

Emergency Services Centre - 3333

University

Prolific inventor

Soft heads spark helmet research

Charlie Patterson cares about your head.

Especially if you play hockey or football or lacrosse or almost any other sport in which your head is liable to be hit — either accidentally or on purpose.

Patterson, who is Supervisor of technical science research in York's Faculty of Science, became interested in the care and protection of heads about ten years ago when his son, playing in an amateur hockey match, received a serious skull injury and since that time he has invested more than \$20,000 of his own money into the design and development of head gear that will provide really adequate protection for participants in physical contact sports — or any activity in which the head might be banged about.

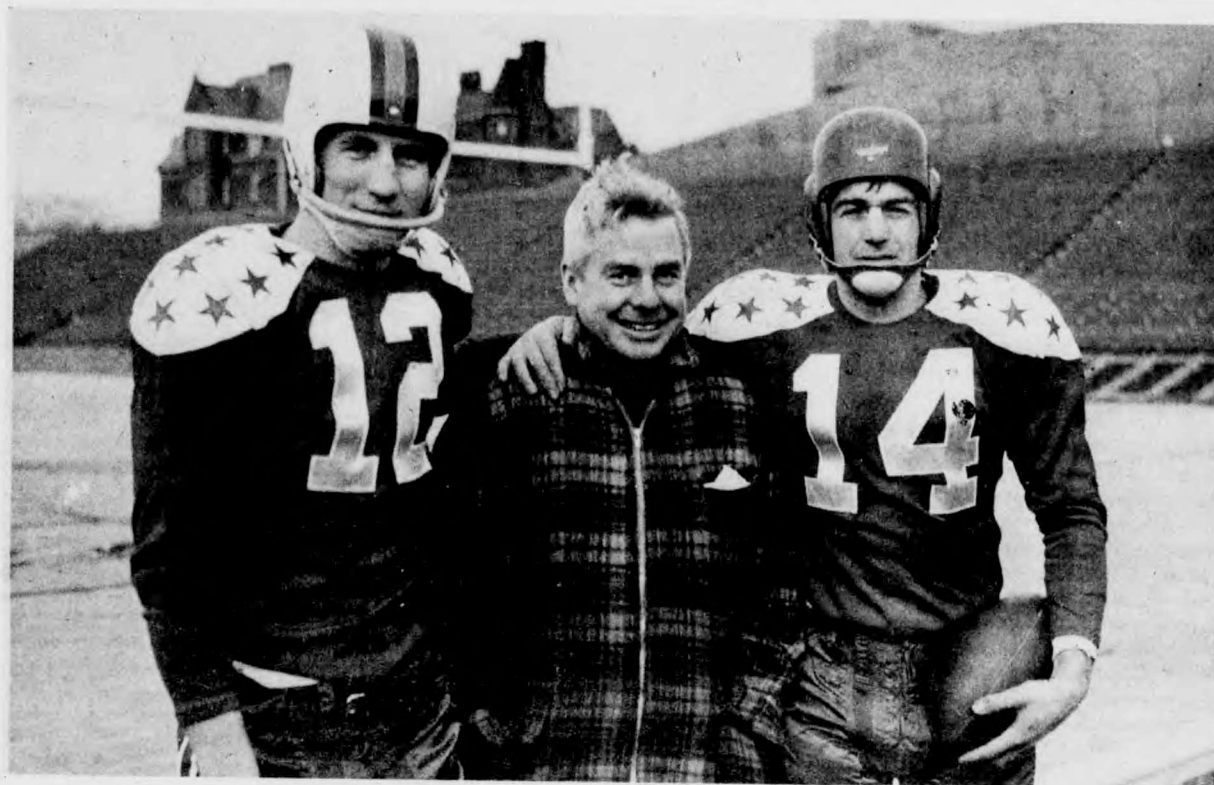
Patterson is not impressed with the helmets now on the market and neither is the Canadian Amateur Hockey Association, which has enthusiastically endorsed his model and with the sponsorship of Canadian General Electric, who will market it, Patterson will tour 20 cities in Canada during the next few weeks (while on vacation from

York) to demonstrate and explain his design from coast-to-coast to Amateur Hockey Associations.

Patterson will share all patent proceeds with The Canadian Amateur Hockey Association to further development of the sport among young Canadians.

While the perfect hockey helmet was the driving motivation behind Patterson's ten years of research and has probably brought him more public attention than any other aspect of his work (including an interview on the NBC Today Show and numerous articles in Canadian Newspapers) he has not restricted himself to that sport. He designed the helmets for the Canadian Equestrian Team which won the World Title in Mexico in 1968, as well as riding helmets for Prince Charles and Princess Ann, has worked on football and lacrosse equipment and most recently has been working with the Crippled Children's Hospital in developing protective headgear for children who, due to their handicaps, fall frequently risking head injuries.

Patterson, an amateur inventor of long standing, holds several patents



Charles (Charlie) Patterson shown here at the 1964 CFL All-Star game with former Toronto Argonaut quarterback Tom Dublinski (left) and Montreal Alouettes' Sam Etchevery. Since then Patterson has devoted most of his spare time to developing safer, more comfortable helmets for men like these.

in other areas outside of sports — like a revolutionary type electrical trolley wheel he produced in 1943 which saved then-vital copper supplies and is still being used by every street-car left in North America, and a safety device for metal lathes that protect equipment during operation.

He is also an ardent rock collector, rising before 6:00 am every morning to scour the shores of Lake Ontario

near his Clarkson home in search of prime specimens. One of his finds, a 450-million year old claw-rock, now resides in the Royal Ontario Museum and he is currently putting together a collection to be displayed in the fountain of the University's Central Square area.

No stranger as a participant in sports, Patterson won six Canadian Championships and one North

American title while rowing with the Argonauts during the '30s. He also played with the Sudbury Wolves Hockey team of the Junior Ontario Hockey Association in 1935.

Aside from his inventing, designing, rock-hunting and full-time university career, what does 57-year-old Charlie Patterson do in his spare time?

"I chase girls!"

Powers explained

Senate holds first fall session

The following is the first in a series of articles that will attempt to explain the structure of decision-making in the University. The one below concerns the Senate — the senior academic policy-making body — which holds its first monthly

meeting this afternoon at 4:30 in the Senate Chamber on the ninth floor of the Murray G. Ross Building.

Any Ontario university is the creation of the provincial Legislature, with the various governing bodies and offices deriving their powers and responsibilities from that authority.

Any change in the structure must ultimately be brought about, then, by an amendment to the act that set it up in the first place — as is happening with the changes to the University of Toronto Act now before the Legislature.

The Senate at York, with its powers spelled out in the York University Act, 1965, is the senior academic decision-making body.

Its membership of 150 includes 50 individuals who serve by virtue of their academic-administrative positions (deans, departmental chairman), 75 elected faculty members, 15 students appointed by various student councils, and 10 "others".

Authority delegated

This group delegates its authority to a series of committees, and to faculty councils of the different academic units of the University.

Decisions by these subsidiary groups must be ratified by Senate, but in general are accepted with only minor revision.

The faculty councils concern themselves mainly with matters of curriculum and academic regulations for their particular faculty, including petitions from students wishing to drop a course, change their programs, or obtain deferred standing due to illness or other hardship.

Once the council has made a decision, it forwards it to the Senate for review by the appropriate committee in terms of the whole University's interest in the proposal.

A recommendation for approval, disapproval, amendment and so on is then made to the Senate at one of its meetings, held every fourth Thursday, September through June.

Major policy matters

The committees mentioned above do most of the groundwork for the Senate, making it possible (sometimes) for that body to concern itself only with major policy matters without getting into specific details.

In general, then, the Senate is the body responsible for most of the major decisions affecting the academic life of students and faculty members at the University, ranging from examinations to the creation of new faculties, changes in the course offerings, and academic standards.

Its meetings are open to members of the York community by tickets which may be obtained from the Office of the Secretary of the University, W.D. Farr, Room S945, Ross Building. Below is a partial agenda for the meeting this afternoon.

Senate agenda

(a) Report from the Senate Executive on actions taken under the terms of its summer authority, including actions pursuant to the assumption by York of responsibility for the teacher training programs of the Lakeshore Teachers' College;

(b) Proposal from the Executive for the establishment of a Council of the Lakeshore Teachers' College;

(c) Report from the Senate Nominating Committee, including nominations for Chairman and Vice-Chairman of Senate, and Academic Colleague to the Council of Ontario Universities;

(d) Report from the Senate Committee on Honorary Degrees concerning the Fall Convocation, 1971;

(e) Proposed second and third readings of a statutory motion for the departmentalization of the Atkinson College academic structure.



Odds & Sodds

Chinese students meet

The second annual congress of the Chinese Student Union of Canada will be held this weekend at the York and Glendon campuses of the University. The Union has an estimated 3,000 members in twelve institutions across the country. Meetings, an art exhibit and a dance — all listed in the On Campus section opposite — are open to anyone wishing to attend.

Charge your books

AGYU, the Art Gallery of York University, opened its fall season this week with a showing of Eskimo carvings and prints from the University collection. This showing will be on until October 15 in the gallery, located in Room N145, Ross Building. Future displays will be mentioned in the On Campus section opposite.

Art Gallery Opening

Charge accounts are now available to all students, faculty, and staff upon application at either the York or Glendon bookstores. There is no charge for the credit account, but a service charge of 1.5 per cent per month is applied on balances outstanding 30 days after the monthly billing date.

York hosts Indian trio

Three of South India's most renowned musicians will give demonstrations and performances at York University next Monday and Tuesday.

Presented by York's Program in Music, Lalgudi Jayaraman (violin) N. Ramani (flute) and Trichy Sankaran (mrdangam-drum) will give a lecture-demonstration of South Indian classical (Karnatak) music on Monday at 4:00 pm in Room 112, Stong College.

On Tuesday, the three musicians will perform a full concert at 8:30 pm in Burton Auditorium. The concert will be primarily concerned with improvised exchange between the three musicians, each of whom will be heard in solo as well as in ensemble.

Anyone interested in attending either event will be welcome. There will be no admission charge.

Quote of the week

Good sense is, of all things among men, the most equally distributed; for every one thinks himself so abundantly provided with it, that those even who are the most difficult to satisfy in everything else, do not usually desire a larger measure of this quality than they already possess.

— Rene Descartes