Disorders Program	Dr. Ronald Manly
Children's Day Program	Dr. Pat Manly
Child & Adolescent Psychiatry Emergency	Dr. Susan Lomax

Each of these services has a Clinical Director who reports to a three person administration consisting of a Patient Services Director (nursing), Betty Erbatur, an Administrator, Lin McLean and a Medical Director, Derryck Smith.

This year has seen a major expansion of the Eating Disorders Program with additional funds being provided for one more inpatient bed, bringing the total now to three, and new funding for a residential home for children and youth with eating disorders from out of town who need a place to stay while they are attending the day treatment program. This house is slated to be opened February 1, 1999 by the Minister of Health.

The Vancouver/Richmond Health Board has also approved a proposal to increase the inpatient beds for eating disorders from three to six.

EDUCATION

The department continues to be active in educating medical students, residents in psychiatry and fellowship programs. Our fellow for the last year has been Dr. Abdullah Mohammed. At any given time we also have students in social work, psychology and nursing at various stages of their careers.

The biggest strain from an educational prospective has been the doubling up of the MSI program. It was intended that this would be a one year problem as the medical school shifted its curriculum, however, increasingly it is being seen as an ongoing commitment. It taxes not only our ability to provide supervisors in a clinical setting, but also overloads our clinical space.

Like other hospitals, we have had a review of our emergency room facilities in regards to resident safety and changes are underway to improve the secure room and to provide videotape monitoring of patients who are at risk to themselves or to others.

Children's & Women's Health Centre

RESEARCH

We have been fortunate to acquire the services of Dr. Lily Hechtman, an international researcher from McGill University for her sabbatical year. Lily has been instrumental in meeting with various research groups in the department to encourage and assist with new proposals. Dr. Margaret Weiss remains as the Director of Research and a variety of funded projects are underway currently. Dr. Roger Freeman has established the largest database in the world for tourettes and related disorders and has received the research grant to maintain this database. A research psychologist has been hired one day a week by the department to assist with various projects.

As of March 1999, we will have a full time academic secretary funded 75% by UBC and 25% by the hospital

We will also have \$10,000 for a visiting speaker program which will be directed by Dr. Margaret Weiss.

REORGANIZATION OF COMMUNITY BASED SERVICES

By far one of our biggest challenges from a clinical point of view has been to maintain an active partnership with the Ministry for Children & Families (MCF), who, in a recent reorganization, have been made responsible for community mental health. We are attempting to do this by maintaining our community advisory committee even though the regions and personnel within the regions change on a regular basis. Even late as January 1999, MCF has again reorganized to reduce the number of regions and to consolidate some of their administrative personnel.

The moving of Community Mental Health Services to MCF has weakened the lobby within the Ministry of Health for mental health services for children.

The consortium of researchers from the western provinces have recently received \$2 million to study waiting lists in five different clinical areas one of which is children's mental health. We are actively consulting on this project. The lead researcher in BC is Dr. Morris Barer.

Derryck H. Smith

HOSPITALS

GREATER VANCOUVER MENTAL HEALTH SOCIETY

CLINICAL SERVICES

The main focus of GVMHS continues to be the provision of multidisciplinary, community based, clinical services, rehabilitation and housing for the most seriously mentally ill, numbering 7,000 clients. These include the frail elderly, younger adults and families and children. Services are delivered from nine mental health teams and 24 specialized units, including four intensive case management programs, one dual diagnosis program, a suicide intervention program, three rehabilitation programs, 10 family and children's programs as well as housing programs. We employ 91 physicians working part-time to provide 23 full-time equivalents and the majority of them are members of the clinical faculty of the Department of Psychiatry. Cross appointments exist between several of our teams and hospitals.

EDUCATION

Undergraduate Teaching Program

Medical students have become integral at two teams: Broadway South and Mt. Pleasant. Thanks must go to all staff participating. Reviews are consistently good, including one of our teachers receiving the Department of Psychiatry Undergraduate Teaching Award for 1998. The rewards for doctors and teams involved include enthusiasm, interest and energy as well as "teaching hours" for clinical faculty appointments. Thanks as well to Annette Horton and the Kitsilano team for their participation over the past several years. Unfortunately, they felt they could not continue.

Depending upon competence, interest and maturity, medical students assess clients and become part of the treatment team. Because of long awaited changes to the UBC Medical School Program the students will no longer be 4th year "MSIs" but rather 3rd to 4th year "Clinical Clerks" (CCs) and they will now spend eight, not six, weeks in psychiatry rotations.

The Undergraduate Teaching Program is overseen by Dr. Janette McMillan of the Mt. Pleasant Mental Health Team.

Post Graduate Teaching Program

Chronic Care Rotation:

As part of GVMHS's commitment to promote education in Community Psychiatry, a 6-month rotation is made available for psychiatry residents in their final years of training. During their Chronic Care Rotation, residents are assigned either to Riverview Hospital or to GVMHS. Residents assigned to Riverview Hospital are invited to spend one day per week at a Team, while residents assigned to GVMHS spend four days per week at a Team. These rotations run from January to June and July to December. Below is a list of Teams and Supervisors.

Date	Teams	Supervisors
January to June 1998	South	Kurban Madhani, Sheldon Zipursky
	Kitsilano	Mike Cook, Peter Liddle
July to December 1998	Broadway North	Peter Gibson, Judy Leung, Kulbir Singh
	Broadway South	Kitty Perry, John Ronsley

Included in the GVMHS portion of this rotation is a weekly seminar series covering topics such as Mental Health Legislation, Multicultural Issues, Principles of Psychosocial Rehabilitation and Family/Client Issues.

Electives:

Psychiatry Residents are also invited to spend elective time with GVMHS during their final years of training.

Date	Teams	Supervisors
April to June 1998	Broadway North	Peter Gibson, Kulbir Singh

Mock Oral Examinations:

Once a year GVMHS is asked by the Department of Psychiatry at UBC to provide Mock Oral Examinations mimicking the Royal College of Physicians and Surgeons Specialty Oral Examination. These Examinations were done in the Spring of 1998. Below is a list of Teams and Examiners that participated in this exercise.

Team	Examiners
Broadway	Kulbir Singh, Shauna Little
South	David Yaxley, Sheldon Zipursky
Venture	Stephen Kiraly, Siemion Altman
Richmond (x2)	Eduardo Tessler-Mabe, Peter Gibson

Continuing Medical Education

Much credit goes to Dr. Anthony Sehon, Director of GVMHS CME, for his very hard work over the past year putting together another excellent series of continuing medical education sessions. Dr. Nicholas Sladen-Dew made a presentation titled "*Psychosocial Treatments for Schizophrenia - What's new?*" at CME98, a conference on schizophrenia and mood disorders.

Grand Rounds

February 19, 1998	Powersmart? – A review of cases treated with ECT : Kitsilano
March 19, 1998	The Early Pioneers : Before GVMHS, 1956 – 1975 : Broadway
April 16, 1998	FIRST STEP – A Team-based Prevocational Programme : West Side
May 21, 1998	The Impact of Death in the Mental Health Community : Broadway South
June 18, 1998	Options Group: An Option to Individual Therapy & Enhancement: South
July/August 1998	<i>Vacation months – No Grand Rounds</i>
September 17, 1998	Witnessing the Health Impact of United Nations Sanctions on the People of Iraq: Presented by Dr. Al Connolly, Broadway

GVMHS

October 15, 1998	Review of Novel Atypical Antipsychotic Agents : Strathcona
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November 19, 1998 Pioneers of the First GVMHS Team - West End : West End

Breakfast Rounds

- January 20, 1998 Relapsing Patients: How much are Doctors to Blame?
Sponsor: Lundbeck Canada
Presenter: Dr. Richard Williams, Dir of Schizophrenia Services,
Victoria, BC, Clinical Professor, Dept. of Psychiatry, UBC
- February 26, 1998 Differential Indications of New Antipsychotic Medications
Sponsor: Eli Lilly
Presenter: Dr. W. Fleifchhacker, Professor, Dept of Psychiatry,
- May 26, 1998 Diagnosis & New Treatments in Alzheimer's Disease
Sponsor: Pfizer Canada
Presenter: Dr. Raymond Ancill, Head of Geriatric Psychiatry, St. Vincent
- June 9, 1998 Review of the Recent Clinical Practice Guidelines on Bipolar Affective
Sponsor: Smith Kline Beecham
Presenter: Dr. Lakshmi Yatham, Consultant Psychiatrist, Mood Disorde
- September 29, 1998 Women & Psychosis: A Review of Prolactin and New Antipsychotic
Sponsor: Eli Lilly
Presenter: Dr. Ruth Dickson, Associate Professor, Department of Psychia
- November 24, 1998 Novel Treatments for Bipolar Depressed Patients
Sponsor: Lundbeck Canada
Presenter: Dr. Lakshmi Yatham, Consultant Psychiatrist, Mood Disorde

Physicians Rounds

- April 7, 1998 Schizophrenia: A Neuro Cognitive Perspective.
Organized & Moderated by Drs. Anthony Sehon and Peter Liddle
Sponsored by Janssen-Ortho Inc.
- May 12, 1998 Semi-Annual Physicians Meeting: Review of the APA Guidelines for Schizop
Presented by Dr. Bill McEwan, St. Vincent's Hospital

GVMHS

RESEARCH

1. InterSePT Project – in progress*
2. Strathcona Clozapine Outreach Project – in progress**
3. Open Label Olanzapine Study – completed, paper accepted for publication
4. Review of Depression in Schizophrenia – completed, paper submitted for publication
5. Seroquel Switch Study – being considered
6. Olanzapine and Cognition – in progress

*The *Clozapine Outreach Pilot Project* at the Strathcona Mental Health Team is a two-year study of the effectiveness of the atypical neuroleptic Clozapine in a highly treatment resistant and non-

compliant population of individuals suffering from Schizophrenia who also suffer from profound disabilities and live in the downtown core of Vancouver. Buckley R, Sladen-Dew N, Altman S, Flynn S, Peters R.

** The *InterSePT Study* is a prospective, randomized, international, parallel-group comparison of Clozaril/Leponex vs. Zyprexa in the reduction of suicidality in patients with schizophrenia and schizoaffective disorder who are at risk for suicide. Messina J, Alphas L, Hartman R, Kianifard F, Anand R.

ADMINISTRATION

The medical administrative faculty of GVMHS have been very involved with the ongoing reorganization of mental health care in Vancouver and Richmond, which has taken place through the creation of the Vancouver/Richmond Health Board and the Ministry for Children and Families. There are plans for a restructuring of the co-ordinating role of GVMHS in community mental health, with the potential for a closer alliance between hospital psychiatry departments, community mental health agencies and other housing and rehab agencies in the ycommunity. Consolidation of the intensive case management programs and the revision of clinical guidelines, based on Best Practices and evidence based medicine, are among many new initiatives which have taken place in the past year.

Nicholas Sladen-Dew
Medical Director

HOSPITALS

RIVERVIEW HOSPITAL

CLINICAL SERVICES

In the early spring of 1998, the Board of Trustees of BC Mental Health Society (Riverview's governing body) was dissolved by the Minister of Health and a Public Administrator (Alex Berland) appointed. Mr. Berland's mandate originally consisted of three primary tasks:

- Complete a plan for merged governance of Riverview and Forensic Psychiatric Institute
- Fast tract ... Riverview redevelopment in the lower mainland
- Improve utilization management and increase throughput at Riverview (to address referral backlogs in lower mainland)

By mid-summer however, the Public Administrator's analysis of the mental health service delivery system suggested other priorities. These included:

- Recognition that the system is in trouble
- Recognition that Riverview can be part of the solutions to the systems problems
- Recognition that stakeholders are expecting action on the Mental Health Plan
- Fixing the access problem by re-orienting the system to Best Practices priorities

The possible merger of FPI and Riverview was postponed until enabling legislation is passed. However, the Public Administrator has made recommendations for a new Board of Trustees for BCMHS. Riverview is also supporting development of a provincial mental health information system and assisting in evaluating the reforms.

In order to assure improvements in Riverview's utilization management (increased admissions and discharges), the hospital was reorganized consistent with the principles of matrix management. The new structure went into effect in early October with medical and non-medical management partnerships in each Patient Service Unit and Program. The clinical organization now consists of three main programs - Geriatric Psychiatry, Adult Residential Transfer, and Adult Tertiary Redevelopment. The hospital also engaged in a number of key community partnerships to undertake joint projects designed to facilitate patient access to RH and timely, but supported return to the community.

The hospital was pleased to have recruited Dr. Robert Stowe, a noted clinical researcher and behavioural neurologist back to his native Vancouver from Pittsburgh.

EDUCATION

Riverview continues as one of the sites for the Chronic Care Rotation in the Psychiatry Residency Program. The hospital was fortunate to have residents attend throughout the year. The evaluations were consistently positive, noting the high quality of supervision, the interesting clinical expertise, and collegial attitude of medical and nursing staff.

We acknowledge the efforts of Drs. Ted Waring and Siemion Altman as well as other clinical faculty in providing excellent support to our residency teaching program.

The hospital continues to advocate the fundamental importance of exposure of all residents during their training to the unique inpatient setting Riverview affords. While at Riverview, residents are entitled to attend the Riverview Academic Conferences free of charge. They also attend the weekly Grand Rounds and are required to present at this forum once in their rotation. Residents are also invited to attend the weekly CME Rounds. Coupled with the rich and varied clinical exposure, an excellent mental health library service, and the absence of a mandatory on-call rota, Riverview continues to offer a first class rotation for residents.

Riverview continues to support clinical fellowships in Neuropsychiatry (a two year program which was not filled during this period) and in Geriatric Psychiatry (where a graduate of foreign psychiatric program is currently enrolled in the one year program).

Medical students were also assigned to and attended Riverview throughout the year. The opportunity of the hospital to orient some medical students to the care of the seriously mentally ill is appreciated. Dr. Waring is the principal mentor for medical students and his ongoing commitment is greatly appreciated.

The now acclaimed Riverview Academic Conferences continued to attract attention and patronage from across the province. Conferences in Addictions Medicine, Schizophrenia, Medical Informatics and Geriatric Psychiatry were held in 1998. Proceeds from the conferences support clinical research projects at the hospital.

RESEARCH

The academic profile of Riverview received a boost during the year with the appointment of Dr. Derek Eaves, an internationally recognized academic in the field of forensic psychiatry, as the VP Medical and Academic Affairs (July). This is a shared appointment with Forensic Psychiatric Services. Dr. Eaves immediately commenced a review of the research infrastructure with intent to ensure optimal support for and coordination of clinical research within Riverview and Forensic Psychiatric Services.

In recent years Riverview has made great strides in developing its research resource base such that funding and infrastructure now exists for tremendous progress in research productivity. The research mandate is focused in three main areas - Neuropsychiatry, Schizophrenia, and Geriatric Psychiatry. An emphasis is also placed on evaluative research in support of the program developments flowing from the implementation of the Mental Health Plan.

Riverview Hospital

Over the year, Riverview staff produced a total of six books/chapters, seven abstracts, and 32

articles with an estimated total of 34 research projects in progress. Of particular note was a study published in *Clinical Therapeutics* by Dr. Ric Procyshyn (PhD and PharmD) and Sylvia Zerjav (PharmD) comparing outcomes for Risperidone and Olanzapine. The data and conclusions attracted worldwide attention resulting in invitations from many countries for Dr. Procyshyn to speak and contribute to research study design on related topics. The efforts of all researchers at Riverview are to be commended for the leadership and encouragement they offer to all clinical staff in nurturing an attitude of enquiry and evaluation. Ultimately all clinical research should be expected to be of direct relevance to improvement of treatment and care of our patients.

ACADEMIC APPOINTMENTS:

The majority of Riverview's psychiatry staff held faculty appointments in 1998. We particularly acknowledge the recommended promotions of Dr. Anthony Sehon and Dr. Harry Karlinsky to Clinical Professor, in recognition of their respective contributions to continuing medical education in BC and across Canada and medical informatics research.

Riverview also supports/contributes to the full time faculty appointments of Dr. Grant Iverson, Neuropsychology and Dr. Bill Honer at UBC and Dr. Al Thornton Psychologist at SFU.

Peter Owen
Academic Affairs

HOSPITALS

ST. PAUL'S HOSPITAL

This past year has been filled with administrative challenges. St. Paul's has joined with the CHARA hospitals to create Providence Health Care. The merger has gone relatively smoothly, but 1999 will see the consolidation and integration of the educational sites.

St. Paul's has also opened a seven bed dual diagnosis short stay unit together with the Department of Emergency Medicine. Early indicators suggest both heavy utilization and the potential for an outstanding rotation for residents.

The department has expanded its extensive teaching load, which includes undergraduates, international medical graduates, as well as residents in psychiatry and family medicine. Clinical research is active in four main areas: Eating Disorders; Mood Disorders; Chronic Pain; and Reproductive Psychiatry. Most research funding currently comes from medium and higher quality industry grants.

ACUTE CARE PSYCHIATRY

This program encompasses Emergency, the Dual Diagnosis Unit and the Short Stay Unit. Seven staff manage a busy clinical and teaching service.

GERIATRIC PSYCHIATRY

Geriatric Psychiatry provides inpatient, outpatient consultation and community components. This program is now attracting residents and will be expanding into an integrated format with St. Vincent's site in the next year.

REPRODUCTIVE PSYCHIATRY

This program offers extensive outpatient and consultative support to pregnant, postpartum, and menopausal women with mental illness. The program is co-located at BC Women's Hospital and St. Paul's Hospital. Negotiations are underway to achieve provincial status.

EATING DISORDERS

This large provincial program has recently appointed a new head, Dr. Pierre Leichner, formerly Psychiatrist-in-Chief at Kingston Psychiatric Hospital. The program offers the widest variety of treatment opportunities of any program in Canada. This year, we hope to attract residents on a regular basis to work in a strong clinical environment with excellent research opportunities.

CHRONIC PAIN

The Chronic Pain program includes staff in Radiology, Anesthesia, Internal Medicine, and Psychiatry. The program focuses on the treatment of whiplash and regional sympathetic dystrophy. Research opportunities here are extensive and residents have been taking elective rotations in this program.

Stephen Kline

HOSPITALS

VANCOUVER HOSPITAL AND HEALTH SCIENCES CENTRE - PSYCHIATRY CPU

Last year was marked by considerable changes both internally and externally to VHHSC, Department of Psychiatry and CPU.

The regionalisation process in the past three years has significantly increased the pressure on the Department of Psychiatry and CPU in terms of planning within the regions and a continuous review of its leadership in the province. The ROARS review process which started about two years ago has produced a document that has created future changes in the way we will deliver mental health services within the Vancouver/Richmond region and around the province. The ROARS report called for the review of the Inpatient/Outpatient/Emergency and Tertiary care activities. The response of the Vancouver Health Sciences Centre Hospital to the ROARS report was widely distributed and the department had the opportunity to provide an impact analysis on the report. The commitment of the regions is to continue to maintain the current level of mental health services although the structure of the clinical program could be changed with the resource allocation, hopefully, maintained at the same level.

The CPU Administrator is actively involved with several partnership initiatives with Riverview Hospital and the region. The neuropsychiatry program is currently on active discussion with Riverview Hospital with the expectation of using the expertise of our CPU to complement current services at Riverview and review the distribution of the resources so that the process of assessment and treatment of neuropsychiatry could be improved by relocating some of the current resources at Riverview Hospital. The UBC Site has been identified as a future concentration of all the tertiary care programs. Therefore, if there is a future allocation of resources the neuropsychiatry program at UBC would have increased resources to be more effective in assessment and treatment to the regions and the province. The Ministry of Health has fully supported this initiative. The CPU was able to increase the number of beds in neuropsychiatry temporarily to 15 beds while waiting for additional resources. In addition, a schizophrenia working group has been formed. The first meeting will be at the beginning of the next fiscal year. Discussions are underway with medical staff and the senior administration of Riverview with the aim to develop a common approach to addressing regional and provincial needs in these areas.

The Vancouver Hospital, 12 & Oak Site has been identified as a possibility of creating a future centre for excellence in community mental health and crisis intervention model with the combination of the current Psychiatric Assessment Unit and the Inpatient Program with the backup of the active Ambulatory Clinic, Cross Cultural Clinic and Integrated Personality Program. The CPU has received extra sessions for the Integrated Personality Program in this fiscal year. We are also working on trying to get more resources to set up an organ transplant psychiatric consultation program at Vancouver Hospital, 12 & Oak Site.

The clinical pressure on the programs has been tremendous due to the lack of the backup from Riverview Hospital and appropriate placement facility in the community. The CPU currently

VHHSC

has 89 beds at Vancouver Hospital, 12 & Oak Site and 35 beds at UBC Site. On top of the very active Outpatients at both sites is the Mood Disorder Clinic at UBC Site and the

Schizophrenia Rehabilitation Day Program at UBC Site. At the 12 & Oak Site is the Cross Cultural Program, Integrated Personality Program, Geriatric Psychiatry Outreach, Centre for Sexuality, Gender Identity and Reproductive Health, and last but not least, Research Services.

The Anxiety Disorders Unit also moved to the CPU in the last fiscal year. The Changeways Program proved to be very successful and the CPU is working on securing more resources for the ADU and Changeways so that it can provide more effective services to the regions and the province. All of these changes took place at the time that the CPU went through a radical change of leadership. Ms. Judith Tompkins has moved to the regions to become the first Mental Health Service Director for Vancouver/Richmond regions. A new Patient Services Director was recruited along with a change in the nursing administration with an additional patient services manager in charge of the Outpatient activities at the UBC Site. Dr. Diane Watson, after twelve years of providing medical leadership, decided to step down and Dr. Soma Ganesan took over at the beginning of October 1998 as the Medical Director.

As a university affiliated hospital, the CPU continues to be actively involved in teaching both undergraduate and postgraduate programs. The curriculum changes created a lot of pressure on clinical staff at both sites as there are more medical students doing rotations in psychiatry in the last year than ever before. Both the academic and clinical staff also provided and are involved in academic teaching in both undergraduate and postgraduate programs. Also, there was an increased effort in community education in the Vancouver/Richmond regions and around the province through outreach services and workshops, conferences organized by several programs and divisions within the department and the CPU.

The last fiscal year also saw some changes in clinical staff psychiatrists. Several staff moved on and new staff were recruited. The CPU has offered five part time positions to graduating residents for both UBC and Vancouver Hospital Sites. This recruitment, if successful, will enhance the current services on both sites. The Greater Vancouver Mental Health Services has also agreed on a joint effort in the cross appointments with these five graduating residents so that the clinical services would be improved through sharing.

The next fiscal year could be even more challenging with the full implementation of the ROARS report. The commitment to preserve current resources for mental health services has been reiterated by the hospital administrator and the Vancouver/Richmond Health Board and we expect that with the development and enhancement of a partnership between the CPU, Vancouver/Richmond Health Board, Greater Vancouver Mental Health Services, and Riverview Hospital we could secure better services currently delivered by Vancouver Hospital, 12 & Oak Site and UBC Site so that we can protect, enhance, and improve our commitment to patient care, education, and research.

Soma Ganesan
Medical Director, CPU of Psychiatry

Athanasios Zis
Head, Department of Psychiatry

DIVISIONS AND PROGRAMS

DIVISION OF BEHAVIOURAL SCIENCES

ANXIETY DISORDERS UNIT

The Anxiety Disorders Unit (ADU) is a clinical investigations unit jointly operated by the Department of Psychology (Psychiatry CPU as of April 1, 1999) of the Vancouver Hospital and Health Sciences Centre and the UBC Department of Psychiatry. This is the third year of operation of the ADU and we have a relatively small staff involving a part time receptionist, a full time diagnostician, 1.7 psychologist positions, a part time intern, and two psychiatric sessions. The ADU is physically located in the Purdy Pavilion at the UBC Site. It is an interdisciplinary, outpatient unit whose goals include the development and investigation of innovative treatments for adults with anxiety disorders, the provision of state-of-the-art treatment for British Columbians with anxiety disorders, and the training and support of health providers in contemporary assessment and treatment protocols for anxiety disorders.

CLINICAL ACTIVITY

We treat selected anxiety disorders, namely panic disorder with or without agoraphobia, obsessive compulsive disorder, and both blood injury and needle phobias. All patients are telephone screened and are then provided with a structured clinical interview (SCID-IV) prior to entering either individual or group treatment. This year we began treatment on 199 new patients and recorded a total of 1,374 patient visits.

Seventy-five percent (75%) of our patients are referred by family physicians, followed by psychiatrists, with the remainder being split approximately equally between other professionals and self-referral in the case of former patients. Fifty-four percent (54%) of our patients live in Vancouver and the remainder come from adjacent municipalities and elsewhere in the province.

NEW DEVELOPMENTS

1. The COUTH Anxiety Disorders Alliance Group was formed in 1998 and is an interdisciplinary professional interest group which meets on a monthly basis. Its goal is to promote understanding in the prevalence, psychopathology, and treatment of anxiety disorders among government and professional communities, as well as the general public. This group also is involved in research within the anxiety disorders, the training of other health professionals and facilitation of service requirements for the treatment of anxiety disorders within the COUTH system.
 2. Members of the ADU and the COUTH Anxiety Disorders Alliance Group were active in the development of a public advocacy group in 1998. This advocacy group is in the process of incorporating under the Societies Act and has a broad base of talented people dedicated to its cause. We anticipate that this group will develop along the lines similar to that of "Friends of Schizophrenia" and other successful advocacy groups in the mental health area.
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3. The ADU and members of the COUTH Anxiety Disorders Alliance Group have been involved in a telehealth trial in partnership with BC Tel and the Faculty of Medicine in which family physicians in Kelowna and Port Alberni are being trained in contemporary methods of anxiety disorder treatment. This trial is currently under way and is

preliminary to a major research grant that is under review and in which BC Tel and UBC are partners.

Peter McLean

DIVISIONS AND PROGRAMS

DIVISION OF FORENSIC PSYCHIATRY

CLINICAL SERVICES

Clinical forensic services in BC underwent a major change in 1998. In the past, all forensic services to both adults under the Criminal Code and juveniles under the Young Offender Act were provided through the Forensic Psychiatric Services Commission of BC. With the creation of the new Ministry for Children and Families in 1998, the adult and youth divisions were separated. The Forensic Psychiatric Services Commission continues to operate a newly erected adult facility in Port Coquitlam. They perform court-ordered pre-trial and post-sentencing assessments of accused persons to determine fitness to stand trial, mental state at the time of the offence, as well as pre-sentence evaluations. They also provide ongoing treatment for persons found unfit to stand trial or Not Criminally Responsible by Reason of Mental Illness under the auspices of the Review Board of British Columbia. They further provide treatment to mentally ill offenders in provincial custody facilities.

The Youth Forensic Services of the Ministry for Children and Families operates under the authority of the Young Offender Act that deals with young persons ages twelve through eighteen.

The major clinical centre is in Burnaby adjacent to the Burnaby Youth Secure Custody Centre and the Maples Adolescent Treatment Centre. An eleven-bed maximum-security inpatient unit houses young persons remanded by the courts for psychiatric and psychological assessment. In addition, outpatient facilities perform assessment and ongoing treatment of young offenders under probation orders. Major programs include the Adolescent Sexual Offender Program which is a comprehensive and intensive program treating young offenders with paraphilia disorders.

Youth Forensic Services provides consultation and treatment services to the Burnaby Youth Secure Custody Centre where there is an active and large caseload of youth on remand or on custodial sentence who require psychiatric intervention.

In addition to provincial services, the Federal Government offers residency placements at the Regional Health Centre, a psychiatric facility within a maximum-security penitentiary setting. Ongoing treatment and research activities are under the direction of Dr. Johann Brink. Treatment programs aimed at the violent offender, the sexual offender and general psychiatric programs are offered.

EDUCATION

Forensic psychiatry is taught through a combination of seminars at the PGY4 level as well as elective clinical placements provided through the Regional Health Centre, the Forensic Psychiatric Institute, or the Youth Forensic Services.

The seminar series for Forensic Psychiatry consists of seven seminars led by members of the Division dealing with major issues in forensic psychiatry. In addition, individual members provided seminar and/or education sessions within the department. These include:

Division of Forensic Psychiatry

- Dr. Murphy presented to residents December 1998 regarding “Consent to Treatment”
- Dr. O’Shaughnessy directed and taught the seminar series “Law and Ethics in Mental Health” to PGY4 years.
- Seminar on “The Paraphilias” to PGY4 sexual medicine course.
- Dr. Wanis: a) Mock Review Board Hearing at SFU Criminology Department, b) supervision combined elective rotations Vancouver Hospital, 12 & Oak Site and Forensic Psychiatric Institute.

RESEARCH

All three clinical sites within the Forensic Division are actively engaged in ongoing clinical research.

In Youth Forensic Services research activities have focused on treatment outcome of sexual offenders, measurements of psychopathy in juvenile delinquents, risk assessment in management of violent young offenders, and research on special populations. Drs. Riar and Stevenson with Dr. Mary Drew, a staff psychologist, are researching the multi-phasic sex inventory project in sexual offenders in treatment. We continue our ongoing research project in a long-term follow up of sexual offenders treated in the program and this has now had five-year outcome data reviewed.

The Youth Services now have started a long-term research project in the establishment of actuarial measurements of risk of violent and sexual offences in young offender populations utilizing existing data from long-term recidivism studies in the service and melding it with actuarial models currently being researched on adult offenders. The service-wide project will tentatively be ready for implementation in the fall of 1999.

Dr. Dua has initiated a Bio Psychosocial Assessment of juvenile prostitution in young offenders and preliminary data was presented at the American Academy of Psychiatry and Law meeting in October 1998. Dr. Dua and Dr. Janke have initiated a review of P.D.D. (Pervasive Development Disorders) in young offenders and presented preliminary data at the AAPL meeting of October 1998. A prospective study is about to commence.

Research in the Forensic Psychiatric Services Commission is primarily organized by Dr. Derek Eaves in conjunction with colleagues at Simon Fraser University. Dr. Eaves was granted a research award from the BC Health Research Foundation with co-authors Dr. Webster and Dr. Hart on the validation of the HCR-20, an actuarial and clinical risk assessment instrument for adult offenders.

Dr. Brink is engaged in ongoing research in the area of psychopathy and violent offenders at the Regional Health Centre examining relationship between psychopathy and Serotonin dysfunction utilizing Phenfluramine challenge methodology. Preliminary data had previously been presented and ongoing data gathering continues.

SPECIAL HONORS AND AWARDS

Dr. Eaves has been given the “Chancellors Distinguished Service Award” from Simon Fraser University in 1998. He was also invited to address the University of Calgary in February 1998 on “Risk Assessment”. He gave a paper at the XXXIII Congress of Law and Mental Health in Paris in July 1998 entitled “Characteristics of Persons Found Not Guilty by Reason of Insanity and Not Criminally Responsible”.

Roy O’Shaughnessy

DIVISIONS AND PROGRAMS

DIVISION OF GERIATRIC PSYCHIATRY

CLINICAL SERVICES

Members of the division continue to provide clinical services in multiple sites across the lower mainland and province. Geriatric psychiatry inpatient services at Riverview Hospital (260 beds), St. Vincent's Hospital (20 beds), Vancouver Hospital STAT Centre, St. Paul's Hospital, Richmond Hospital, as well as in Victoria, Kelowna, and Comox are served by division members. Members provide consult - liaison services at VHHSC, 12 & Oak Site, VHHSC, UBC Site, St. Vincent's, St. Paul's, and Surrey Memorial. Many members are active providing community geriatric services via the Geriatric Mental Health teams of the Greater Vancouver/Richmond, Simon Fraser, and South Fraser regions. Members are active in a range of specialist outpatient clinics including a dementia clinic at St. Vincent's and the UBC Alzheimer's, Sleep Disorders, Mood Disorders, and Movement Disorders clinics. Members continue to contribute to the outreach CUPPL program providing consultation and education services throughout the province. Clinical service provision and development continues to be the primary activity of division members.

EDUCATION

Undergraduate

With the introduction of the new undergraduate curriculum, this year saw off the traditional spring tutorial series with second year students. Dr. Sheila Nolan participated in the design of the geriatric psychiatry component of the new curriculum. Geriatric exposure was included in psychiatry rotations for medical students at various sites including Riverview and St. Paul's Hospital.

Postgraduate

Residents continue to rotate through a number of training sites for their three month geriatric rotation. Members continue to train residents at VHHSC, St. Vincent's, Riverview, and St. Paul's Hospital. This year a resident chose Comox to do geriatrics where a fine training experience was provided by two division members, Drs. Monks and Schovanek. The division will continue to encourage rural rotations as a way of encouraging a wider distribution of geriatric psychiatrists through the province.

The division continues to provide year long fellowships in geriatric psychiatry. Three fellows, Drs. Schovanek, Prystawa, and Cesar completed/joined the division as fellows this year. Traditionally the ministry has provided funding for two fellowship positions, with Riverview Hospital providing funds for a third position. The ministry withdrew the funding to UBC in early 1998, redirecting the funds to a rural family practitioner enhanced psychiatry training program. The division was fortunate to reclaim funding for one of the positions with a two year commitment. The division hopes to find a way to put fellowship funding on a more secure footing for the future.

COMMUNITY

Dr. Elizabeth Drance is consultant to an innovative community education project called GPEP (Geriatric Psychiatry Education Project). The project is under the auspices of the GVRMHS and provides on site education to long term facility care staff.

Members provide education to community physicians and nursing staff in nursing homes and at industry sponsored presentations to community family practitioners. The emergence of a new generation of cognitive enhancers has spurred interest in the field of the dementias to which members have responded. The 7th Annual Geriatrics Day hosted by Riverview Hospital in November was attended by a sellout crowd of 250. The meeting featured a strong and varied line up of top experts including Murray Raskind from Seattle, Washington, Howard Feldman, Elizabeth Drance, Roger Wong, and Nirmal Kang. Minister Priddy addressed the meeting as well.

RESEARCH

Members are engaged in various clinical research activities in their primary sites of clinical activity. Research activities are confined for the most part to medication trials and reviews for the treatment of the behavioral and psychiatric complications of dementias.

ADMINISTRATION

The division continues to be bedevilled by the constraints of an absence of GFT positions and the absence of a central site for clinical and teaching activity with support staff and services. All members are clinical faculty, work at sites that cover a large geographical area and carry full clinical loads. These factors have constrained division function, particularly research activities, and it is hoped that ways can be found to remedy this in the coming year.

SPECIAL HONORS AND AWARDS

Drs. Solomons and A. Kang are on the organizing committee of the 9th International Psychogeriatric Association meeting to be held in Vancouver in August 1999. Dr. A. Kang was awarded a Riverview research grant for a study of testosterone in aggressive demented patients.

Kevin Solomons

DIVISIONS AND PROGRAMS

DIVISION OF MOOD DISORDERS

Members of the Division of Mood Disorders continued to be productive on all professional fronts. The summary of activities appears below. A number of initiatives are planned for the coming year. The membership of the division is currently focused within the UBC Hospital Mood Disorders Program. We expect to expand the membership of the division to include department members at other sites who have special interest in Mood Disorders (for example, our colleagues in the Mood and Anxiety Disorders Clinic at Children's & Women's Health Centre). The Division will also promote links with the UBC Brain Research Centre and continue to develop its CME programs.

CLINICAL SERVICES

The clinical activities of the Division are centred in the UBC Hospital Mood Disorders Program. In the hospital fiscal year between April 1, 1997 and March 31, 1998, 1108 new patients were assessed at the Mood Disorders Clinic and 4864 patient visits were conducted in the various subclinics, not including those patients seen in the clinical trials. 79% of the referrals came from family physicians. There were 147 patients discharged from the Mood Disorders Clinical Research Unit. Two-thirds of these patients were tertiary cases. We also administered ECT to 99 inpatients and 28 outpatients. In May all staff participated in a Mood Disorders "Advance" (much more descriptive than the old term, Retreat!). The Advance was a daylong evaluation of current programs and future directions that will lead to a strategic plan to guide progress into the new millennium.

EDUCATION

The members of the Division continue to teach at all levels in the undergraduate and postgraduate curriculum. Dr. Raymond Lam (Co-Chair, Brain and Behavioural Block) and Dr. Lakshmi Yatham (Course Director, Clinical Skills in Psychiatry) handled major roles in the new undergraduate curriculum. Dr. Edwin Tam is a certified instructor in the Management of Aggressive Behaviour.

In 1998, there were four clinical/research fellows in the Division: Dr. Helen Hossie, Dr. I-Shin Shiah, Dr. Sujit Varma, and Dr. Bo Li. Two trainees won awards at the 1998 Department of Psychiatry Research Day. Dr. Rhandawa (supervised by Dr. Lam) received the Award for Best Poster and Dr. Shiah (supervised by Dr. Yatham) received the Tsung-yi Lin Award for best clinical research presentation. Dr. Lam was also an invited research mentor for the Young Researcher's Colloquium sponsored by the American Psychiatric Association.

In October, we held Clinical Medical Excellence 98, a conference on schizophrenia and mood disorders, sponsored by the respective Divisions. Targeted at family physicians, psychiatrists, and mental health professionals, CME98 was *the* premiere psychiatric education event in BC. Never before had such a collection of local talent been together in one program. As part of the conference, CME98 organized free public forums. The Mood Disorders Public Forum, co-sponsored by the Mood Disorders Association of BC, was attended by over 450 people. The evaluations of the speakers and program were uniformly outstanding.

Division of Mood Disorders

RESEARCH

Dr. Lakshmi Yatham and Dr. Athanasios Zis both received new grants in the highly competitive Medical Research Council of Canada competition. Dr. Raymond Lam received a grant from the Canadian Psychiatric Research Foundation. Drs. Lam and Yatham were also principal investigators for a number of clinical trials in depression and bipolar disorder. Although grant years do not follow calendar years, members of the Division held over \$1.6 million dollars in research grant funding in 1997 and 1998.

Publications from the Division included 11 papers in peer-reviewed journals, 4 book chapters, and 3 books or monographs. Dr. Lam published a book, *Seasonal Affective Disorder and Beyond* (American Psychiatric Press), was coeditor of the *Canadian Consensus Guidelines for the Treatment of SAD*, and coauthor of the *Guidelines for the Pharmacologic Treatment of Depressive Disorders* (with the Canadian Network for Mood and Anxiety Treatment, CANMAT).

SPECIAL HONORS AND AWARDS

Several Division members deserve congratulations for their promotions in the Department of Psychiatry: Dr. Raymond Lam to Professor, Dr. Lakshmi Yatham to Associate Professor, Dr. Judith Allen to Clinical Associate Professor, and Dr. Edwin Tam to Clinical Assistant Professor. Dr. Lam was on the Editorial Boards of the *Canadian Journal of Psychiatry*, and *Visions: BC's Mental Health Journal* (published by the Canadian Mental Health Association). Dr. Lam also received several awards from the American Psychiatric Association (APA). He was elected a Fellow of the APA in recognition of his outstanding contribution to psychiatry, received the Nancy A. Roeske Award for sustained excellence in medical student teaching, and was awarded the Lois B. Fuller Memorial Award as the outstanding member of the Western Canada District Branch of the APA. Dr. Yatham was invited to be a member of the Behavioural Sciences grant review committee for the Medical Research Council of Canada and was appointed to the Editorial Board of the peer-reviewed journal, *Bipolar Disorders*.

Raymond W. Lam

DIVISIONS AND PROGRAMS

DIVISION OF NEUROLOGICAL SCIENCES

This has been an exciting and eventful year for the Division of Neurological Sciences. I took over as Head of the Division in January, 1998, following Chris Fibiger's move to the pharmaceutical industry. Over the past year, the Division has continued to play a leading role in research and teaching in Neuroscience at UBC. The Division is the focus of graduate student training in this field, and Peter Reiner has done an outstanding job as director of the Graduate Program in Neuroscience, which underwent an extensive review this year for the Dean of Graduate Studies. Graduate teaching in this program has been reorganized this year into modules, and Lynn Raymond, Tim Murphy and Steve Vincent each coordinate a module in the Cellular and Molecular Neurobiology course Neuroscience 500. Tim Murphy has also coordinated the Neuroscience Discussion Group, a campus-wide seminar series. The members of the Division have also been working closely with Max Cynader, the Director of the Brain Research Centre at UBC, to ensure the success of this exciting venture. We are currently in the process of recruiting a junior faculty member funded in part through funds made available upon the awarding of the Louise Brown Chair in Neuroscience to Dr. Reiner. We look forward to the opportunity to undertake additional recruitment to fill the vacancy created by the departure of Dr. Fibiger, and to thereby maintain the Division as the focus for Neuroscience Research at UBC.

EDUCATION

Graduate Students	Programme	Supervisor	Funding
Abrahams, Brett	Ph.D.	PB Reiner	NRSC
Basiry, Shahin	Ph.D.	LA Raymond	NRSC
Cowan, Catherine	M.Sc.	J Roskams	NRSC
Fleisig, Heather	M.Sc.	SR Vincent	NRSC
Guthrie, Heather	Ph.D.	TP Snutch	NRSC
Hamming, Kevin	Ph.D.	TP Snutch	NRSC
Icton, Carolyn	M.Sc.	PB Reiner	NRSC
Lam, Fred	Ph.D.	PB Reiner	NRSC
MacKenzie, Paul	Ph.D.	TH Murphy	NRSC
Mathews, Eleanor	Ph.D.	TP Snutch	NRSC
Ren, Jihong	M.Sc.	TH Murphy	NRSC
So, Austen	Ph.D.	J Roskams	NRSC
Viswanathan, Vijay	Ph.D.	SR Vincent	NRSC
Zeron, Melinda	Ph.D.	LA Raymond	NRSC

Graduate Degrees Awarded:

El-Husseini, Alaa El-Din (Oct. 1997) Ph.D. Neuroscience

Thesis Title: *Molecular cloning and characterization of a novel ring finger protein: brain expressed ring finger protein (BERP)*

(Supervisor: S.R. Vincent)

Current Position: Postdoctoral Fellow, University of California at San Francisco.

Division of Neurological Sciences

Mills, Julia Lynn (April 1998) Ph.D. Neuroscience.
Thesis Title: *Regulation of Amyloid Precursor Protein Catabolism in vitro.*
(Supervisor: P.B. Reiner)
Current Position: PDF, Tanz Centre for Research in Neurodegenerative Disease,
University of Toronto.

Shayan, Hussein (1998)
M.Sc. Neuroscience
Thesis title: *Two Novel Staining Methods for Combined Functional and Structural Analysis of Single CNS Synapses*
(Supervisor: T.H. Murphy)
Current Position: Medical Student, University of British Columbia

Post-Doctoral Fellows:

Name	Supervisor
Deidre Brin	TP Snutch
Nansheng Chen	LA Raymond
Bruce Connop	PB Reiner
Arik Hasson	TP Snutch
Stephane LeBihan	PB Reiner
Kristi Kohlmeier	PB Reiner
Hiroyuki Nakazawa	TH Murphy
Chris Price	LA Raymond
Kathy Sutton	TP Snutch
Sabrina Wang	TH Murphy
John Willoughby	TP Snutch
Donald Wong	SR Vincent

RESEARCH

Patents & Spin-Off Companies

The basic research being undertaken in the Division is increasingly having commercial implications in the rapidly developing biotechnology field. Faculty in the Division have submitted a number of U.S. patent applications in the past year. Dr. Reiner has successfully launched a new company, Active Pass Pharmaceuticals, Inc., based on research into Alzheimer's disease developed in his laboratory. Dr. Snutch founded NeuroMed Technologies, Inc., a biopharmaceutical company developing therapeutics for neurological disorders.

Patents:

Reiner PB and Connop BP
Method and Composition for Modulating Amyloidosis
U.S. patent pending

Division of Neurological Sciences

Snutch TP and Baillie DL
Novel Calcium Channel Genes and Probes

U.S. patent pending

Vincent SR and El-Husseini A

Tumor Suppressor Gene

U.S. patent pending

Zamponi GZ and Snutch TP

Novel Calcium Channel Antagonists for the Treatment of Pain and Stroke

U.S. patent pending

SPECIAL HONORS AND AWARDS:

Lynn Raymond

Lynn received the James A. and Donna-Mae Moore Award for Medical Research in Parkinson's Disease and Related Neurodegenerative and Movement Disorders in Adults.

Dr. Patrick McGeer

Pat received the Claude P. Beaubian Award from the Alzheimer Society of Canada and was the Faculty of Medicine Distinguished Medical Lecturer this year.

Dr. Juhn Wada

Juhn received the William G. Lennox Award from the American Epilepsy Society for his work as a pioneering neuroscientist and role model as a clinician-investigator.

Steven Vincent

DIVISIONS AND PROGRAMS

DIVISION OF SCHIZOPHRENIA

The Schizophrenia Division is devoted to enhancing the understanding and treatment of schizophrenia through:

1. neuroscientific and clinical research;
2. the development of innovative clinical services,
3. education of medical students, neuroscience students, health professionals and the general public.

ACADEMIC AND CLINICAL PERSONNEL

The academic faculty of the schizophrenia division are Dr. Peter Liddle (Head of Division), Dr. William Honer and Dr. Elton Ngan. The clinical faculty include Dr. William McEwan, Dr. Seimon Altman, Dr. David Irwin, Dr. Kulbir Singh, Dr. Raj Rainer and Dr. Irfan Khanbai. Dr. Emmanuel Stip, from University of Montreal, is a Visiting Fellow in 1998-99. Dr. Sean Flynn holds a Clinician Scientist Award from the Medical Research Council of Canada. Dr. Geoffrey Smith is a research psychologist at Riverview Hospital and Dr. Thomas Ehrman is a clinical psychologist at Riverview and St Vincent's Hospitals. Mr. F. Ott is an Occupational Therapist in the Schizophrenia Day Program. The Schizophrenia Division has 7 graduate students, enrolled in the Neuroscience or Psychology PhD programs, and 8 research technicians.

CLINICAL SERVICES

The members of the Division contribute to clinical services patients with schizophrenia at Vancouver Hospital, 12 & Oak Site (Dr. Ngan, Dr. Singh, Dr. Rainer); Vancouver Hospital, UBC site (Dr. Liddle, Dr. Irwin, Mr. Ott); Riverview Hospital (Dr. Honer, Dr. Flynn, Dr. Altman, Dr. Erhman, Dr. Smith) and St. Vincent's Hospital (Dr. McEwan, Dr. Khanbai, Dr. Erhman) and within Greater Vancouver Mental Health Services (Dr. Liddle, Dr. Altman). The Division has two special programs:

Refractory Psychosis Program: This service for patients with severe persistent psychotic illness has two components, one based at Riverview Hospital and the other at St. Vincent's Hospital. This service has continued to play a leading role in the use of the second generation of antipsychotic drugs in clinical practice.

Young Schizophrenia Program: This service has the object of minimising long term disability in schizophrenia by early assessment and intervention in a manner that places emphasis on fostering the patient's understanding and collaboration in treatment. At present, the resources for this service comprise 5 in-patient beds at Vancouver Hospital, UBC site, and the Schizophrenia Day Program based at UBC. During 1998, a comprehensive proposal for an expansion of this service was submitted to Vancouver Richmond Health Board and is currently being reviewed by the Ministry of Health.

EDUCATION

The Division has continued to contribute to undergraduate teaching; training of graduate students and psychiatry residents; continuing medical education for qualified physicians; and public education about schizophrenia. Important contributions in 1998 include tutoring in the new undergraduate medical curriculum and the collaboration with the UBC Mood Disorders Division in producing CME98, a three day conference on management of schizophrenia and mood disorders, including sessions for general practitioners, psychiatrists and the general public. Dr. Honer was one of nine psychiatrists and researchers from across Canada who formed the Working Group which wrote the Canadian Clinical Practice Guidelines for Schizophrenia. These were published in November and will hopefully have a significant impact on improving the care of individuals with schizophrenia.

RESEARCH

The two major areas of research of the schizophrenia division are neuro-imaging and the investigation of synaptic function. The neuro-imaging investigations employ Positron Emission Tomography (PET), Magnetic Resonance Imaging (MRI), Magnetoencephalography (MEG) and Event Related Electrical Potential recording (ERP) to explore the structure and function of the brain in schizophrenia. Synaptic function is investigated using immunocytochemical markers for synaptic proteins. Achievements in 1998 include the following:

1. Functional MRI studies have provided further evidence supporting the hypothesis that the cardinal abnormality of cerebral function in schizophrenia is a disorder of the co-ordination of cerebral activity in different brain sites.
2. Using PET, we have demonstrated that the therapeutic effects of antipsychotics are related to changes in function in the frontal and temporal lobes of the brain, and that furthermore, these changes become discernible immediately after the first dose.
3. Employing a novel method for measuring myelination of the brain, Dr. Flynn has obtained evidence of abnormal formation of the myelin sheaths that insulate nerve fibres connecting different brain sites, in schizophrenia.
4. Dr. Honer's team have obtained further evidence of abnormalities of synaptic proteins in hippocampus and frontal cortex in schizophrenia.
5. Dr. McEwen, Dr. Flynn and Dr. Irwin participated in clinical trials of novel antipsychotic drugs including the International Suicide Prevention Trial- Clozapine vs. Olanzapine (Novartis Canada) and the HMR 100907 trial (Hoechst Marion Roussel Canada).
6. We have continued a series of neuropsychological investigations directed at understanding the nature of the mental processing abnormalities in schizophrenia.

The members of the Division published 23 papers in peer reviewed journals, and 18 abstracts of conference presentations in 1998. Further details of our research and publications are provided on our website (www.psychiatry.ubc.ca/sz). In 1998 the research of the Division has been supported by grants from MRC, BC Health Research Foundation and the Norma Calder Foundation.

Division of Schizophrenia

Dr. Liddle was invited to join the MRC Behavioural Science B committee and continued to serve on the scientific advisory board of the EJLB Foundation. Members of the Division were invited to talk at many international meetings. In particular, Dr. Liddle was invited to speak at 'Update

on Diagnosis and Management of Schizophrenia', Paris; Montreal Neurological Institute schizophrenia lecture series, the European Regional Neuroscience Meeting, Cannes; Biological Psychiatry Meeting, Toronto; American Psychiatric Association Meeting, Toronto; the Association of European Psychiatrists Meeting, Copenhagen; UBC- Hong Kong University PEARL neuroscience conference in Hong Kong; and at Schizophrenia 98 in Toronto. Dr. Honer was invited to speak at: the UBC- Hong Kong University PEARL conference in Hong Kong, the European Neurosciences Meeting in Berlin, and at Schizophrenia 98 in Toronto.

SPECIAL HONOURS AND AWARDS

Dr. Sean Flynn received a Clinician Scientist Award from the Medical Research Council of Canada to continue research training in schizophrenia.

Peter Liddle

DIVISIONS AND PROGRAMS

DIVISION OF SEXUAL MEDICINE AND CENTRE FOR SEXUALITY, GENDER IDENTITY & REPRODUCTIVE HEALTH

This year was again a time of both challenge and accomplishment for the clinicians, teachers and researchers in the Division and within our three subspecialty programs at VHHSC.

CLINICAL SERVICES

We continued to respond aggressively to the demand for clinical service. As a reflection of the especially sensitive spectrum of enquiries that characterize assessment and treatment of Sexual and Gender Identity Disorders, patient visits were generally more labour-intensive and time-consuming than in some other areas of psychiatry and this difference was evident in the statistics on these indices. However, in the period from April 1997 to March 1998, and despite the loss of a full-time psychiatrist, Dr. Donna Hendrickson, in the latter half of 1997, we saw a total of 4,599 patient visits. Another feature of our patient population is suggested by the 40% of referrals that came from specialist colleagues and the significant percentage of patients from outside the Lower Mainland. In this sense, the facility genuinely functions as a Tertiary Outpatient Program, clinically and geographically. In order to extend our service as broadly and efficiently as possible, clinicians also maintained efforts to provide ongoing telephone consultations to family physicians or specialists from around the province so that patients could be managed in their home communities.

EDUCATION

The Division of Sexual Medicine was extremely busy in 1998 as we addressed the increased teaching opportunities and obligations in the new undergraduate curriculum and continued to provide a range of postgraduate and CME activities. Sexual Medicine is represented in several different courses across the four years of medical school. Drs. Rosemary Basson, Stacy Elliott, Oliver Robinow, Ronald Stevenson and Diane Watson are regularly involved, as is our social worker, Ms. Darlynn Gehring, in facilitating much of this teaching. Specific details will be available elsewhere, but the breadth of topics is represented in the following:

Year 1

Lectures within FM401 on Human Sexuality; seminars and lectures in the FERGU and Endocrine blocks (including sessions on Sexual History Taking in Men, Genital Anatomy, Genital Examination, Sexual Physiology, Sexual Endocrinology) and seminars on Human Sexuality during Doctor-Patient-and-Society course. Dr. Basson was particularly instrumental in coordinating these courses and Dr. Elliott served as a Week Captain for the Endocrine block. Dr. Maurice served as co-director of the Communications Skills course.

Year 2

Reproduction, Growth & Development: lecture and seminar topics included Physiology of the Sex Response; Sexual Desire; and Sex History Taking in Women. Dr. Elliott was Week Captain for the section on Ovulation. Brain & Behaviour: Dr. Stevenson is the Co-director of the Clinical Skills' portion for this course for general psychiatry. Sex Medicine is represented during the problem-based component with a lecture on the Neurophysiology of Sexual Reflexes.

Division of Sexual Medicine
and Centre for Sexuality, Gender Identity & Reproductive Health

Year 3 - Phase IV

On a year-long rotation basis, we provide afternoon seminars on “Management of Common Sexual Dysfunctions and Disorders” during the Psychiatry rotation, and on “Sexual Concerns” during the Ob/Gyn rotation.

Year 4

Four-week electives in Sexual Medicine were developed to begin in the New Year – we were oversubscribed for this opportunity, but look forward to accommodating as many students as we can in 1999.

At the postgraduate level, Dr. Elliott provided lectures to Rehabilitation Medicine residents at GF Strong Hospital and the School of Rehabilitative Medicine, UBC. Drs. Thomson and Basson supervise rotations of two Ob/Gyn residents who receive 2 half-days of clinical experience in the unit continuously through the year. Family Practice Residents receive 4-6 weeks half-day clinical experience in Sexual Medicine with Dr. Basson electively throughout the year. They also have lectures in Sexual Medicine in both years of their residency, and also during the Rural Family Practice Program. A clinical experience was given to the Ob/Gyn Fellow half-day a week for 5 weeks (Dr. Basson - April/May 1998). Dr. Maurice continued to co-ordinate the series of Sexual Medicine seminars for Psychiatry Residents.

We cannot list the extensive number of presentations given by all our staff, but we want to highlight the active involvement of all the clinicians at VHHSC in providing CME activities to the community of university and hospital-based health care professionals, as well as to lay groups. The audiences at these presentations span all disciplines and interest groups. Amongst several noteworthy accomplishments was the success of Drs. Basson and Elliott, as key members of a National Committee, in developing one of the first MAINPRO-C courses for the College of Family Physicians of Canada – a full day seminar on Male Sexual Dysfunction. Dr. Elliott also co-organized a 3-day course to urologists and family practitioners at University of Calgary.

RESEARCH

In a field of study in which it is notably difficult to obtain research funding, the members of the Division were able to attract a total of \$194,125 in grants concerning treatments for sexual disorders. In addition, several members were active in other areas of psychiatric research (eg. treatment of panic disorder), attracting further new grants of \$29,750.00.

SPECIAL HONORS AND AWARDS

We are particularly proud to report the increasing national and international recognition attained by our clinicians and researchers: Dr. Basson became a Full Member of the International Association of Sex Research; was an invited member to the Canadian Sexual Health Council; was an invited member to the Boston Conference of the International Expert Consensus Committee on Female Sexual Dysfunction (aimed at redefining DSM-IV nosology for Female Sexual Desire); was an invited member to the London, England, Conference of the International Expert Committee of Female Sexual Arousal and Dysfunction (investigating pharmacological approaches to the treatment of female sexual disorders); and was a key

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member and co-author of a new nationally-sponsored medical education course (MAINPRO-C) for the College of Family Physicians of Canada.

Dr. Elliott (together with Dr. Mark Nigro) received a \$13,500 grant from the BC Neurotrauma Rehabilitation and Injury Prevention Project for development of a new Web Site (“Getting the Information Out! A website for Accessible Information on Sexual Health and Fertility Following Spinal Cord Injury and/or Traumatic Brain Injury”). Dr. Elliott was also an invited member of the Canadian Male Sexual Health Council; was an invited member of the CME Erectile Dysfunction, GP Advisory Board for Janssen–Ortho, Inc; was an invited member of the Erectile Dysfunction Advisory Board for Pfizer Canada; and was a Co-Chair of the Assembly of Invited Council on the Formation of a National Center of Excellence for Sexual Rehabilitation and Fertility for Persons with Spinal Cord Injury. Dr. William Maurice published a book entitled “Sexual Medicine in Primary Care”.

In April 1998 our former Co-Director, and now Professor Emeritus of Psychiatry, Dr. George Szasz, was officially welcomed in Ottawa for presentation of the Order of Canada bestowed for his internationally respected contributions to the field of human sexuality.

Other notable events and accomplishments: Dr. Watson stepped down as Medical Director (October 1998) to assume a greater clinical role in the Gender Dysphoria Program; was Chair of the Medical Advisory and Academic Committee, Executive Committee MAAC, and Education Committee; was Co-Chair of Joint Academic and Advisory Committee; became a non-Voting Member of VHHSC Board of Trustees, and VHHSC Executive, Board of Trustees; was a Member of Joint Conference Committee of Board, Quality Improvement Committee of Board, and Executive BC Psychiatric Association. Mr. Blaine Beemer continued in his role as Chair of the Hospital/Community Liaison Committee for Transgendered Issues, coordinating regular meetings between our program and key community advocacy groups. Ms. Christine Burnham has been very active in Patient Satisfaction and Needs surveys with respect to the transgendered population served by the Gender Dysphoria program; she has also been active provincially with surveys of electrologist colleagues, and with organizing a provincial conference for this group.

Ms. Marci Ekland is advancing toward a Masters of Science in Nursing at UBC. Ms. Darlynn Gehring registered in August 1998 as a PhD candidate with the California Coast University, with an interest in Human Sexuality and Developmental Psychology; served as a member of the Department of Psychiatry Committee on Morbidity & Mortality; served as a member of the Department of Social Work Education Committee. Ms. Shannon Griffin is continuing to pursue Bachelor of Science in Nursing at UBC. Dr. Stevenson served as the Department of Psychiatry representative on the Clinical Skills Committee for the new Undergraduate Curriculum, and as Co-Director for the Clinical Skills portion of the Brain & Behaviour Course for 2nd year students.

Ronald W.D. Stevenson

DIVISIONS AND PROGRAMS

COOPERATIVE UNIVERSITY-PROVINCIAL PSYCHIATRIC LIAISON (CUPPL)

The mandate of the Cooperative University-Provincial Psychiatric Liaison (CUPPL) is to facilitate and foster a working partnership between the University and provincial government

ministries, and mental health agencies in order to achieve better trained community psychiatrists, improved clinical services, enhanced policy, planning and legislative performance, better service system research and evaluation, and continuing health care education to professionals as well as to the lay population.

CUPPL is funded by the Ministry of Health and Ministry Responsible for Seniors, and by the Ministry for Children and Families, and their respective regional offices and agencies. Funding is provided through annual contracts. For the calendar year 1998, CUPPL was awarded thirty-two contracts, each contract outlining the specific services/projects requested of CUPPL, and identifying specific dollars to be provided for each service contracted.

CUPPL, administered by the Department of Psychiatry, is an interdisciplinary program of the University of British Columbia that seeks to make the University's expertise in mental health and related fields available to communities throughout the Province. The interdisciplinary nature of CUPPL enables us to partner with diverse ministries, agencies, ethnocultural groups, and community groups to develop multidisciplinary approaches to address mental health problems and to facilitate knowledge transfer.

Some of the developments during the calendar year 1998 are highlighted below.

PSYCHIATRIC OUTREACH

This service is the oldest and most needed service in the province, because it provides a reprieve to the problem of recruiting and retaining psychiatrists in small rural as well as urban areas of the Province. CUPPL provides regular psychiatric outreach to catchment areas where there are no psychiatrists, or to augment the psychiatric care where the existing resources are inadequate. This service has three components: outreach to a) children, youth and their families; b) adults; and c) the elderly. Some 83 psychiatric consultants are employed by CUPPL. Each psychiatrist visits a designated catchment area on an ongoing regular basis for a two-day period. The service provided includes direct clinical assessment of patients, indirect consultation with the referring physician or agency in the community, training to mental health care professionals, and telephone consultation to physicians and other health care professionals working in the community. The primary approach of psychiatric outreach to the elderly is education to physicians and multidisciplinary geriatric teams, through clinical case reviews involving a multidisciplinary approach.

The following figures indicate the extent of psychiatric outreach during calendar year 1998:

1. Adult: 46 psychiatric consultants made a total of 234 visits to 24 catchment areas providing direct services to 3600 clients;

CUPPL

2. Child and Youth and their Families: 36 consultants made a total of 209 visits to over 23 catchment areas
3. Elderly: 14 consultants made a total of 49 visits to 13 catchment areas.

RESIDENT PARTICIPATION PROGRAM

Psychiatric residents are encouraged to accompany the outreach psychiatrist. The benefit to residents include receiving one-to-one training with the supervising psychiatrist, and learning the

practice of community psychiatry. This service also provides residents with the opportunity to explore the possibility of setting up practice in a small community upon completion of their training. This program is useful for all concerned. Residents enjoy this experience as they have the option to choose the catchment area they visit, and the supervising psychiatrist they accompany.

During the 1998 calendar year 26 residents made a total of 48 visits to 18 catchment areas.

GENERAL/FAMILY PHYSICIAN TRAINING IN PSYCHIATRY

Training for family physicians is undertaken by CUPPL either in small groups or on an individual basis. The training is designed to meet the specific needs of the area, and is augmented by telephone consultation with a CUPPL psychiatric consultant as needed.

CONTINUING MENTAL HEALTH EDUCATION

CUPPL is recognized for its experience and expertise in designing and implementing first rate and relevant conferences and workshops in mental health for mental health and allied professionals across the province. Presenters are chosen for their current research, clinical expertise in a specific area, effective communication, and understanding and adapting their presentation to the specific needs of small communities. Beyond providing the latest research and tools for health care delivery, these training events bring together professionals from diverse disciplines, government ministries, and agencies to provide them with a common information base, and to facilitate networking and a team approach in dealing with their clients. All continuing mental health education and training events are evaluated by CUPPL in order to provide quality assurance and to meet accreditation requirements by the College of Family Physicians of Canada. During the calendar year 1998 the following workshops were implemented:

1. Presentation on Schizophrenia, Prince Rupert, BC
2. Managing the Hostile Individual, Prince George, BC
3. Two workshops on Mental Health of the Elderly (May and September), Smithers, BC
4. Treatment of the Traumatized Child and Adolescent, Victoria, BC
5. Impact of Migration Across the Life Cycle, Vancouver, BC
6. The Future of Psychoanalytic Psychotherapy and Psychoanalysis in Vancouver: A Hopeful Perspective, Vancouver, BC
7. Journeys from the Problem Universe to the Solution Universe: Solution Focused Treatment of Adolescents and the Chemically Dependent, Campbell River, BC
8. Family Therapy Training (3 modules, 3-days per module), Prince George, BC

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In addition four adult training events and five child and youth training events were designed to be implemented in 1999.

MULTICULTURAL MENTAL HEALTH PROGRAM

The Multicultural Mental Health Program aims at providing community development, training and psychiatric outreach. The following activities were completed in 1998.

Community Development: A partnership was established between Multicultural Mental Health,

CUPPL and the Affiliation of Multicultural Societies and Service Agencies of BC (AMSSA) in order to promote a collaborative approach to community development in multicultural mental health. Through this partnership, a community development process was employed where communities assess the mental health needs of minority cultural groups in their area, and develop local responses to meet those needs. The long-term objectives of this initiative are to:

- a) Influence changes in the delivery of mental health services in order to make services culturally appropriate and accessible to ethnocultural groups;
- b) Ensure that ethnocultural groups have representation on or formal linkages with the local Regional Health Board, Community Health Council or Mental Health Advisory Committee;
- c) Develop a community development template that can be generalized to other communities across the province to facilitate the development of culturally sensitive health and mental health services.

Two pilot sites were chosen, one in Penticton and another in Campbell River, the first in partnership with the Penticton & District Multicultural Society, AMSSA, and the second with the Campbell River Multicultural and Immigration Services (MISA). Through working groups consisting of health care providers, administrators, and ethnocultural groups a needs assessment was developed identifying the barriers for accessing services, solutions were proposed, and a report is to be submitted to Regional Health Board or Community Health Service Society, as the case may be, requesting representation by two ethnocultural members on the Mental Health Advisory Committee.

Public Education: The Multicultural Mental Health Program at CUPPL coordinated the taping of a series of educational presentations dealing with mental health issues aired on Rogers multicultural channel. A total of nine programs were delivered by psychiatrists in various languages.

Professional Training: The Multicultural Mental Health Program at CUPPL hosted its fourth Annual Conference in April 1998. The theme of this ethnocultural mental health conference was "Migration Across the Life Cycle." The conference attracted a multidisciplinary group of approximately 150 professionals working in the field of multicultural mental health.

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SUICIDE PREVENTION INFORMATION & RESOURCE CENTRE (SPIRC)

The Suicide Prevention Information & Resource Centre (SPIRC) is a Provincial program funded by the Ministry for Children and Families (MCF). The primary role of SPIRC is to advance and support MCF's Provincial youth suicide prevention strategy.

1. Community Consultation and Support: The following projects were completed:
 - a) *Community Consultation and Support: A Manual of Best Practices in Youth Suicide Prevention (June, 1998):*
 - This Manual was prepared in consultation with a range of mental health service

providers, school sector representatives, community agency leaders, and government decision-makers following a two-day provincial forum on youth suicide prevention in BC;

- One thousand copies of the Manual were distributed throughout BC and across Canada and the program is planning a second printing due to the overwhelming demand for additional copies from approximately 300 individuals and agency representatives requesting 900 additional copies.

b) *Community Demonstration Projects:*

- SPIRC organized a provincial call for proposals to communities around the province interested in serving as a demonstration site for the implementation of a comprehensive approach to youth suicide prevention which includes the implementation of many of the best practices strategies;

- Eleven communities were shortlisted for further consideration; (final selections will be in early 1999);

- The Ministry for Children and Families (MCF) provided funding to support the development and implementation of the community demonstration sites;

- A program evaluation consultant provided ongoing support to selected communities in the development of their community-level evaluation plans, and will complete a provincial evaluation of the overall initiative.

2. Education and Training:

a) *Specialized Clinical Training in Suicide Assessment, Management, and Treatment of Suicidal Children and Youth*

- SPIRC, working in collaboration with SAFER Counselling Services developed advanced-level training for child and youth mental health clinicians working for MCF;

- Workshops will be offered in local communities around the province upon request in 1999.

3. Information Collection and Dissemination:

a) *Coroners' Dataset*

- Psychosocial summary data for all suicides in BC from 1994 to 1997 have been collected and entered into SPIRC's database.

CUPPL

b) *Lifenotes Newsletter*

- One issue of the newsletter was published and distributed in 1998 to over 1000 individuals across BC.

4. Conference Planning:

Canadian Association for Suicide Prevention (CASP) Conference 2000

- The Director of SPIRC will be co-chairing this national conference to be held in Vancouver, October 11-14, 2000, entitled, Suicide in Canada: Exploring Our Diverse Landscape;

- The Program Planning Committee has been meeting regularly to develop a high-quality

program which reflects the diverse range of needs and interests that exist across Canada in suicide prevention.

PLANNING, EVALUATION AND COMMUNITY DEVELOPMENT

CUPPL continues to work as the Secretariat for the Northwest Regional Mental Health Advisory Committee (NWRMHAC). In this capacity CUPPL is involved in multi-dimensional and interdisciplinary partnerships with the Region. The NWRMHAC considers it vital to rely on its affiliation with CUPPL, to undertake proactive and vigilant management of various projects that require further development in order to expedite regionalization in the Northwest. CUPPL provides interactive linkages between the Northwest mental health system, Department of Psychiatry, UBC and external regional and provincial organizations. This facilitation is an interactive one: while CUPPL, UBC facilitates program development and service implementation, the Northwest affords CUPPL the opportunity to look to the Northwest as a pilot site for resident training, community psychiatry, community development, and research.

The following activities were undertaken during this period:

1. Revision of "A Regional Model For Mental Health Services in the Northwest." This proposal, initially developed by CUPPL, is an integrated model for mental health service delivery in the Northwest Region.
2. As the Secretariat for the NWRMHAC, CUPPL organized, implemented and attended five NWRMHAC meetings. Business arising from meetings dealt with by CUPPL involved request for funding from the MOH for the Northwest and assisting with recruitment, training and consumer issues. The role of CUPPL as the Secretariat is to help the NWRMHAC accelerate the regionalization process.

FIRST NATIONS COMMUNITY DEVELOPMENT

In late 1997, the Gitksan Health Authority requested CUPPL, UBC to develop a plan for the provision of mental health services to the Gitksan. In order to develop a comprehensive, integrated Gitksan Mental Health System, CUPPL, UBC completed an extensive review of the literature to identify the components of a mental health system suitable for First Nations cultures, and conducted over one hundred interviews with Gitksan front-line workers, representatives from all the Gitksan communities, as well as external service providers and consultants who currently provide service to the Gitksan.

CUPPL

The resulting document, "Proposal for a Comprehensive and Integrated Gitksan Mental Health System" was approved by the Gitksan Health Authority and funding was set aside to implement this plan during 1999.

CUPPL also provides ongoing family counselling outreach to deal with mental health issues due to substance and alcohol abuse, family violence, sexual abuse, etc.

Diana Lambrou
Executive Director

DIVISIONS AND PROGRAMS

CROSS CULTURAL PSYCHIATRY PROGRAM

In the fiscal year 1997-1998, the Cross-Cultural Program focussed on community education and improving teaching for undergraduate and postgraduate education. Community development was also expanded, with grants and support from the Ministry of Health through CUPPL, UBC.

The areas of development and enhancement involved:

PATIENT CARE

The Cross-Cultural Program has a clinic, at the Outpatient Department of Vancouver Hospital, 12 & Oak Site, which consists of seven psychiatrists, with a resource of 402 sessions (less than one full-time equivalent), and one visiting psychiatrist from Japan who runs a Japanese clinic for one week every two months. This is a unique clinic which, although based only on medical resources, was able to participate more integratively with the general ambulatory care program, so that, in addition to individual therapy, patients were also able to participate in group therapy in a more integrative way with non-cross-cultural patients. The program also offers counselling for families and children, relying on counselling psychology students who do rotations at the clinic. In the past year, the clinic has offered more than 3,000 individual sessions and treated nearly 400 new patients. Despite that heavy workload there was virtually no waiting list. Most patients referred were quickly assessed and offered a holding environment, pending further indepth assessment. The program staff offered direct service in twenty-one different dialects, but occasionally required the service of an interpreter, which is provided by the hospital. The clinical service continued to work closely with the Vancouver Association of Survivors of Torture (VAST). Residents and medical students who go through an elective rotation at the Cross-Cultural Clinic also have a clinical placement at VAST. The program is also able to support one GP session, based at VAST, for physical examination, if required. The partnership between VAST and the clinic helps enhance service to refugees and immigrants who have been victims of torture. Dr. Wahan Wanis continued to provide psychiatric assessment for victims of torture in the clinic with the support of Dr. Jamal Mirmiran and Dr. Peter Chan.

EDUCATION

The program psychiatrists participate actively in undergraduate teaching at the VHHSC, 12 & Oak Site. Dr. Allan Wong, Dr. Peter Chan and Dr. Raj Raina are leading forces in providing ongoing academic lectures to medical students in third and fourth year. The East 1 Inpatient Unit and the Cross-Cultural Outpatient Clinic offer a combined elective rotation for medical students and residents in psychiatry. Dr. Wahan Wanis is the PGE Director at the VHHSC, 12 & Oak Site and works as well with Phase IV and Phase V students.

Community education also expanded during the fiscal year, with Dr. Hiram Mok, Dr. Allan Wong, Dr. Kay Young, Dr. Kulbir Singh, Dr. Fumitaka Noda and Dr. Raj Raina contributing to several workshops organized by non-profit organizations, Greater Vancouver Mental Health Services in the Vancouver/Richmond region and also in the South Fraser Region. Public education was also expanded to several radio and TV programs on Rogers Cable and local

Cross-Cultural Psychiatry Program

radio programs. Dr. Fumitaka Noda runs a regular program on Japanese radio and also

moderates consecutive workshops on intermarriage between Japanese and Canadians. He also runs a regular program on Japanese TV. Dr. Soma Ganesan, Dr. Kulbir Singh and Dr. Jamal Mirmiran offered several programs on cable TV on the subject of drug and alcohol use by adolescents, post traumatic stress disorder, adaptation and acculturation. Those programs targeted the multicultural population. Dr. Wahan Wanis also participated in a Spanish-speaking program and made presentations in Calgary organized by the Catholic Immigrant Services regarding treatment challenges for victims of torture.

Dr. Greg Passey is involved in making presentations on PTSD to the Canadian Armed Forces and provides direct clinical services and debriefing to Armed Forces personnel.

All the psychiatrists in the program continue to run sociocultural workshops for first-year medical students in August of every year. The teaching of PGY2, PGY3 and PGY4 continues to be maintained. The program continues participation with CUPPL, UBC in running an annual cross-cultural day to educate health care service providers on cross-cultural issues. Last year's annual conference attracted more than 150 participants from different disciplines with the topic of Migration Across the Life Cycle. The sixth annual conference is scheduled for October, 1999.

RESEARCH

The program receives moderate seed funding from Riverview Hospital to do a retroactive study on treatment outcome of patients admitted to the Cross-Cultural Unit at Riverview Hospital. The research title is "Ethnicity and Outcome Following Discharge: An Examination of Social Support and Pharmacotherapy" and will be completed by March 31, 1999. Other community-based research is being developed by the psychiatrists in the program, in partnership with the community. The Cross-Cultural Program also cooperates with the Vancouver Hospital Trauma Unit to develop a research protocol on victims of trauma and post-traumatic stress.

COMMUNITY INVOLVEMENT

Several psychiatrists in the program also participate and are active in regional, provincial, and national Task Forces. Dr. Kulbir Singh is a member of the RCMP Commission Advisory Committee on Visible Minorities. He is also the Secretary of Physicians Interested in Southeast Asia. Dr. Soma Ganesan is a member of the Provincial Mental Health Advisory Council to the Ministry of Health. He has also recently been appointed to the Provincial Forensic Service Commission. Dr. Ganesan continues to provide psychiatric support and critical incidence debriefing and training for volunteers returned from overseas assignment with *Medices Sans Frontière* (Doctors Without Borders).

Dr. Peter Chan and Dr. Soma Ganesan have provided individual and system critical debriefing to Immigrant Services Society, S.O.S. and its workers.

Dr. Kulbir Singh has published extensively in several community magazines on issues related to multicultural mental health.

Cross-Cultural Psychiatry Program

Dr. Hiram Mok has assisted in developing brochures in Chinese published by Greater Vancouver Mental Health Services on neuroleptics and depression.

Dr. Kay Young, Dr. Hiram Mok and Dr. Allan Wong participated in organizing an Annual

Chinese Mental Health Workshop at the Chinese Cultural Centre. Together with CUPPL, the program has developed two more sites (Penticton and Campbell River) involving service providers and multicultural communities at these sites in a cooperative effort to create a culturally-sensitive Mental Health Service in each area.

The program will continue to emphasize community involvement, development, training and education, enhanced by ongoing teaching and research activities at Vancouver Hospital, 12 & Oak Site and Riverview Hospital.

Soma Ganesan

DIVISIONS AND PROGRAMS

EATING DISORDERS PROGRAM

ADMINISTRATION

This past year the clinic has undergone a reorganization of the administration with the appointment of Shawna Goodrich as Clinical Director, Dr. Pierre Leichner as Psychiatric Director and Linda Lauritzen as Provincial Nurse Coordinator. After many years of commitment to the clinic's program development, the previous directors Vicki Smye and Dr. Elliot Goldner have resigned. Dr. Goldner continues in the position of Provincial Director. In addition, Dr. Josie Geller was appointed to the position of Research Coordinator and Dr. Suja Srikameswaran was selected as the clinic's Practice Leader.

CLINICAL SERVICES

The clinic has progressively shifted its treatment philosophy in accordance with the BC Health Reform guidelines to gradually change the emphasis of health care to a shared model with community health care providers. In keeping with this movement we are hoping to introduce a new treatment program in the spring with the collaboration of community health care providers.

The recent advancements in the field of eating disorders has led to a new approach in the treatment of eating disorders. The approach, termed Motivational Enhancement Therapy, is currently being researched and practised in some of the clinic's programs. It is an approach that originated in the substance abuse field as a method of engaging hard to reach clients. It focuses on encouraging clients to address their ambivalence with regard to relinquishing eating disorder behaviors by acknowledging the inherent barriers to change.

The Community Outreach Partnership (COPP) has introduced a part time case management position. This position was designed to facilitate the admissions of COPP clients to medical units within St. Paul's Hospital. The position was developed to increase the efficiency of admissions and discharges in partnership with community providers.

TEACHING

Undergraduate Program: The Eating Disorder Clinic staff continue to provide training and supervision to medical and nursing students.

Postgraduate Program: The Postgraduate training program provides internships to both psychology and social work students. A psychiatric residency rotation and fellowship will be developed in the upcoming year. There have been preliminary discussions with the UBC residency training program to develop an eating disorder elective for general practitioners, pediatricians, and internists.

Pierre Leichner

DIVISIONS AND PROGRAMS

NEUROPSYCHIATRY PROGRAM

The Neuropsychiatry Program at UBC Hospital has continued to flourish. There are ten inpatient beds sited on 1 West. Outpatients are seen in the Detwiller Pavilion and are seen by Drs. Leon Berzen, Trevor Hurwitz, and Anton Scamvougeras. Dr. Rosemary Wilkinson, Neuropsychologist, provides neuropsychological testing.

Both the inpatient and outpatient arms remain under pressure to provide service to the province. Waiting lists remain long and are now up to 9-12 months for both in and outpatient assessments. Fifty-five percent of inpatients come from outside the lower mainland.

The Neuropsychiatry Program continues to provide training for residents in both psychiatry and neurology as well as third year medical students and medical student interns. A weekly neuropsychiatry academic round is held each Wednesday between 11:00 - 12:00 hours. Presentations are rotated through participants and topics and discussions have been stimulating and educational.

Members of the Neuropsychiatry Program participate in the Neuroscience Course providing lectures to second and third year residents.

Neuropsychiatry is a growing program in the Department of Psychiatry. Current members include: Drs. Campbell Clark, Leon Berzen, Anton Scamvougeras, Trevor Hurwitz, Margot Genge, Lynn Raymond, and Rosemary Wilkinson.

Trevor Hurwitz

EDUCATIONAL PROGRAMS

UNDERGRADUATE EDUCATION PROGRAM

The year has been a very busy one and, as in previous years, we have relied heavily on clinical faculty.

COURSE DIRECTORS

This year the course directors were: Dr. William Maurice for Communication Skills, Dr. Jonathan Fleming for Phase IV, Dr. Jane Garland for the last offering of the MSI program, and Dr. Raymond Lam for the last offering of Psychiatry 425. Drs. Ronald Stevenson and Lakshmi Yatham are coordinating the clinical skills portion of the Brain and Behaviour Block and they have worked on this in 1998 (this will incorporate some of the teaching from Psychiatry 425, where students interviewed at least one patient in one of six weeks and together with a small group of eight student peers, they discussed the mental status).

NEW CURRICULUM

The year 1997-1998 heralded the first year of the new problem-based learning (PBL) curriculum in the Faculty of Medicine and the Department of Psychiatry played a major role in bringing this curriculum to fruition. Some of the major contributors to the curriculum are listed below, but many others were involved as case writers and tutors.

Name	Phase or Block Committee	Role
Dr. Rosemary Basson	Phase II, Metabolism/Endocrine Block	Week Chair
	Phase II, Growth and Development Block	Member
Dr. Campbell Clark	DPAS Themes	Member
Dr. Elaine Drysdale	DPAS Themes	Member
	Phase II, Blood and Lymph Block	Member
Dr. Stacy Elliot	Phase II, Growth and Development Block	Member
	Phase II, Reproduction Block	Week Chair
Dr. Stuart Fine	Phase II, Growth and Development Block	Week Chair
	Undergraduate Education Committee	Chair
Dr. Jon Fleming	Undergraduate Curriculum Executive	Member
	Phase IV (clinical clerkship)	Committee Chair
	Phase V (electives)	Member
Dr. Jane Garland	DPAS	Past Committee Co-Chair

Dr. William Honer	Phase II, Brain and Behaviour Block	Week Chair
Dr. Kerry Jang	Phase II	Tutor Trainer
Dr. Bill Maurice	Clinical Skills I (Communication Skills)	Member and Coordinator
Dr. Lynn Raymond	Phase VI (back to the basics)	Member
Dr. Ron Stevenson	Clinical Skills II (interviewing)	Member
Dr. Steven Taylor	Phase II, Brain and Behaviour Block	Week Chair
Dr. Allan Wong	Phase V (electives)	Member
Dr. Lakshmi Yatham	Clinical Skills II (interviewing)	Coordinator

COMMUNICATION SKILLS

Communication Skills takes place within the first 12 weeks of the Clinical Skills course which, in turn, exists through the two years of Phase II. The Communication Skills course is jointly administered by the Department of Psychiatry (W. Maurice) and Family Practice (J. Masuhara) and the Faculty of Dentistry (C. Clark). The class of 160 students (120 from Medicine and 40 from Dentistry) is divided into 20 groups of 8 students. Each group has two instructors including 15 from Psychiatry, 20 from Family Practice, and 5 from Dentistry. The sessions are 2 hours in length and the course extends from September to December.

The focus of the course is on learning interviewing skills. Students practice interviewing one another and subsequently interview a patient brought to the course by the Family Practice instructor. Students also interview a second patient which, for the first time, had as the principal objective integrating interviewing skills with some aspects of a traditional medical history (family and past medical histories). All interviews are videotaped. Students review their tapes and write a self-critique. Cultural aspects of the interview are the special focus of one session. On this occasion, each student provides an oral and written report to the group on an interview conducted with a person from another culture.

Students and tutors are both provided with a manual. The student manual includes a one page itemized list of interviewing topics titled "Interviewing Skills Guidelines: (ISG); a commentary on the ISG written by William Maurice; an article on giving feedback, and articles on various issues relating to interviewing.

Included in the evaluation of students is an in-class mark, an appraisal of the written self critique and cultural interview, and a portion of two OSCE exams (December and June). Students evaluate instructors and the course by using the medical school's web site.

PHASE IV CLINICAL CLERKSHIP

In the academic year 1997-1998, the clinical experience of our clinical clerks changed as preparations were made to implement the recommendations of the Strategic Planning Document on the Undergraduate curriculum. The major change has been an increase in clinical time from 6 to 8 weeks. The interim program (running from 1997 until December 1999) will be similar to the final offering of this course although there will be a significant overlap (Classes of 2000 and 2001) between August and December 1999.

Due to significant contributions of our clinical faculty and the cooperation of all the teaching hospitals (Vancouver Hospital - UBC Hospital and 12 & Oak, St. Paul's Hospital, BC Children's and Riverview Hospital) and two of the Community Care Teams, we have provided a sound core clinical experience for the interim students. In this following year we will build on this program and enhance it.

The Phase IV Clinical Clerkship provides a core clinical experience in Psychiatry. The objectives emphasize clinical responsibility, development of skills in assessment and diagnostic problem-solving, and an increase in the level of skill in treatment interventions. Groups of 20-22 students rotate in 8 week blocks at the UBC Hospital (5), 12 & Oak (8), St. Paul's Hospital (5), two of the Community Care Teams (1 clerk each), and Riverview Hospital (2). One day per week is spent in Child Psychiatry; three afternoons are spent in Sexual medicine, and there are centralized seminars on a variety of topics which take place throughout the rotation (History Taking, MSE, Psychopharmacology, HIV, Domestic Violence, SAFER, Psychosis, Schizophrenia, Somatoform/Anxiety/Sleep/Personality Disorder, Delirium, Cognitive/Behavioural Treatments, and Survival Skills in Practice). Child Psychiatry runs its own seminar series. Additionally, in cooperation with the Department of Neurology, our students obtain their Neurology clinical teaching during the Psychiatry program.

The students are evaluated by their clinical supervisors and complete an end-of-rotation examination which consists of: a written exam based on a videotape of a clinical interview, (10% of final mark), a short answer vignette exam (10% of final mark), and a multiple choice exam (5% of final mark).

OSCE's

The OSCE's continue for the 2nd and 3rd year students and our faculty provides examiners.

Stuart Fine

EDUCATIONAL PROGRAMS

POSTGRADUATE EDUCATION PROGRAM

The Postgraduate Training Program in Psychiatry is undergoing a period of active transition, geared to be responsive to changing times; changing expectations and changing community needs.

The Postgraduate Training Program in Psychiatry has 50 Residents in the 5 year program. Entry into the program is now entirely through CaRMS, and there is an absolute moratorium on re-entry candidates.

The new system of governance is with an Executive Postgraduate Education Committee and an Expanded Training Committee continues. There are subcommittees in the areas of evaluations, selections, curriculum and fellowship. This system has worked well and was created in order to have a more effective system of governance.

The curriculum continues to be organized in three streams, namely Neuroscience, Psychotherapy and Syndromes for the PGY2 through PGY4 residents. This is the first year of implementing Psychotherapy imported from McMaster. The Psychotherapy and Syndromes streams have new directors and multiple faculty working within these three streams. This process is also moving toward the general principle of self learning, self evaluation, and evidence-based medicine with a problem based approach. The curriculum will continue to evolve in response to ongoing, changing needs. A survey of past graduates is being conducted to determine what areas in the curriculum need emphasis.

The training sites continue to be Child & Adolescent Psychiatry at BCCH, Vancouver Hospital & Health Sciences Centre-both VGH and UBC sites, St. Paul's, St. Vincent's, Riverview, and the Greater Vancouver Mental Health Service. There is a mandate towards more rural community training in several sites in British Columbia. We are actively developing more opportunities for community and rural training. This initiative is in order to give residents an increased awareness of provincial and community needs and how to work in a community and rural team in a most effective manner. This complements the already active outreach program.

New initiatives have included development of site specific goals and objectives and ITER's, and development of a new psychotherapy curriculum. We have also had annual workshops for faculty and residents which include Ethics, Career Day, and working retreats. There is a new arms length evaluation process for all rotations.

Many residents have been successful at presenting at the national and international level. Two residents presented with the Program Directors at the Royal College Educational Meeting. At COPE, UBC has initiated the new COPE award for residency research.

Dr. Kamal Rungta
Dr. Kristin Sivertz

Postgraduate Education Program

ACADEMIC DAY LECTURERS - 1998

Chair, Academic Lectures: Dr. S. Kline
 Stream Leaders: Dr. T. Hurwitz - Neuroscience Stream
 Dr. R. Kalda - Syndromes & Special Areas
 Dr. M. Corral - Psychotherapy Stream

PGY2

Orientation Program			
Altman, S. Banno, V. Bryant, C. Claman, J. Coleman, J. Duke, M. Emmons, S.	Ganesan, S. Gibson, P. Gosselin, C. Gruson, V. Kalda, R. Lam, R. Lambrou, D.	Lane, M. Levy, M. Liddle, P. Marriage, K. Myers, M. Noone, J.	O'Shaughnessy, R. Sigmundson, K. Sladen-Dew, N. Tuokko, A. Wanis, W. Yaxley, D.
Neuroscience	Psychotherapy	Syndromes	
Hurwitz, T. Jang, K. Kosaka, B. Scamvougeras, A. Solomons, K	Abbass, A. Corral, M. Fleming, J. Irwin, D. Kline, S. Livesley, W.J. MacKenzie, K.R.	Maurice, W. Panikkar, H. Reebye, P. Sivertz, K. Weideman, R. Westwood, M.	Fuller, S. Khanbhai, I.

PGY3

Neuroscience	Psychotherapy	Syndromes & Special Areas	
Byrne, P. Goumeniouk, A. Honer, W. Hurwitz, T. Lee, P. Scamvougeras, A. Weiss, M. Zis, A.P.	Hollander MacKenzie, K.R. Marriage, K. Segal, B. Taylor, S.	Baerg, E. Bilsker, D. Freeman, R. Geller, J. Goldner, E. Hewko, R. Jang, K. Levy, G.	Liddle, P. Marriage, K. Misri, S. Shick, R. Singh, K. Weiss, M. Wong, A.

PGY4

Psychotherapy	Syndromes & Special Areas		
de Rappard, S.	Baerg, E.	Goldner, E.	Maurice, W.L.
	Bilsker, D.	Gosselin, C.	Misri, S.
	Braunstein, R.	Hewko, R.	O'Shaughnessy, R.
	Chan, P.	Higenbottam, J.	Shick, R.
	Choo, C.	Jang, K.	Singh, K.
	Drance, E.	Kang, N.	Smith, D.
	Fleming, J.	Kline, S.	Somers, J.
	Fitzpatrick, S.	Levy, G.	Taylor, S.
	Freeman, R.	Liddle, P.	Weiss, M.
	Garland, J.	Manley, R.	Wong, A.
	Geller, J.	Marriage, K.	

RESIDENTS

January/June 1998

KHANBHAI, Irfan

LINT, Donald

MOHAMMED, Abdullah

July 1998/June 1999

AI WANEEN, Riyadh

ATKINS, Mark

BAWDEN, Carole

BOSTINARIU, Anca

BOWERING, Tricia

BROADWAY, Lauren

BUTTLE, Jeffrey

CAMPBELL, Paula

CERESNEY, Maureen

CHAPMAN, Andrea

CHAUHAN, Harpreet

CHODKIEWICZ, Adam

DAVIDSON, Jana-Lea

DOWEY, Michael

DRISCOLL, Miriam

D'OYLEY, Heather

ERFAN, Nihal

FREDRIKSON, Diane

GIEDE, Johannes

HOWARD, Andrew

HUI, Jacqueline

HUTNYK, David

KANG, Shimi

KROEKER, Garth

LAZAR, Susan

LEVIN, Alexander

MATERI, Joelle

MILDENBERGER, Sheila

MILLER, Debra)

ONG, Larry

PATTON, Sheila

PERKINS, Suzanne

PERSAUD, Rainer

RICHFORD, Carole

ROBERTSON, Heather

ROWAIS, Nabil

SAARI, Carol-Ann

SAIRAFI, Nasser

SCARTH, Brian

SCHWARTZ, Deborah

SHERWOOD, Megan

SIENICKI, Marc

STEVENSON, Kevin

TAYLOR, Christine

TO, Agnes

VIK, Astrid

WARAICH, Paul

WARD, David

WICHOLAS, Leslie

WILKINS-HO, Michael

WONG, Angela

WRIXON, Katherine

Postgraduate Education Program

PSYCHOTHERAPY TUTORS LIST

January 1998

Dr. G. Ainsworth
Dr. E. Baerg
Dr. K. Bartok
Dr. L. Chapman
Dr. G. Chernick
Dr. M. Corral
Dr. K. Enright
Dr. V. Gruson
Dr. Y. Hollander

Dr. S. Kiraly
Dr. E. Koritar
Dr. R. MacKenzie
Dr. P. Reebye
Dr. D. Ryan
Dr. A. Sanders
Dr. A. Scamvougeras
Dr. P. Schwartz
Dr. R. Shore

Dr. K. Sivertz
Dr. I. Straszak
Dr. P. Termansen
Dr. E. Tesler-Mabe
Dr. E. Waring
Dr. F. Wilt
Dr. D. Yaxley
Dr. T. Yuswack
Dr. E. Zoffmann

EDUCATIONAL PROGRAMS

ACADEMIC LECTURE SERIES

Guest Speakers

- May 7, 1998 Dr. D. Sclar
Research, Development, and the Economic Appraisal of
Antidepressant Pharmacotherapy
- May 29, 1998 Dr. P. Weerasekera
Postgraduate Psychotherapy Training - An Empirically Based
Curriculum
- October 1, 1998 Dr. S. Misri
The Use of SSRI's in Pregnancy and Lactation
- October 22, 1998 Dr. N. Alessi
The Role of Information Technology in Process Innovation: The
Potential for Psychiatry
- November 5, 1998 Dr. J. Roskams
From Birth to Death in the Olfactory Neuron of the Mouse
- December 5, 1998 Dr. S. Stewart
Women, Booze, and Drugs: It's Not What You Think!

EDUCATIONAL PROGRAMS

RESEARCH DAY

The Department of Psychiatry's Research Day is a forum for our students, psychiatry interns, postdoctoral fellows, and residents to present their work. This year's Research Day included two paper sessions and introduced a poster session during the afternoon respite. The content was varied, as is the scope of our department, from the biological and molecular to the clinical and psychosocial. This was also reflected in the titles of the two lectures, which were exciting and stimulating. Three distinguished former members of our department kindly agreed to serve as judges for the awards selection and their disciplines also reflected this diversity: Dr. Edith McGeer, Dr. William Brown, and Dr. Harry Klonoff.

**13th Annual Research Day
Thursday, March 12, 1998
Lecture Theatre, Detwiller Pavilion**

Guest Speaker: Dr. William Piper, Department of Psychiatry, UBC
Searching for Optimal Patient-Treatment Matches in Time-Limited Psychotherapy

Morning Paper Session:

Nitric Oxide (NO) and cGMP Modulate the Permeability of an in vitro Model of the Human Blood-Brain Barrier (BBB)

Presenter: Dr. Donald Wong, Postdoctoral Fellow
Faculty Sponsor: Dr. Steve Vincent, Dr. K. Dorovini-Zis

Toward Validation of DSM IV Conduct Disorder

Presenter: Dr. Paul Waraich, Resident
Faculty Sponsor: Dr. Kris Sivertz

Calbindin Modulation of the Calcium-dependent Current Rundown of NMDA Receptors

Presenter: Dr. Christopher Price, Postdoctoral Fellow
Faculty Sponsor: Dr. Lynn Raymond

After the Accident: An Unusual Case of PTSD

Presenter: Dana Thordarson, Psychology Intern
Faculty Sponsor: Dr. William Koch

Transmembrane Topology of Kainate-type Glutamate Receptor GluR6

Presenter: Dr. Shahin Mohammadi, Graduate Student
Faculty Sponsor: Dr. Lynn Raymond

Effect of Divalproex on GABA_B Receptor Function in Healthy Humans

Presenter: Dr. I-Shin Shiah, Graduate Student

Faculty Sponsor: Dr. Lakshmi Yatham

Poster Session:

Field Control: Reconceptualizing Power and Control in a Collectivistic Setting Using a Grounded Theory Approach

Presenter: Harkit Dhillon, Student

Faculty Sponsor: Dr. Charles Brasfield

Cognitive-Behavioural Formulation and Intervention for an Unusual Phobia of Dogs Barking

Presenter: Wendy Freeman, Psychology Intern and Graduate Student

Faculty Sponsor: Dr. Steve Taylor

Parents' Attributions for their Children's Attention Deficit Hyperactivity Disorder Symptoms and Behaviours Reflecting Oppositional Defiant Disorder

Presenter: Wendy Freeman, Psychology Intern and Graduate Student

Faculty Sponsor: Dr. Steve Taylor

Investigation of Basal Ganglia Volumes in Drug-Naive First Episode Schizophrenics

Presenter: Hiroyuki Nakazawa

Faculty Sponsor: Dr. Timothy Murphy

FM 1-43 as an Indicator for Miniature Synaptic Activity at Single Synapses of Cortical Neurons

Presenter: Oliver Prange, Graduate Student

Faculty Sponsor: Dr. Timothy Murphy

A Community Survey of Antidepressant Medications Used in Schizophrenia

Presenter: Ram S. Randhawa, Medical Student Intern

Faculty Sponsor: Dr. Raymond Lam

5-HT_{1A} Receptor Function in Patients with Bipolar Mania

Presenter: Dr. I-Shin Shiah, Graduate Student

Faculty Sponsor: Dr. Lakshmi Yatham

The Nature of Pathological Worry

Presenter: Melinda Smith, Psychology Intern

Faculty Sponsor: Dr. William Koch

Vancouver Obsessional Compulsive Inventory

Presenter: Dana Thordarson, Psychology Intern

Faculty Sponsor: Dr. William Koch

Research Day

What Makes Them Strong: First Nations Perspectives on Strengths and Wellness

Presenter: Collin van Uchelen, PhD Candidate

Faculty Sponsor: Dr. Charles Brasfield

The Contribution of Inhibition and Initiation Deficits to the Symptoms of Schizophrenia

Presenter: Todd Woodward, Graduate Student (University of Victoria)

Faculty Sponsor: Dr. Grant Iverson

Differential Effects of Two Doses of ECS on c-fos Expression in the Hypothalamus

Presenter: Dr. Fan Zhang

Faculty Sponsor: Dr. H. Chris Fibiger, Dr. Athanasios Zis

Afternoon Paper Session:

PTSD Due to Motor Vehicle Accidents: Efficacy of Cognitive-Behaviour Therapy

Presenter: Dr. Ingrid Federoff, Postdoctoral Fellow

Faculty Sponsor: Dr. Steve Taylor

Noradrenaline Excites Non-Cholinergic Laterodorsal Tegmental Neurons via Two Distinct Mechanisms

Presenter: Dr. Kristi Kohlmeier, Postdoctoral Fellow

Faculty Sponsor: Dr. Peter Reiner

Sex History Taking and Treatment Capabilities of Mental Health Professionals

Presenter: Dr. Laura Hanson, Graduate Student

Faculty Sponsor: Dr. William Maurice

Modulation of APP Catabolism by Energy Depletion and FCCP

Presenter: Dr. Bruce Connop, Postdoctoral Fellow

Faculty Sponsor: Dr. Peter Reiner

Effectiveness of Electroconvulsive Therapy in the Treatment of Bipolar Depression

Presenter: Dr. Jana Davidson

Faculty Sponsor: Dr. Raymond Lam

Apparently Normal Ion Channel Currents Recorded in Neuronally Differentiated ES Cells

Hoimozygous for Null Mutation in Huntingtin Gene

Presenter: Dr. Nansheng Chen, Postdoctoral Fellow

Faculty Sponsor: Dr. Lynn Raymond

Miseries and Mysteries of Schizophrenia: Insights from the Actions of Dopamine in Prefrontal Cortical Neuronal Network

Guest Speaker: Dr. Charles Yang, Departments of Psychology & Psychiatry, UBC

Research Day

Awards were given to the following three presenters for their presentations:

Kristi Kohlmeier, Postdoctoral Fellow

P.L. & E.G. McGeer Award for Basic Research

I-Shin Shiah, Graduate Student
Tsung-Yi Lin Award for Clinical Research

Ram Ranhawa, Medical Student
Poster Presentation Award

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GRANTS AND RESEARCH CONTRACTS

(awarded in 1998)

PRINCIPAL INVESTIGATOR	AWARD	SPONSOR	TITLE/SUBJECT
Altman, S	960,000	Novartis International	Randomized, Open-label Comparison of Clozapine Versus Olanzapine in Reducing Suicidality in Schizophrenia
Basson, RJ	30,875	Pfizer Canada	Open Label Long-term Safety Study of Sildenafil and Erectile Dysfunction
Basson, RJ	56,250	Pfizer Canada	Randomized Double Blind Study of Sildenafil in Women with FSAD
Brink, JH	ongoing	CSC	Fetal Alcohol Syndrome in Federal Inmates - Prevalence Study
Brink, JH	17,000	CSC	Mental Disorder in Federal Offenders - Prevalence study
Brink, JH	ongoing	CSC	An investigation of Naltrexone in an Opioid Dependent Federal Offender Population
Carter, D	50,000	Vancouver Foundation	Effects of SSRIs in Pregnancy and Breast Feeding Infants
Elliott, S	30,000	Neurotrama Rehabilitation and Injury Prevention Project for BC	Getting the Information Out!: A Website for Accessible Information on Sexual Health and Fertility Following Spinal Cord Injury and/or Traumatic Brain Injury
Elliott, S	13,500	Neurotrama Rehabilitation and Injury Prevention Project for BC	Planning Meeting for a Center of Excellence and a National Resource Center for Reproductive and Sexual Rehabilitation for Persons with Spinal Cord Injury
Elliott, S	30,000	Janssen-Ortho, Inc.	Clinical Assessment of the Efficacy, Safety & Impact on Quality of Life of MUSE (Alprostadil) in Subjects with Erectile Dysfunction
Freeman, R	35,000	Hoffman-La Roche	Open Clinical Trial and Pharmacokinetic Study of Tetrabenazine in Tourette Syndrome
Geller, J	26,765	BCHRF	Readiness and Motivation for Change in Anorexia Nervosa Depression
Goldner, E	30,330	Smith-Kline Beecham	Randomized, Double-Blind, Placebo Controlled Trial to Evaluate the Efficacy and Tolerability of Paroxetine in Patients with GAD
Hechtman, L	300,000	NIMH	Multisite Multimodal Treatment of ADHD
Irwin, D	60,000	Pfizer Canada, Inc.	Sertraline for Negative Symptoms of Schizophrenia
Kitchen, R	2,950	St. Paul's Hospital	Community Database: Reproductive Psychiatry Program
Lam, RW	50,000	CPRF	Catecholamine Depletion Studies in Seasonal Affective Disorder
Lam, RW	60,000	Pfizer Canada	Unrestricted Educational Grant: Canadian Consensus Guidelines for SAD
Lam, RW	60,000	Philips International	Unrestricted Research Grant: New Light Devices for Syndromal and Subsyndromal SAD
Leichner, P	15,000	Physician's Services Inc Foundation	Exploration of Plasma Vasopressin, Oxytocin and Cortisol Levels in Patients with Posttraumatic Stress Disorder
Leichner, P	3,000	Cdn Coordinators of PGE Psych	Psychiatric Self-Assessment for Residents
Leichner, P	1,200	Royal College of Phys & Surgeon	Self-Assessment for Canadian Psychiatrists

PRINCIPAL INVESTIGATOR	AWARD	SPONSOR	TITLE/SUBJECT
Liddle, P	49,800	BCHRF	An MEG Study of the Organization of Distributed Cerebral Function in Schizophrenia
Liddle, P	15,500	Norma Calder Foundation	A Brain Electrical Activity Analysis of Language Processing in Schizophrenia
Liddle, P	22,970	Norma Calder Foundation	Event Related Functional MRI in Auditory P300 Activation in Schizophrenia
MacKenzie, KR	(US) 28,500	Group Psychotherapy Foundation	Psychosocial Treatment Outcome of Psychopathic Inmates
Maurice, W	2,000	Mosby-Year Book	
Misri, S	150,000	Vancouver Foundation	Biobehavioral Terogenesis in Infants Exposed to SSRIs
Misri, S	30,000	Smith Kline Beecham	Study of Mother-Infant Dyadic Interactions in Postpartum Anxiety and Depression
Murphy, T	47,620	Heart & Stroke Foundation	Induction of Antioxidant Gene Expression in Astrocytes
Murphy, T	(US) 30,000	NARSAD	Modulation of Synapse to Nucleus Ca ²⁺ Signaling by Antidepressants in the Hippocampus
Murphy, T	330,000	CFI	Neuro-Imaging (2-photon scanning microscope)
Ngan, ETC	8,000	Norma Calder Foundation	Setoperone Binding in Patients with Schizophrenia
Raymond, L	45,000	BCHRF	Modulation of NMDA Receptor Function by Huntingtin: Implications for Pathogenesis of Huntington's Disease
Raymond, L	36,640	Heart & Stroke Foundation of BC & Yukon	Regulation of NMDA Receptor Function by Calbindin
Reebye, P	35,000	Smith Kline Beecham	Study of Mother-Infant Dyadic Interactions in Postpartum Anxiety and Depression
Reiner, PB	87,468	MRC	Regulated Catabolism of Amyloid Precursor Protein
Roskams, J	128,475	CFI	Functional Genomic Analysis of Olfactory Neuron Degeneration and Regeneration
Ryan, D	50,000	Vancouver Foundation	Effects of SSRIs in Pregnancy and Breast Feeding Infants
Solomons, K	9,800	Eli Lilly	Role of olanzepine in the elderly
Solomons, K	50,000	Pfizer	Psychiatric and Behavioral Complication of dementia
Taylor, S	1,200	UBC Humanities and Social Sciences Research Grants	Origins of Anxiety Sensitivity
Vincent, S	13,490	BCHRF	Major Equipment Grant: Ultra-Low Temperature Freezer
Vincent, S	39,239	MRC	Major Equipment Grant: Liquid Scintillation Counter
Yatham, LN	213,000	MRC	Positron Emission Tomography (PET) Studies of Endogenous Brain Serotonin (5HT) Levels
Zis, AP	149,622	MRC	ECT in Parkinson's Disease: A Clinical and Imaging Study
	3,405,194	Total - Grants Awarded	

GRANTS AND RESEARCH CONTRACTS

(held in 1998)

PRINCIPAL INVESTIGATOR	AWARD	SPONSOR	TITLE/SUBJECT
Basson, RJ	16,000	Pfizer Canada	Open Label Long Term Safety Study of Sildenafil and Erectile Dysfunction
Garland, EJ	28,000	MRC	Maintenance Therapy for Adolescent Depression
Goldner, EJ	25,340	BC Eating Disorders Committee	A Provincial Outcome Database for Patients with Anorexia Nervosa
Goldner, EJ	27,375	BC Eating Disorders Committee	A Provincial Needs Assessment for Patients with Eating Disturbance in BC
Goldner, EJ	900,000	Lundbeck Pharmaceuticals	A Randomized Trial of Citralopram in Obsessive Compulsive Disorder
Goldner, EJ	45,000	Pfizer Canada	A 24 week Continuation of the Study of Sertraline (50-200 mg/day) or Placebo in the Treatment of DSM-IV generalized Social Phobia in Outpatients
Goldner, EJ	85,000	Pfizer Canada	A 20 week, Prospective, Randomized, Multicentre, Parallel Group, Double Blind, Dose Titration Comparison of the Safety, Efficacy and Tolerability of Sertraline and Placebo in the Treatment of DSM-IV Generalized Social Phobia in Outpatients
Goldner, EJ	110,000	Pfizer Canada	A 24 week, Multicentre, Parallel Group, Double Blind, Comparative, Fluoxetine (20, 40, 60, 80 mg) Controlled, Dose Titration Study of the Safety, Efficacy and Toleration of Sertraline (50, 100, 150, 200 mg) in the Treatment of Obsessive Compulsive Disorder
Honer, WG	458,535	MRC	Developmental Abnormalities in Schizophrenia
Irwin, DAJ	70,000	Pfizer Canada	A Study on the Safety, Tolerability and Efficacy of Sertraline Added to a Stable Regimen of Non-sedating Antipsychotic Agents in the Treatment of the Negative Symptoms of Schizophrenia
Lam, RW	750,000	Boehringer Ingelheim	Double Blind, Phase II Study fo BIMT-17 BS in Major Depression
Liddle, PF	15,000	Norma Calder Foundation	The Effects of Risperidone on Cerebral Activity in Schizophrenia
Liddle, PF	73,967	MRC	fMRI Investigation of Frontal Cortex in Schizophrenia and Psychopathy
Liddle, PF	34,000	BCHRF	Event Related Potentials in Personality Variants and Schizophrenia
Liddle, PF	15,000	Norma Calder Foundation	Imaging Connections Between Brain Areas: A Potential Diagnostic Test for Schizophrenia
Livesley, WJ	546,740	MRC	The Classification of Personality Disorders: Validation Studies
McLean, PD	132,000	BCHRF	CBT vs. Standard Behaviour Therapy in the Treatment of OCD
Murphy, TH	100,000	EJLB Foundation	Linking Synaptic Structure to Function at Single Identified CNS Synapses
Murphy, TH	73,000	MRC	The Role of Quinone Reductase in Neuronal Oxidative Stress
Murphy, TH	35,000	H&SFBC	Induction of Antioxidant Gene Expression in Astrocytes
Ngan, ETC	30,428	BCHRF	In Vivo Assessment of Brain 5HT2 Receptors in Schizophrenia Using PET
Phillips, A	415,072	MRC	The Neurobiology of Central Dopamine Systems in Normal and Pathological Behaviour
Phillips, A	48,500	NSERC	Neural Substrates of Memory and Amnesia in the Rat

PRINCIPAL INVESTIGATOR	AWARD	SPONSOR	TITLE/SUBJECT
Piper, WE	435,819	MRC	Prevention of Long Term Pathological Beareaveement
Raymond, LA	67,651	MRC	Structure and Modulation of Glutamate Receptors
Reiner, PB	50,000	ASC: Research Grant	A New Molecular Target for Alzheimer Disease
Reiner, PB	102,287	MRC	Neurobiology of Behavioural State
Robinow, RO	95,200	Pfizer Canada	A Double Blind, Placebo Controlled Comparison of Sertraline and Self Administered Cognitive Behaviour Therapy Alone or in Combination in Panic Disorder
Roskams, J	25,000	BCHRF	Caspase 3 Mediates Neuronal Cell Death in Olfactory Neurons
Snutch, TP	101,000	MRC	Structure and Function of Neuronal Voltage-gated Calcium Channels
Taylor, S	145,950	BCHRF	Posttraumatic Stress Disorder Due to Motor Vehicle Accidents: Efficacy of Cognitive Behaviour Therapy
Vincent, SR	442,000	MRC	Nitric Oxide in the Nervous System
Yatham, LN	160,000	Glaxo Wellcome Inc	Multcentre, Double Blind Placebo and Lithium Controlled Study of Lamotrigine in the Longterm Treatment of Bipolar Disorder
Yatham, LN	179,400	NAMI/Stanley Foundation	A Positron Emission Tomography Study of Dopaminergic Function in Nonpsychotic Mania Before and After Treatment with Lithium or Divalproex Sodium
Yatham, LN	76,884	NARSAD	Effects of ECT and Desipramine on Cortical 5HT2 Receptors in Patients with Major Depression
Zis, AP	144,000	MRC	ECT-induced Prolactin Release, the Mechanism of Action of ECT and Clinical Outcome
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	6,059,148	Total - Grants Held	
	3,405,194	Total - Grants Awarded	
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	9,464,342	TOTAL Grant Support	