

ANNUAL REPORT
Division of Medical Biochemistry
Department of Medicine – Jewish General Hospital
January 1, 2012 – December 31, 2012

SUMMARY

1. Research and publications:

- (a) **Myoglobin and body composition in cancer patients** – collaborative study with Drs. Elizabeth MacNamara, Shaun Eintracht, Thomas Jagoe & Ami Grunbaum
- (b) **Research into the appropriateness of laboratory test ordering:**
 - (i) **Serum folates** - collaborative study with Drs. Elizabeth MacNamara, Shaun Eintracht & Kristin Popiel
 - (ii) **Tumour markers** - collaborative study with Drs. Elizabeth MacNamara, Shaun Eintracht & Kaethe Clarke
- (c) **Vitamin C and mood improvement** – collaborative study with Drs. Elizabeth MacNamara, Shaun Eintracht and John Hoffer
- (d) Grant awarded from Genome Canada/Genome B-C
Project Title: Clinical implementation and Outcomes Evaluation of Blood-based Biomarkers for COPD Management
- (d) **Data-mining** – in collaboration with the Department of Endocrinology, Jewish General Hospital, and the École de technologie supérieure
Project Titles:
 - (i) Projet de Développement d'Outils de Forage de Données de Résultats de Tests Patients – Endocrinologie, Métabolisme et Épidémiologie Clinique
 - (ii) Project Core Lab Now

2. Teaching and learning (undergraduate and graduate):

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

Undergraduate, McGill University

IIM Teaching

March 19, 2012 – May 4, 2012 - 7 week period (42 hours)

Medical Student Elective (4 week period)

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

Development and implementation of the Near Patient Testing Training Session – 1st year McGill medical students for McGill Medical Simulation Center - 14 hours

Development and implementation of the Phlebotomy Training Session – 1st year
McGill medical students for McGill Medical Simulation Center – 14 hours

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

Lecture at monthly inter hospital visioconferences for the Medical Biochemistry
Network Program

Lectures given:

Quality and Safety Grand Rounds – Jewish General Hospital, Montreal, Quebec
(2012)

Accreditation Canada roadmap: An Ethical Dilemma and a Quality Issue?

Medical Grand Rounds - Jewish General Hospital, Montreal, Quebec (2012)
High Sensitivity Troponins: The Future is Now

Institute for Leadership Excellence Health Care Systems Management, Jewish
General Hospital, Montreal, Quebec (2012)

Managing Changes: Best Practices

Laboratory Medicine Congress – Dunhuang, Jiuquan, Gansu, China (2012)

Laboratory Management
High Sensitivity TroponinT

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

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:

Lecture at monthly inter hospital visio-conferences for the Medical Biochemistry
Network Program

3. Involvement in the community:

- Dr. MacNamara presented the topic, **Managing Changes, Best Practices**, as part of the “Jewish General Hospital’s Institute for Leadership Excellence Health Care Systems Management”. “The long term goal is to produce high quality individuals who can lead transformational change as the next generation of stewards of the health care system and as patient advocates.”

- As part of the collaboration between the Jewish General Hospital laboratory and the Ministry of Health, Gansu, China, Dr. MacNamara spent two weeks working with the senior managers and CEOs of the major provincial hospitals of the Province Gansu, China

4. Partnerships:

- 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 Montreal Agence
- Research into **Vitamin C and mood improvement** with Dr. John Hoffer, Lady Davis Institute
- Participation in the Programme Réseau (the Quebec network program) visio-conferences, for teaching the McGill Medical Biochemistry Residents
- Working with the École de technologie supérieure on Data Mining and Business Intelligence projects which are part of their credit courses.

5. Milestones:

No changes in staffing occurred in 2012.

6. Honours, awards, and prizes: N/A

7. Fundraising:

Dr. MacNamara has been very active in fundraising to enhance the smooth running of the Diagnostic Medicine Department, for example, the purchase of new, more efficient analyzers, new flooring for the core laboratory, 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

Project Title: Clinical implementation and Outcomes Evaluation of Blood-based Biomarkers for COPD Management

2. Scholarly works published in the 2012 calendar year:

None

Respectfully submitted,

Elizabeth MacNamara, MD
Chief, Division of Medical Biochemistry