

THIS WEEK at Carleton

Thursday, June 23, 1977
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Carleton University, Ottawa

Safety Programs To Be Examined

A subcommittee to assess information about departmental safety practices at Carleton was established by the Environmental Health and Safety Committee (EHSC) on June 16.

After its first meeting four weeks ago, letters were sent to 96 departments and key personnel at Carleton asking for information about existing safety programs and names of individuals responsible for maintaining these standards. So far, only 19 replies have been received. The new subcommittee, to be chaired by Associate Director of Athletics Kim McCuaig, will assess replies once they have been re-

ceived and report to EHSC at the next meeting.

Members continued to debate proposed terms of reference for EHSC but a final version will not be determined until the Committee can examine the present safety situation on campus. However, the Committee did establish a safety policy by reaffirming President Michael Oliver's 1972 statement of providing and maintaining safe and healthy working conditions at Carleton and of following operating practices and established procedures designed to prevent personal injury and protect property.

A proposal to hire a Carleton safety consultant on a contract basis was also discussed by EHSC but no decision will be made about this or the entire scope of the safety program until the new subcommittee has made its report.



Some 1,200 people jammed Carleton's gymnasium last Saturday June 25, to watch Canada's basketball team defeat the Belgium team 80 to 65 in the Intercontinental Cup Series. The gym is being used by other basketball enthusiasts this week - some 46 boys, aged between 13 and 15, are participating in a week-long basketball clinic annually offered by the University. In these photos, Ravens' coach Pat O'Brien (below) and player Jon Love (right) give the boys some playing tips.



SAPC Report

At its meeting on June 15, Senate Academic Planning Committee resumed its consideration of a proposal to establish an Institute of Biochemistry.

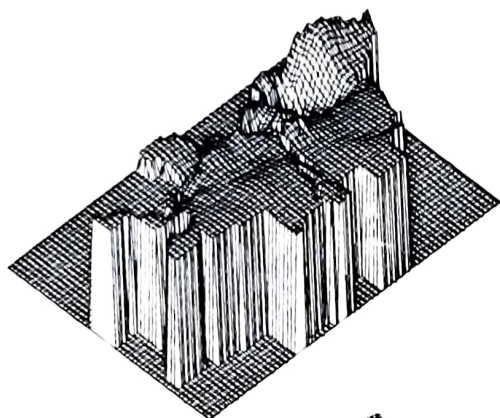
After hearing a submission from Dean of Graduate Studies and Research Gilles Paquet and further questioning proponents of the Institute, the Committee returned the proposal to the Faculty of Science for further redrafting. Principally, the Committee asked the Faculty to take into account the possible implications for graduate studies and research that an institute might have, and also asked for further clarification as to how the proposed administrative structure would solve the problems now facing the Biochemistry Committee.

The Committee expressed its thanks and gratitude to Vice-President (Academic) Ross Love, who has chaired SAPC for the past four years. When he assumes the post of Vice-President (Academic) on July 1, Professor of Sociology and Anthropology John Porter will become the new chairman of the Committee.

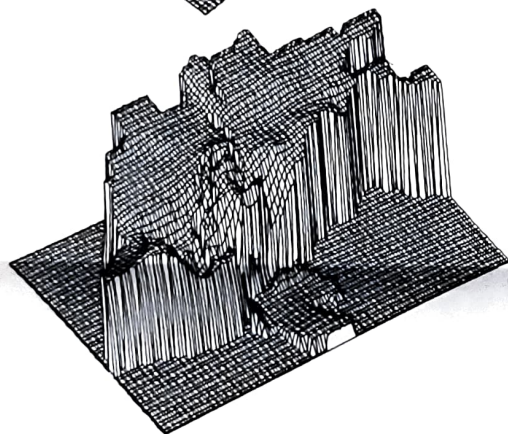
DIAGRAM 1

OTTAWA - HULL ENGLISH POPULATION 1971

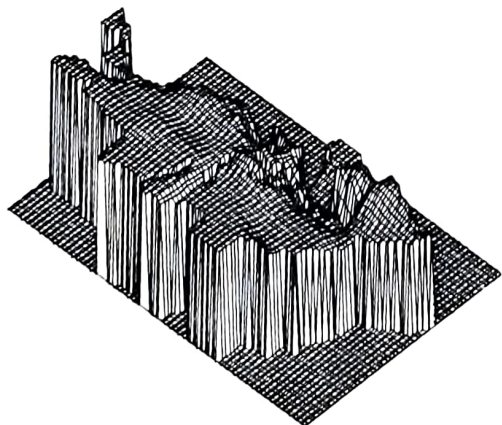
(In all diagrams Vertical Scale is 1"=24.5%)



VIEWPOINT A



VIEWPOINT B



VIEWPOINT C

Language Perception
In Ottawa/Hull

The old cliché that a picture is worth a thousand words has taken on a new meaning with the advent of computer assisted cartography over the last decade. At a recent conference on Geographic Information Systems held at the University of Ottawa, Professor Fraser Taylor of the Department of Geography made a presentation illustrating this point.

He presented a series of computer produced maps and diagrams illustrating language distributions in Ottawa-Hull utilizing GIMMS and PREVU, two computer programs in use at Carleton.

Three linguistic distributions from the 1971 census were prepared in machine readable form: people speaking English only, people speaking French only and the bilingual population. GIMMS was utilized to produce distribution maps. Each distribution was then portrayed in three-dimensional form using PREVU.

Three viewpoints were chosen for each distribution. Viewpoint A, in the case of each variable is representative of the linguistic surface as viewed from south west suburban Ottawa. Viewpoint B is that of an observer looking from the Hull side of the river and Viewpoint C gives a picture as viewed from the east.

The diagrams on this page, for example, give three views of the people who speak English only in the Ottawa-Hull area. An observer from Hull (viewpoint B) on looking across the Ottawa River might be struck by the 'high plateau' of English speakers facing him rising to peaks in what might be termed 'anglo-saxon suburbia'. From Nepean, however (viewpoint A), Vanier appears as a deep depression in the surface and is literally invisible, whereas Hull appears but at a much lower elevation. The steepness of the gradient between centre town in Hull and the suburbs of that city appears clearly. Viewpoint C is still influenced by high English speaking totals in the eastern suburbs but shows the steep gradients in the surfaces between Vanier, Hull and Rockcliffe Park clearly.

Professor Taylor argued that this method of presentation can lead to an improved understanding of the implications of these distributions for people living within the study area. He also suggested that the diagrams give an indication of the perceptions of people living in the areas from which the viewpoints have been chosen. Although language was used as an illustration in this study, he noted that a variety of other socio-economic variables such as income level lend themselves to presentation in a similar fashion.

Chemistry Notes

"I hope the *Review* will encourage journalists to discuss their trade on an ongoing basis and will encourage academics to develop critical studies of journalism. At the same time, I hope it will remind journalists, who in their reporting are inaccurate or skating over thin ice, that they have someone looking over their shoulders."

The following members of the Department of Chemistry participated at the 1977 Annual Meeting of the Chemical Institute of Canada, held jointly with the American Chemical Society, May 30 to June 2, in Montreal, Quebec.

C.H. Amberg chairman, General Papers
Division of Colloid and Surface Chemistry

J.W. ApSimon (with H. Beierbeck and J.K. Saunders) "The Semiempirical Derivation of Carbon-13 NMR Chemical Shifts"

R.G. Barradas (with S. Fletcher and J.D. Porter) "The Influence of Ohmic Distortions on the Kinetics of Electrocrystallization". Dr. Barradas also chaired a symposium on Electrochemical Processes in Energy Conversion and Utilization: Battery and Solar Cell Systems.