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professor of chemistry at Harvard University, Cambridge, Massachusetts.

Co-director Kay explains that, at the outset, the group will concentrate on two distinct areas of protein research — fields in which the members of the group have already made contributions. One area the researchers plan to look at is the behavior of the proteins involved in the relaxation process of muscle. The other is an investigation of three microbial enzymes produced by the human body.

Dr. Kay says that while much is known about the type, number and location of the proteins in the muscle filament which are involved in contraction-relaxation, little is known about the way in which they interact with each other with calcium, the element responsible for triggering contraction.

A major endeavor of the group will be to explore these interactions on a molecular level.

The researchers are also going to undertake an intensive physical and chemical investigation of three microbial enzymes which studies have shown to be structurally similar to a family of pancreatic enzymes common to mammals — leading to a belief that there may be a common ancestor.

In addition to providing valuable insights into the action mechanism of the proteins which make up the enzymes, these studies may throw light on any evolutionary significance of their similar makeup, says Dr. Smillie.

A key aspect of both studies will be the 'recognition' factor — somehow proteins have a method of recognizing the element with which they are to interact. Much study has already been done in this area, some involving models and some involving synthetic elements, but much is still unknown.

The Medical Research Council funding for the research will be spread over a five-year period. For the first three years

English as second language

'English as a Second Language' is the subject of the latest course offerings of the University Department of Extension. The courses are aimed to embrace both adult students who wish to improve their written and spoken English skills and potential teachers of adult students who wish to learn teaching methods which apply to English as a second language.

The student-oriented course will begin during the week of Sept. 30, and will be in nine sections covering five proficiency levels. The fourth and fifth levels are both divided into conversational and written English.

Special courses are available for those who need instruction in pronunciation and technical report writing. Most of the courses are 10 weeks in duration, comprising 40 hours of instruction.

The course 'Teaching English as a Second Language' is also a ten week course but it starts earlier, on Sept. 16. It is a detailed course offering, covering Canadian English sounds and a review of the difficulties of English as a second language, such as verb tenses and word order. There will also be a study of the four aspects of learning a second

language: listening, speaking, reading and writing.

Teaching methods, including A. V. material and testing procedures, will be discussed. Questioning and discussion periods will also be included.

Classes will be held from 6:30 to 9 p.m., beginning Sept. 16, excluding holidays. The fee is \$50 and enrollment is limited

to 20.

Brochures and complete information on both the student and teaching courses, as well as times for the placement tests, can be obtained by phoning 432-1497 (days) and 432-3116 (nights).

Registrations for tests and courses will be accepted in Room 228, Corbett Hall.

Advanced Education hires six graduate students

Hired for one year as contract employees under the department's special internship program, the students have been assigned staff capacities according to their individual abilities and vocational aspirations, coupled with the needs of the department.

"This unique approach to staffing within a government department is designed to provide persons interested in pursuing careers in university work with varied administrative experience, and an improved understanding of the Alberta system of higher and further education," according to Dr. W.H. Worth, Deputy Minister of Advanced Education.

"Simultaneously, Alberta Advanced Education profits from the energies and talents of the interns, particularly their knowledge of recent theory and research."

The internship program was initiated on a trial basis last September, with three University of Alberta students in Educational Administration gaining a year's experience in the Department of Advanced Education and practicum credit from the university, within the time-span of their graduate program.

The pilot project proved so successful, said Dr. Worth, that the program has been expanded to accommodate more interns, and accept applications from other disciplines and institutions. Areas of graduate study from which successful applicants were selected this year include political science, sociology, business administration and commerce in addition to educational administration.

Six graduate students from the University of Alberta and one from the University of Calgary will join the department of advanced education Sept. 3 as administrative interns.

NASA gets medical aid

Effective October 1, non-academic staff at the University of Alberta will be able to make use of the University Health Service.

The University's Board of Governors voted to extend the service on an experimental basis, on September 6.

After October 1 non-academic staff injured or taken ill at the University and requiring emergency medical attention or examination, will be able to make use of the University Health Service during its regular hours of operation. There will be no cost for this service.

For a fee of \$15, they will be able to make use of all the services provided by the Health Service — excluding infirmary and dental care.

Other services include counselling, use of the treatment room for minor surgical procedures and dressing and allergy immunizations.

The services will be extended to non-academic staff but not to their families.

Records will be kept showing the costs, revenues, utilization and other information related to use by non-academic staff. This information will be reviewed annually by the Board of Governors to determine whether the experiment should continue.



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