

***Inaugural Innovation Council Meeting
Department of Chemistry***

Synopsis of Notes

Date: Friday, October 13th, 2000

Time: 9:00 am to 12:00 pm

In attendance: David Wardlaw, Dale Cameron, Darwin Wilson, Doug Puffer, Bruce Chernoff, Dave Thomas, Stephen Brown, Ron Zelonka, George Hood, Stephen MacNeil, Kelly Moore, Gang Wu, Eddy Campbell, Sue Riddell Rose, Barry Robins, Almeria Natansohn, Stan Brown, Ron Brunet, Catherine Purcell

Absent: Lili Harriss, Bill Davidson

The first part of the council meeting heard introductory remarks from David Wardlaw (Acting Head, Chemistry), and brief presentations from George Hood (VP Advancement), Eddy Campbell (Associate Dean, Faculty of Arts and Science), and Stan Brown (Head Dept of Chemistry on leave until Jan, 2001).

The second part of the meeting heard presentations from Almeria Natansohn (physical/materials group), Gang Wu (analytical group), Stephen Brown (environmental/analytical group), and Stephen MacNeil (medicinal/organic group). Each presenter gave brief highlights of their work and of their colleagues within their areas of excellence in research.

I Council Members: reasons for service

Initially each panel member of council was asked to explain their personal goal for serving on the innovation council and what they would like to see as output from the council. There were several areas of commonality.

- To develop relationships between academia and industry. It is essential to establish mutually beneficial partnerships between Queen's Chemistry and industry. Council members wish to connect industry's needs with the skills and research of faculty and graduate students. In doing this collaborations and recruiting opportunities will develop.
- To pay back a University and Department for an excellent education and the 'best years of their life'. Many council members felt they owe something back to Queen's University for the opportunity to obtain such an excellent education and the success that has resulted from such education.
- To assist the Department of Chemistry in becoming the best among academic Chemistry departments in Canada. Quality must be measured in terms of quality of students, leading edge research, industry, funding, comparison to other schools, accreditation boards, publications, patents, etc. In order to be the best we must identify areas of research in Chemistry and determine what research industry is looking for. It is also essential to create a 'number 1' program in Chemistry which will attract top notch students and academic/research superstars. One of the questions raised was what type of funding is

necessary to have a top-notch Chemistry program. What type of funding will it take to attract the best?

- To promote Queen's University and particularly the Department of Chemistry. We have the 'stars' but we are not good at promoting them.

II Goal of Innovation Council

A general discussion evolved regarding the goal for innovation council. A consensus was achieved for the goal of the Chemistry Council (as per the draft Terms of Reference) with the addition of "to promote research and Queen's chemistry graduates".

The predominant overall goal for the Department of Chemistry was to make it a first class department with a number 1 ranking. It is not enough to be number 5. If the council is going to strive to be better, strive to be the best!

III Objectives

Through general discussion the following objectives were established:

- Liaise with industry in ways that will gain mutual trust and understanding
- Aim the Chemistry Department to become the best among academic chemistry departments in Canada
- Become brokers for Queen's to match industry's needs with Queen's inventory of skill-sets
- Establish a communication forum that will lead to themes for long-term partnerships
- Help recruit top students to Queen's
- Promote opportunities for Queen's graduates and see opportunities for cooperative work/experience option programs
- See funding for top priority projects i.e. \$8.8 million needed by June 2002 to open new facility without debt, funding for world class chairs to each of the department's centres of excellence, research grants and contracts etc. This funding for the new facility will enable the acceleration of opportunities for scientific discovery through research and teaching, thus increasing recruitment of new faculty

IV Reporting Structure (see power-point attachment)

It was outlined by Doug Puffer that the council would be organized along the lines of four areas of excellence where expertise in chemical research are aligned (research units). This organization is an integral part of the strategy that was designed to achieve the 21st century vision for the department. The four research units are Computational/Theoretical, Environmental/Analytical, Physical/Materials, Medicinal/Organic. The goal of the Innovation Council is to have four members aligned with each area of excellence and four unaligned members. This goal will be achieved fully by recruiting other members to council from targeted industries.

A Council Chair has not yet been appointed, therefore all members are asked to set up lines of communication directly with the Department Head. This will be David Wardlaw until December

31st followed by Stan Brown upon return from his administrative leave. The department head will initially act as a broker for contact with faculty and students, and will encourage direct relationships to develop with faculty. This will be an interesting learning process for many of us and we will work towards the objective of a mutual understanding of needs.

A short discussion took place about the Chair for Innovation Council. It is necessary that the Chair have both the time and inclination to devote to council. The council may be co-chaired or vice-chaired to maximize individual skills and functions of the roles. Passion and organizational skills are equally required.

V Sub Committees

Discussion took place about the development of sub-committees within the structure of Innovation Council. Several goals were identified and council members volunteered to sit on the various sub-committees. The list is as follows:

Promote Queen's University and the Department of Chemistry

Dale Cameron

Barry Robins

Funding

Sue Riddell Rose

Bruce Chernoff

Recruiting/Interaction with Industry

Ron Zelonka

Ron Brunet

Darwin Wilson

Dale Cameron

Measures of Quality

VI) Next Steps

- Council members will receive the following in follow-up to the Innovation Council Meeting:
 - Synopsis of Minutes
 - Inventory of skill sets of Department of Chemistry
- To recruit a full compliment of council members.
- Ask current council members to put forward names of individuals in industry that we can approach.
- Inform council members of process for seeking gifts.

VII) Next Meeting

The next meeting was set for June of 2001 with the date and time to be determined at a later date.