

ANNUAL REPORT
Division of Medical Biochemistry
Department of Medicine – Jewish General Hospital
January 1, 2014 – December 31, 2014

SUMMARY

This year, the Diagnostic Medicine Department has been recognized by the Ministry of Health as the most efficient laboratory in Quebec, and if all the laboratories in the Montreal area were performing at the same level, they would save approximately \$30 million from the Health Care Budget in Montreal alone. In addition, the Medical Biochemists have made a special effort this year that lab tests are being requested and used appropriately. This represents an approximate additional annual saving of \$500,000.

Recent progress has been made in improving the Division's academic performance, by partnering with the University of Victoria and the University of British Columbia in writing and obtaining grants (\$7.2 million) funded by Genome Quebec - BC - Canada for proteomic research.

1. Research and publications:

Dr. MacNamara is continuing her interest in proteomics research. She has become actively involved in the *Genomics Innovation Network* (GIN). The goal, or mission, of this network is to create a mechanism for the innovation centres across Canada to work together collaboratively, and to aid in providing the highest quality genomic technologies and advice to the research community.

2. Teaching and learning (undergraduate and graduate):

MacNamara, Elizabeth, M.D., FRCPS(C)

Undergraduate, McGill University
Medical Student Elective (4 week period)

Medical Biochemistry Observerships – 2-4 MD's, 2-4 months/year

Attendance at Medical Grand Rounds 4 times a month for 10 months/year

Attendance at the Association des Médecins Biochimistes du Québec/Canadian
Association of Clinical Biochemists Annual Congress

Lectures given:

65th Annual Refresher Course for Family Physicians – Hilton Bonaventure Hotel,
Montreal

What Happens to Patients, Doctors and Health Care Institutions When Certain Tests are Restricted

Data Mining Doctors' Laboratory Requests: Looking for Large Needles in Small Haystacks

Medical Grand Rounds – Jewish General Hospital, Montreal, Quebec
Biochemistry Detectives: What Goes on Behind the Laboratory Doors?

Eintracht, Shaun, M.D., FRCPS(C)

Undergraduate, McGill University
ICMA (Professional Skills) (2 week period)
Postgraduate, McGill University
Resident Supervision/One-on-One Teaching
McGill Medical Biochemistry Residents (12 month period)

Residents' Teaching
Journal Club (Ad hoc basis)

Lectures given:

65th Annual Refresher Course for Family Physicians – Hilton Bonaventure Hotel,
Montreal

What Happens to Patients, Doctors and Health Care Institutions When Certain Tests are Restricted

Data Mining Doctors' Laboratory Requests: Looking for Large Needles in Small Haystacks

Medical Grand Rounds – Jewish General Hospital, Montreal, Quebec
Biochemistry Detectives: What Goes on Behind the Laboratory Doors?

3. Involvement in the community:

Dr. MacNamara was once again invited to participate in the Annual Refresher Course for Family Physicians, held in Montreal.

Dr. MacNamara is Chair of the RUIS Sub-Committee on Laboratory Medicine dealing with the integration of services and the university and hospital responses to the OptiLab proposals of the Government and the Montreal Agence.

4. Partnerships:

Development and implementation of a one year “Laboratory Training Program” for technologists from health centres in Gansu Province, China. This is part of the collaboration between the Jewish General Hospital laboratory and the Ministry of Health, Gansu, China.

5. Milestones:

No changes in staffing occurred in 2014.

6. Honours, awards, and prizes:

Dr. MacNamara received, in October, 2014, the Jewish General Hospital Board of Governors’ award for “Excellence in Physician Management”, for her outstanding job performance, superior leadership skills and great efficiency in directing her department.

7. Fundraising:

Dr. MacNamara continues to be very active in fundraising to enhance the smooth running of the Diagnostic Medicine Department, for example, the purchase of new, more efficient laboratory equipment, ergonomic furniture for the staff, etc.

SECTION I – DIVISION STATUS UPDATE

1. Mission and Objectives of the Division

Mission Statement

To provide medical laboratory services consistent with the needs of the health care team and their patients in a professional and caring manner.

To initiate and collaborate in research activities directed towards the improved understanding of disease, its diagnosis and monitoring.

To ensure the optimal use of the laboratory service.

To encourage and develop all staff to attain their true potential and to develop a milieu which promotes teamwork.

2. A nominative list of academic staff, their academic rank

Dr. Elizabeth MacNamara, Chief, Department of Diagnostic Medicine, Associate Professor, McGill University (active)
Dr. Shaun Eintracht, Medical Biochemist, Assistant Professor, McGill University (active)

SECTION II – GRANTS, PUBLICATIONS AND SERVICE OUTSIDE OF MCGILL

1. Grants and awards received:

Grant awarded from Genome Canada/Genome B-C in 2012, with the current goal of continuing Genome testing and development within the Proteomics laboratory.
Project Title: Clinical implementation and Outcomes Evaluation of Blood-based Biomarkers for COPD Management (Total: \$7,200,000 JGH: \$1,516,575)

2. Scholarly works published in the 2014 calendar year:

No works were published in the 2014 calendar year.

SECTION III-CONFIDENTIAL INFORMATION

1. Consulting activities: *None*

Respectfully submitted,

Elizabeth MacNamara, MD
Chief, Division of Medical Biochemistry