

STORAGE

# Alumni News

Activities reported by the Nova Scotia Agricultural College Alumni Association

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A Doctor of Science Degree was awarded to Dr. MacRae at the McGill Convocation held on the Macdonald Campus in May. With him on stage are

(left to right) Dr. R.B. Bucklan, Dean of the Faculty of Agriculture, Steven Olive, Registrar, Macdonald College, and A. Jean de Grandpre, Chancellor of McGill.

## N.S.A.C. Principal Honoured

N.S.A.C. Principal Herbert F. MacRae was honoured by McGill University on June 5th with the degree, Doctor of Science *honoris causa*. Congratulations on behalf of The Alumni has been extended by our President, Dave Sangster.

Born in Middle River, N.S., Dr. MacRae taught school for five years before deciding to pursue a career in agriculture. He then attended the Nova Scotia Agricultural College and Macdonald College of McGill University. He was President of the Students' Council at both institutions.

After obtaining his B.Sc. (Agr.) in Agricultural Chemistry at Macdonald College, Dr. MacRae pursued post-graduate studies and obtaining his Ph.D. in 1960.

After working briefly for the Food and Agricultural Directorate in Ottawa, Dr. MacRae returned to Macdonald College as assistant professor of Animal Science. He became Chairman of the department in 1967 and retained that position until he was appointed Prin-

cipal of the Nova Scotia Agricultural College in 1972.

Over the fifteen years of Dr. MacRae's principalship the Agricultural College has experienced tremendous growth, both enrollment and full time faculty have expanded by more than 60% and a full-fledged degree program in agricultural science has been instituted with degrees being granted in association with Dalhousie University.

Dr. MacRae has also provided outstanding leadership to the entire Canadian agricultural community. In 1974, he was a charter member of the Canadian Agricultural Research Council, becoming President of that body in 1986. Dr. MacRae has twice served as President of the Canadian Association of Faculties of Agriculture and Veterinary

### Permanent Class Officers for Class of '87

Mr. Bill MacLeod - President  
Mr. Scott Howatt - Secretary

Medicine. His contributions have been recognized by his peers in that he has been awarded the Certificate of Merit by the Canadian Society of Animal Science and the Queen's Silver Jubilee Medal.

## A Welcome to Open House

Those of you who received your graduation diplomas in years ending with a "2" or a "7" will be the featured alumni at this year's gathering which takes place on July 24th and 25th at the AC. Of course, even if you didn't graduate in years ending with those numbers, you're more than welcome to come and join in on the reunion.

As usual, the Alumni weekend will be held the same time as Open House which runs from 11:30 to 4:30 on Saturday, July 25th. A lot has happened even since last year on campus, and if you haven't made it back to the AC for some time now, perhaps this is the year you should really try to visit. The Alumni Gardens, opened during last year's Alumni weekend, has had a year to mature even further to being a majestic and tranquil part of the campus - a place just to relax or catch up with what has been happening in the lives of your AC chums.

There's also a brand new building on campus which houses the Animal Science Department. It was officially opened by the Minister of Agriculture and Marketing, Hon. Roger Bacon, directly following this year's Convocation. It is the campus' second largest building (the first being the Cox Institute), and houses all the latest in technology to make it the most modern facility in Canada to teach animal sciences. Although not fully completed, new equip-

(continued on page 2)

## Alumni Reunion Program

### Friday, July 24

- 7:30 - 9:00 p.m. Registration, Cumming Hall
- 7:30 - 9:30 p.m. Reception, C.A. Douglas Room, Cumming Hall

### Saturday, July 25

- 9:30 - 4:00 p.m. Registration, Cumming Hall
- 2:00 p.m. Annual Meeting, Alumni Association, Alumni Theatre Cumming Hall
- 3:00 p.m. Class Pictures for Honour Years (2 and 7). Steps of Cumming Hall
- 3:30 p.m. Tour Alumni Gardens, east of Library Bldg.
- 5:30 p.m. Reception, Jenkins Hall
- 6:30 p.m. Banquet, Presentation of Awards, Jenkins Hall
- 9:00 p.m. Dance, Jenkins Hall

## A Welcome to....

(continued from page 1)

ment is going in on a regular basis.

You can expect all the other regular amenities plus some new ones as well at this year's Alumni Weekend/Open House. There'll be the barbecue at Jenkins Hall with live entertainment to complement your meal, with a special menu this year for children. Rides on a farm wagon around the campus will operate on a continuous basis during the Open House portion of the weekend, and the Agricola Collection of agricultural artifacts, under the supervision of our on-

campus archivist Prof. Peter Sanger, will be on display in the Library with continuous commentary on this collection.

The photo contest will again be looking for the best photos of an agricultural theme so that prizes can be awarded, and last, but not least, the opportunity to rub shoulders with some very interesting and friendly people....your College peers! So welcome back to the AC, and in '87 make it the best place next to heaven.

## N.S.A.C. Library Receives Vickery Publications

Vernon R. Vickery retired from Macdonald College in August of 1986. He has supplied the A.C. Library with a set of the books and papers he has written to date during his professional career. Such writings are important as scientific papers, but are of particular interest when they are authorized by an Alumnus of the college.

"Vic", as he is often known to his friends, is a member of the N.S.A.C. Class of '47 where, with several others who served overseas in the war efforts, undertook studies following demobilization. For twelve years he worked as an entomologist with the N.S. Dept. of Agriculture, and was an instructor at the college. In Nova Scotia he is often remembered as well for his work in the field of Integrated Pest Management, and for his contributions in rebuilding the insect collection following the Science Building fire. His career then led him to Macdonald College,

where he has been Curator of the Lyman Entomological Museum and its associated research laboratory. He has taught several specialized courses there and maintained an active research program.

In 1985 he was elected a Fellow of the Entomological Society of Canada, and last year, he was designated Emeritus Curator of The Lyman Entomological Museum at Macdonald. We note that in his retirement, he has become President of the Orthopterists Society, a global organization with members in fifty countries. He has recently assisted with international development work, which involves bringing specialists from Third World countries to Canada for training on topics such as Locust Identification, Population Assessments, and Control Methods.



The Class of '87 Tree was planted by Principal H. F. MacRae and the Life President, Bill MacLeod.



The Peter Hamilton Tree was planted by Nancy Hamilton, (a daughter), assisted by Jane Morton, Class '87 and Principal MacRae.



Peter Hamilton (front row, right) meets with Farmers in the Bath area, east end of Jamaica.

## Hamiltons in Jamaica

Bits and pieces of N.S.A.C. are spread far and wide these days. One of these bits or pieces, Peter and Margaret Hamilton, came to Jamaica in mid-February. Peter as a Co-operant of the Association of Canadian Community Colleges. The N.S.A.C. had been chosen earlier as the lead institution for this A.C.C.C. project.

The basic objective is to develop and strengthen extension and communication services for the 150,000 small farmers throughout this beautiful but very rugged country. The project is "pilot" in nature and concentrates on specific problems in two of the fourteen parishes.

I am slowly associated here with the Jamaican Agricultural Society, a very old (92 years) and highly respected organization that

represents the small farmers. The project was organized by A.C.C.C. and J.A.S.

My office is at J.A.S. headquarters right downtown in the bowels of the huge and teeming city of Kingston. I am most often not in the office!!

I work slowly with two Jamaicans, Alan Richards who manages the project for J.A.S. at the Jamaican end and with Brenton Reid, my Jamaican counterpart, farmer and J.A.S. officer. Some of you met Brenton last winter at N.S.A.C. and a few met Alan Richards more recently. I am fortunate indeed to have such partners.

Margaret and I have a townhouse (one of ten units) with a courtyard that has beautiful, tropical trees and flowers.

## Prince Edward visits 4-H'ers

Nova Scotia 4-H members will welcome His Royal Highness Prince Edward on June 27th, 1987.

On his first Royal Visit, the Prince will spend two hours with the 4-H members and leaders. He will be escorted by the Nova Scotia 4-H Host and Hostess.

Arriving at 11:00 a.m., the Prince will view the displays set up both inside the Athletic Centre and on the Nova Scotia Agricultural College Grounds.

The inside displays and activities will include twelve (12) project or event related booths. They will highlight all non-livestock projects as well as the Nova Scotia 4-H Show and the 4-H Camp, Camp Rankin. On six stages throughout the gymnasium, 4-H members will show their skills. The Champion 4-H Square Dancing Teams will dance. They are from the Loch Clover 4-H Club of Antigonish County and the Stewiacke Valley 4-H Club of Colchester County.

Nancy and Karen McKay of the Winding River 4-H Club in Colchester County will present their winning demonstration, "Giving You The Slip", on propagating plants. Cape Breton 4-H member, Mary Jane McNeil, will demonstrate puppet making in her demonstration entitled, "Sock Talk". Cape Breton 4-H members will fiddle and step dance for entertainment and Pictou County will put on a 4-H Fashion Show.

The Prince will view the livestock displays on his way to lunch at Jenkins Hall.

There will be a lot of areas on the grounds for the public to watch the proceedings.

The program will conclude at the private luncheon with a presentation of a gift by the 4-H members.

4-H is very pleased to have this opportunity to welcome His Royal Highness Prince Edward and especially at the Nova Scotia Agricultural College Campus.

## J. E. Sponagle - Photographer

Recently the Truro Arts Council, in cooperation with the Colchester County Museum, sponsored a lecture by Scott Robson, on the development of photography in Nova Scotia. Scott Robson is the grandson of J. E. Sponagle, a name familiar to hundreds of graduates of the N.S.A.C.

"Spony", as he was known to his many friends, photographed the graduating classes from 1911 to 1956 with only a few years during

the depression years in the 1930's when no pictures were taken. There were also photos of sports teams, student council and other student organizations, covering an era of 45 years, giving a pictorial record of the life at the college during those years.

When you visit the college, be sure to have a look at these pictures on the second floor of Cumming Hall.



## Greetings from the President

At this time, I wish to extend greetings to all N.S.A.C. Alumni and encourage you to attend Alumni Weekend at the N.S.A.C. Open House, July 24 and 25. This year, class years ending in two and seven will be honoured. Last year was a tremendous success with a record attendance. Plan to attend Alumni Weekend this year and support your class.

Alumni are reminded to visit the Animal Science building, the Agricola Collection in the Library building, the Alumni Theatre facility in Cumming Hall, Alumni Gardens and the many other Open House events.

As your President, I was invited to attend the 1987 Graduation Banquet and to address the graduating on the activities of the N.S.A.C. Alumni Association as outlined in our new Alumni Association brochure. I was also pleased to represent the Alumni Association at the 1987 N.S.A.C. Convocation and Reception. Mr. Win Langille represented your Association at "Charger Day," an annual event

organized by the N.S.A.C. Athletic Department. It was certainly most appropriate to have Win, a former N.S.A.C. athlete and coach himself, participate in this function along with other varsity athletes and athletic program supporters.

Finally, I want to thank all of the Alumni Executive for their support and assistance during my term as President. Special thanks to Mr. Win Langille, your Treasurer, who has conducted the financial business of the Alumni Association since 1980. Win plans to retire effective July 25, 1987. On behalf of the Alumni Association, thank you Win, for your interest, dedication and valuable contribution over the years. Appreciation is also extended to Mr. Ed Shuh, interim secretary, during Peter Hamilton's foreign assignment in Jamaica.

I have enjoyed my two years as your President and look forward to meeting Alumni members and family during Alumni Weekend.

Dave Sangster  
President



Brian Bishop, left, winner of the Noel Enman award is shown being congratulated by Rev. D. I. MacEachern, Chairman of Awards Committee and Dr. H. H. MacRae, Principal.



Distinction Award Winners honored at the Graduation Banquet. (Left to right) Terry Jones - Silver, Bill MacLeod - Gold, Scott Howatt - Bronze, and Jane Morton - Silver.

## What The Class Of '87 Is Doing

By: Brian M. Crouse, P.Ag.  
Student Placement Officer

Although not everyone has lined up a permanent job yet a good percentage of this year's class is satisfied with their immediate plans. Several grads have permanent farm positions, others have returned to their home farms, many are working with landscape firms, quite a number of the degree grads are considering graduate school, and some are planning on travelling next year.

Let's take a look around the Maritimes to see a cross-section of what the class of '87 is doing...

Marianne Ward is overseeing the embryo transplant program at Romandale Farms in Ontario, Susan Sullivan is herdsman at Roy Nielsen's in Stewiacke, Angela Grasse is doing quality control work at Cook's in Yarmouth, Paul Fage is working with Mactaquac Farm Equipment in New Brunswick, Heath Glover and Dave Bowlby are at Cobi Foods in the Valley in Nova Scotia, Brian MacDonald is selling livestock feed supplement for Novi Nutrition in Antigonish, Donald Finck is with a lawn care company in Missis-sauga, Ontario, Terry Jones and Scott Howatt are with Farm Credit Corporation in Charlottetown, Harlene Pick is working at Loomer's Hydroponic Lettuce Operation in Windsor, N.S. as well as helping with the family's greenhouse (nursery operation in

Centre of Rawdon), Kevin Kelly is in the farm supply section at Agro Co-op in Charlottetown, Brian MacLeod is selling office equipment out of New Glasgow, N.S., Bill MacLeod is the 4-H Representative in Cape Breton and Bev Connell is Assistant Ag. Rep. in Cumberland County, Nova Scotia both with the Nova Scotia Department of Agriculture and Marketing, Kent Curtis is doing farm equipment customer service work with Co-op Atlantic in Moncton, Alex George is into heavy equestrian training in Quebec and John Beaton is working on a dairy farm in the Ottawa area, Darlene Arsenault is on a dairy farm in the Valley, Nova Scotia, Keven Coates is on a dairy farm in the Moncton area, Dave Livingstone is working with the Alfi program with the Nova Scotia Department of Agriculture and Marketing in Truro, Jack Cox is on a dairy farm in Cape Breton, Tim Flemming is at Grand View Farm in Musquodoboit. Landscape Horticulture grads are working in Halifax, Antigonish, Sydney River, Fredericton, Dartmouth, Bathurst, Wedgeport, Nova Scotia, Saint John, Sussex, and in Ontario.

As you can see, members of the class of '87 certainly have taken their places in assisting with the development of the agricultural industry in the Atlantic Provinces and beyond.

## From the Registrar

Long before the N.S.A.C. Convocation in May, and students leave the campus to begin their jobs, applications from a new generation of students begin to flow to the College. There are a number of inquiries and applications prior to January but the majority arrive during the months of January, February, and March.

For the degree program, the applicants are considered on the basis of their previous academic records. These records include high school marks, and, where the applicant has been to a post-high school institution, the marks from that institution. These degree applicants are given; a) acceptance into a program, b) conditional acceptance, which depends on satisfactory completion in the program in which an applicant is presently enrolled, or c) the reason why their application has been turned down.

An application for a technical program (Technician, Technology, Pre-Tech) requires the applicant to meet the academic entrance requirements and have a satisfactory interview. Those who do not meet the minimum admission requirements are advised on their deficiency, and where possible, given advice on how to complete the admission requirements. Technical applicants will then be; 1) accepted, b) conditionally accepted, or c) put on a waiting list.

An accepted applicant will then be requested to make a course deposit and a second deposit if residence accommodation is needed. Other documentation such as medical form and a Student Services questionnaire are also sent to the applicant.

As of the middle of May, there have been 167 degree program applicants and 157 technical program applicants. For the degree programs, 70 have been accepted for the B.Sc. (Agr.), 44 for Pre-Vet and

11 for Pre-Engineering. Sixty-eight have received acceptance into a technician program, 23 into technology programs and 2 into Pre-Tech. Acceptances into programs does not translate directly into registrations in September. In some cases, students have made application to several post-secondary institutions or will have changed their minds about going to college.

The geographical origin of applicants looks like this; 57% from Nova Scotia, 24% New Brunswick, 10% Prince Edward island, 4% Newfoundland, and 9% other. The other includes applicants from parts of Canada, outside the Atlantic Provinces, and students from overseas.

As in the past few years there are quite a number of students who are transferring from other universities to N.S.A.C. in pursuit of training in agriculture.

V.L. Saxon, Registrar

# Class of '44 Lectureship Directions for Sustainable Agriculture

by  
**Freeman L. McEwen, Ph.D.**  
Dean, Ontario Agricultural College



On January 28, the 2nd Annual Lecture was held in Alumni Theatre. Among the guests were Agrologists from the Atlantic Provinces who included Dr. McEwen's talk as part of their Technical Day program.

In the lecture he emphasized that the agricultural and food system in Canada is a major and essential component of our economy. It accounts for more than 10% of our total economic activity, contributes in a major way to our balance of trade payments, and employs almost 1.5 million people. This system is in trouble because weak markets and poor demand for many of our foods have

resulted in prices that are so low that farming is not profitable.

A healthy agricultural industry is essential to a healthy Canada. The federal government must take the lead and work with the provincial governments to ensure that the current crisis in agriculture does not result in an uncompetitive and stagnant industry. It must therefore develop a long term policy successfully. Failure to formulate and implement such a policy would jeopardize our self-sufficiency in food, reduce exports, increase unemployment, and reduce substantially our economic viability.

## Class of 1947 Reunion

This is a reminder to all Class of '47 that a reunion is planned for the evening of July 24th, to be followed by Alumni Day and N.S.A.C. Open House on July 25th.

All class members listed on Alumni records have been circularized. At this date (May 30) we have received eighteen affirmative and three negative replies.

We will provide more detailed information to those planning on coming about mid-July, that is: time, place, cost, etc.

We would like to hear from those who cannot attend and hope to prepare a brief report for general distribution.

Letters to the following have

been returned: Charles E. Colpitts, James O'Neill, Donald S. Burgher, and William A. Gillis.

The following are Lost Sheep, in so far as Alumni records are concerned: J.G.H. Craik, W.G. Eidt, C.F. Harding, C.F. Colpitts, L.E. Lutwick, V.M. Holmes, H.J. MacKichen, D.R. Hansen, W.V. Potter, J.A. Arsenault, G.L. Ferguson, L.D. Chambers, R.A. Kelley, and A.G. Headrick.

Anyone knowing the whereabouts of any of the above, please advise the Alumni Association, P.O. Box 550, Truro, N.S. B2N 5E3.

C.E. Henery

## Class of 1957 - 30 Year Reunion

The time has come - we're ready for a slam-bang, whing-ding of a class reunion this year. The historic event is scheduled for Friday evening, July 24, in conjunction with the Alumni Reunion the following day.

The Place - Student Lounge - Jenkins Hall

The Time - 8:00 p.m.

The Activity - drinkables and eatables will be available, in an atmosphere for conversation and

The Price - a reasonable per head charge to cover the cost of

the evening's activities.

Come along and bring your spouse/companion for an evening of socializing and renewing old acquaintances.

To help with our planning, please let us know by July 17 if you will attend. Contact John Eaton at Co-op Atlantic, P.O. Box 750, Moncton, N.B., N.B. E0A 1X0 (506-858-6315).

Your Organizing Committee,

John Eaton

Gordon Trail

Ray Long

## Attention - Graduation Class of '42

This is the 45th year since our graduation from the Nova Scotia Agricultural College. Come and renew old friendships, meet other former students and see the wonderful college expansion.

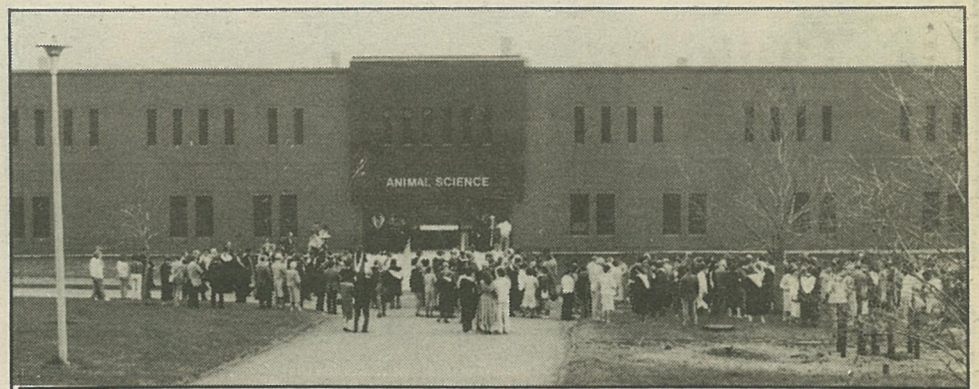
Take part in the 1987 reunion.

The dates for the reunion are Friday evening, July 24th and Saturday, July 25th. It will be a pleasure to meet again.

Yours sincerely,

Vernon Heighton

Class President '42



Some of the crowd that attended the official opening of the Animal Science Building.



Prof. Stuart Smith, parade marshal, leads the academic procession on Convocation Day.

## Biotechnology with D.B.L.

Dominion Biologicals Limited (DBL) of Truro, Nova Scotia, manufactures a wide range of superior quality diagnostic products which are used by hospitals and laboratories for determining blood groups of patients and blood donors. Such products contain antibodies which are produced mainly by conventional means from human plasma.

It is now possible however to produce antibodies by new biotechnological means, as monoclonal antibodies. These antibodies are derived from a clone of immortal cells called hybridoma cells which are a constant source of chemically pure, specific and well defined antibody.

In 1986 DBL entered into a research and development agreement with NSAC to equip and operate a laboratory within the Cox Institute of NSAC, with the aim of producing monoclonal antibodies of immunodiagnostic potential. This laboratory began operating in April 1987 and is staffed by a laboratory manager and a hybridoma technician. David Dobbie, the laboratory manager, has extensive experience in both blood banking and hybridoma work, and came to Truro from Oxford, England, where he was running the hybridoma laboratory for the UK Blood Group Reference Laboratory. Sandy Morrison, hybridoma technician, completed his M.Sc. at Dalhousie University and was with the neuroanatomy department before joining DBL in March 1987, and is currently working to develop monoclonal antibodies with specificity for blood group antigens.

NSAC staff, including Drs A. R. Robinson, D. C. Crober, W. F.

DeWitt and J. Nowak are contributing professionally to the project, and Professor H. M. MacConnell has overall responsibility for NSAC's contribution to the project.

Preliminary results include the production of antibodies specific for ABH blood group antigens and future aims include the production of antibodies of diagnostic value for both DBL and NSAC, the developments of advanced diagnostic techniques, and the successful transfer of these products to the marketplace.

## Medals and Prizes awarded at the 1987 Convocation at the Nova Scotia Agricultural College

Governor-General's Medals:  
Degree: Sarah MacDonald,  
132 Main Street,  
Truro, N.S.

Technical Michele White  
297 College Road  
Truro, N.S.

Atlantic Provinces Swine Producers Awards

Degree Kimberley Smith  
24 Kimberley  
Drive  
Truro, N.S.

Technical Randall Affleck  
Lower Bedeque  
P.E.I.

Ketchum Manufacturing Company Ltd. Prize:

Michele White  
297 College Road  
Truro, N.S.

K. Degeus Memorial Prize for Plant Science  
Michel Bouma R.R. 1 Robertville,

# The Building

The Nova Scotia Agricultural College's newest facility, the Animal Science Building, officially opened its doors in the Spring of 1987. This building, which cost \$7.5 million dollars, is one of the biggest on campus with over 5600 square metres of space in the two-storey structure. The building can accommodate over 200 students, 14 teaching staff and three secretaries.

On the first floor, the Animal Science Building contains office space; classrooms; two specialized rooms which are used for studying large animals and the other which permits the use of wholesale cuts of meat; a seminar/meeting room; laboratories which include a meat-cutting room, freezer/cooler storage and an area for taste panel evaluation; and finally a surgery suite.

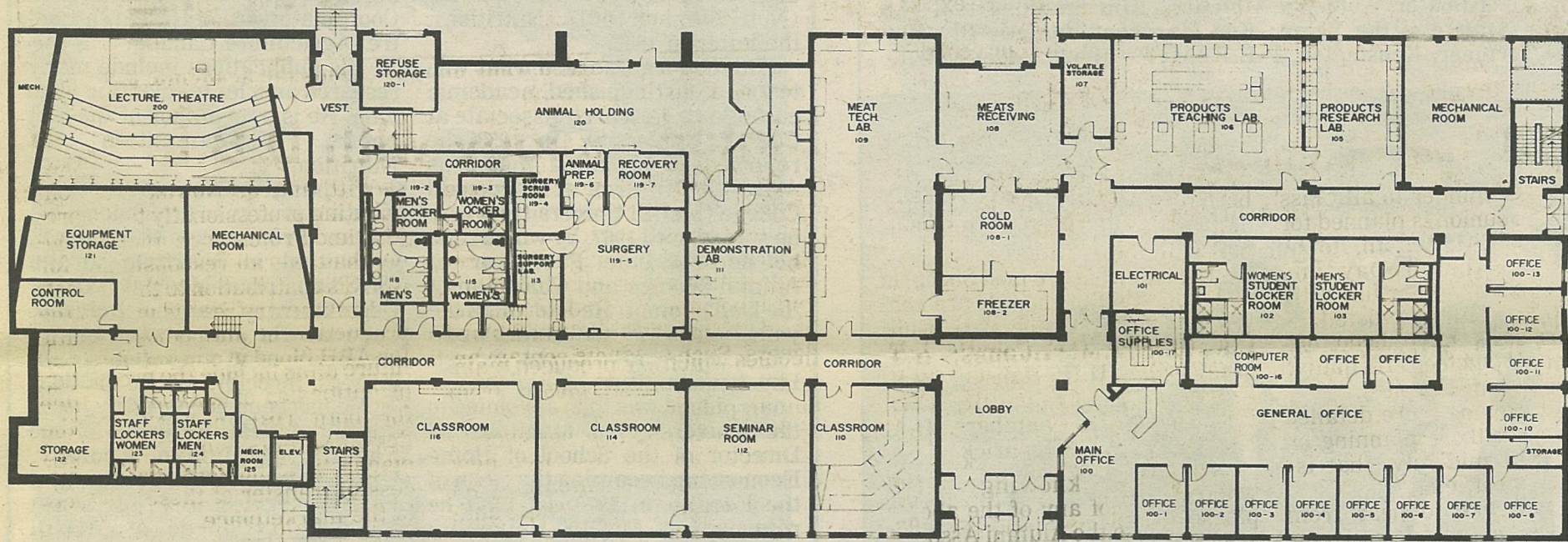
On the second floor there is a lecture theatre for seating up to 200 people; the physiology laboratory complex; two nutrition laboratories; and the animal breeding laboratory which doubles as the computer centre for the Animal Sciences Department. The building also has student reading rooms and work carrells.

In total, the Animal Science Building boasts the latest in technology in this field of study and should prove to be an environment conducive to superior work and research at the Nova Scotia Agricultural College.

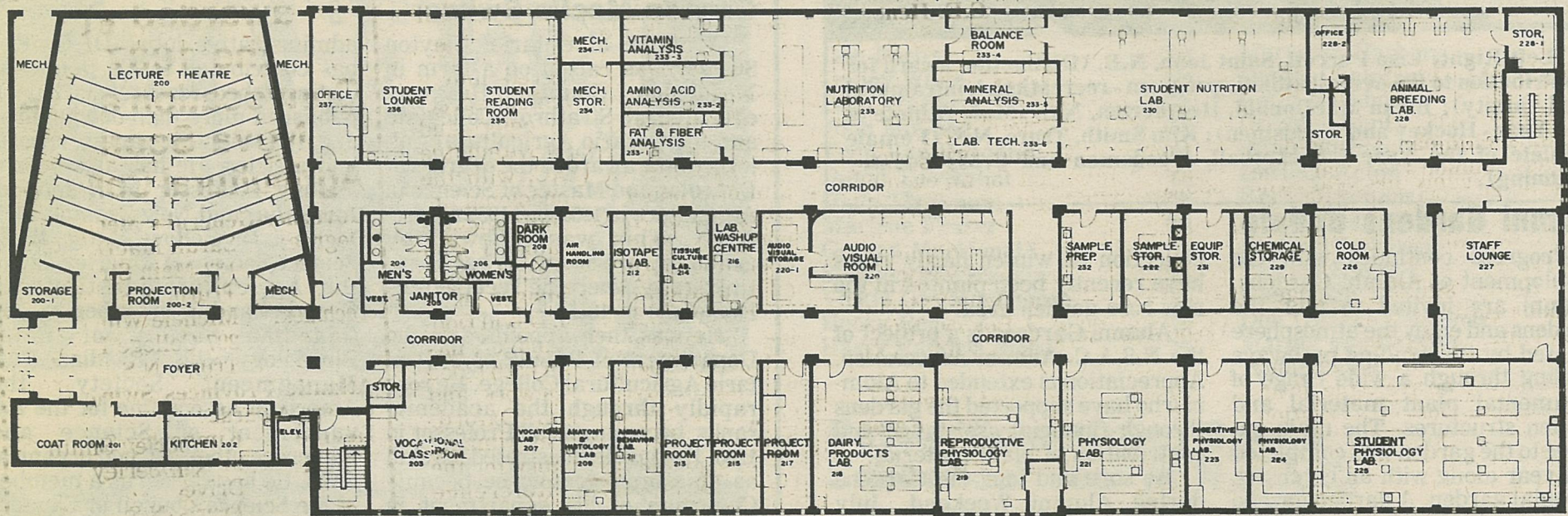


Hon. Roger Bacon (left) at the invitation of Principal MacRae (right) officially laid the corner stone for the new Animal Science Building.

## ANIMAL SCIENCE BUILDING



LEVEL 1



LEVEL 2

### New Life Members

- David C. Milligan '42
- David S. Clark '50
- Paul Harris '66
- Ian McKeen '70
- George Stephenson '21
- Ronald F. Roach '39
- Martin W. MacKinnon '41
- Daniel K. Phinney '86
- William B. Collins '46
- Wayne Parlee '66

### Class Photos

Class photos for honor years, 2 and 7, will be taken on the steps of Cumming Hall between 3:00 and 3:30 p.m., Saturday, July 25. Check with Dave Smith at the registration desk for more details.

### Alumni Chargers

All former varsity participants are asked to take note of **JANUARY 9, 1988**. This is the date set aside for our 3rd Annual Chargers' Day. Further information and schedule will

be forwarded in September when plans are confirmed. Alumni are asked to assist in notifying former athletes with personal contact; and anyone requiring additional information should contact Ken Marchant or Judy Smith at the Athletic Centre.



Left-Right: Paul Gamba, Kakura, Kenya (MVP - Men's Soccer); Lisa Purcell, Saint John, N.B. (Contribution Distinction Award); Judy Smith, Co-ordinator Women's Athletics; Kim Smith, Truro, N.S. (Female Athlete of the Year); Ken Marchant, Athletic Director; Walter Termeer, Kensington, P.E.I. (MVP - Men's Volleyball).



Left-Right: Lisa Purcell, Saint John, N.B. (Distinction award for contribution to the overall athletic program - recreational, intramural and varsity); Brian MacDonald, Heatherton, N.S. (Male Athlete of the Year - Hockey and Woodsmen); Kim Smith, Truro, N.S. (Female Athlete of the Year - Basketball, Woodsmen and Cross Country Running).

### Alumni Gardens Update

Progress continues with the development of Alumni Gardens. Alumni are invited to tour the Gardens and enjoy the atmosphere created by the winding pathways leading through a wide range of ornamental plant material and garden structures. The main entrance to the garden was completed last year along with an extensive perennial garden. A garden gazebo is now under construction and a

collection of winter hardy roses have recently been planted in the new rose garden area.

Alumni Gardens is a project of the N.S.A.C. Alumni Association. Appreciation is extended to Alumni who have supported the gardens through financial assistance and contribution of plant material.

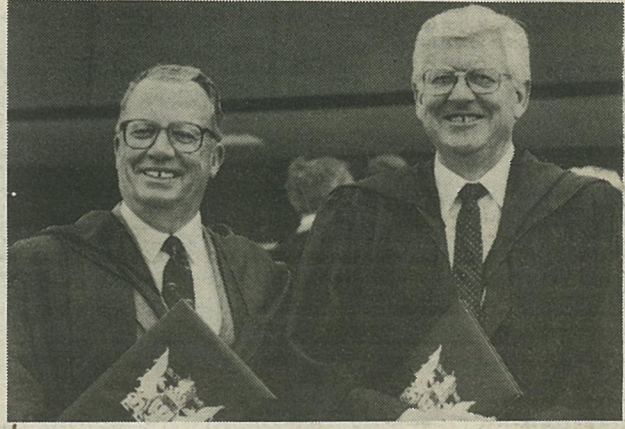
Be sure and tour the Gardens during Alumni Weekend, July 24-25, 1987.

### Membership

There are presently 470 life memberships and annual memberships vary from year to year. N.S.A.C. Alumni are located in many countries of the world including: Jamaica, Uganda, British West Indies, Nigeria, Guinea, El Salvador, Argentina, Guyana, Peru, Malawi, Ireland, Sweden,

Mexico, Panama, Sri Lanka, Trinidad, Cuba, Kenya, Netherlands, Ghana, Germany, Australia, United States and Barbados.

N.S.A.C. Alumni are now entered into a computer system for easy access and retrieval.



(Left to right) Dr. Lewis E. Lloyd and Dr. Clayton M. Switzer.

### Lewis Ewan Lloyd

Born in Quebec, Lewis Ewan Lloyd saw service in the Canadian Army, including overseas service, during World War II. Following his discharge he enrolled at McGill University and received the degrees of B. Sc. (Agr.), M.Sc. (Nutrition) and Ph.D. (Nutrition), the latter in 1952.

He then commenced what was to be a distinguished academic career as a Research Associate at Cornell University. In 1953, he returned to his alma mater as Assistant Professor at Macdonald College (McGill University) where he stayed until 1967, by which time he had become Professor of Animal Science and Chairman of the Department. He had spent the year 1958/59 as Underwood Research Fellow at the Rowett Research Institute, Aberdeen.

Dr. Lloyd was then appointed to the University of Manitoba as Director of the School of Home Economics, becoming the Dean of the Faculty in 1970. In 1977, he returned to McGill University (Macdonald Campus) as Vice-

Principal and Dean of the Faculty of Agriculture. In this position, he cooperated closely with the Nova Scotia Agricultural College, which prior to 1981, sent students to Macdonald to complete their degrees. Since 1985, he has been Nutrition Coordinator, Food Research Centre, Agriculture Canada.

His publications include many research articles in scientific journals. He is a co-author of the text book "Fundamentals of Nutrition."

He has given extensively of his time and energy to professional activities. From 1972 to 1985, he was Consultant in Nutrition to the Canadian Forces Medical Council, Department of National Defence, Canada. He has served many organizations as a member of committees, director, and so on.

He has been honoured by being appointed Dean Emeritus of the Faculty of Human Ecology, University of Manitoba and Emeritus Professor of Nutrition at Macdonald College of McGill University.

### Clayton Macfie Switzer

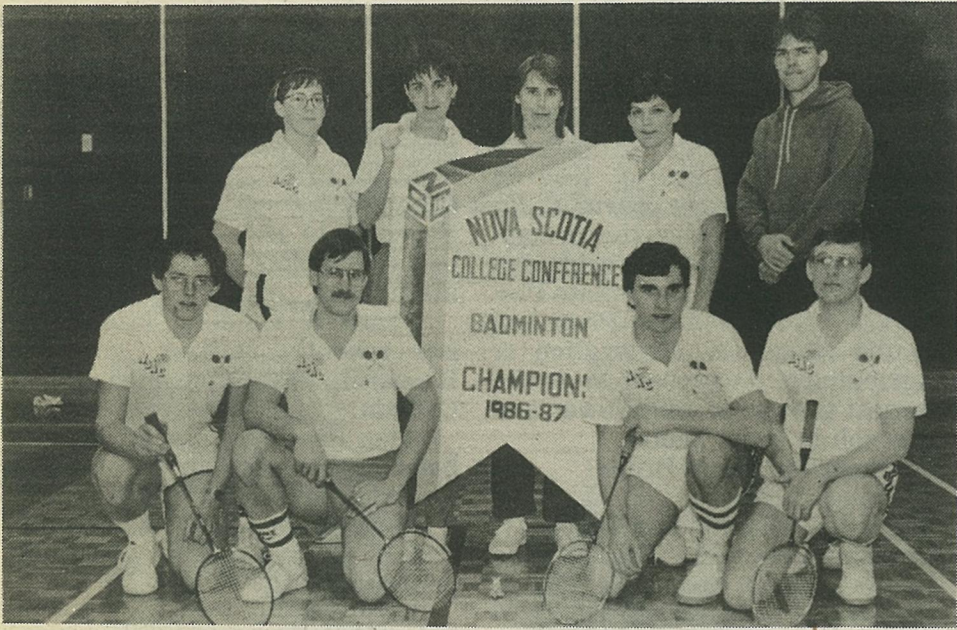
A native of Ontario, Clayton Switzer was raised on a farm in Middlesex County. He was educated at Strathroy Collegiate and the Ontario Agricultural College, being awarded the degrees of Bachelor and Master of Science in Agriculture in 1951 and 1953 respectively. This was followed by graduate work at Iowa State University where he received his Doctorate in 1955.

He was then appointed to the Department of Botany of the Ontario Agricultural College. He rose rapidly through the academic ranks, becoming a full Professor in 1963. Having demonstrated his skill as an administrator, he became Chairman of his department in 1967, Associate Dean in 1971, and Dean in 1972, a post he held until 1983. Since 1984, he has been Deputy Minister of the Ontario Ministry of Agriculture and Food. Prior to 1981, the Nova Scotia Agricultural College sent many students to Guelph to complete their degrees and he cooperated closely with the College.

In addition to his teaching and

administrative duties, Dr. Switzer has contributed to his field as a distinguished researcher, having published more than one hundred and fifty scientific papers, reports and articles. He has also been a visiting Professor in Argentina, Australia, and New Zealand.

He is a Fellow of the Weed Science Society of America and of the Agricultural Institute of Canada, and a member of the Canadian Society of Plant Physiology, the Canadian Pest Management Society, the American Association for the Advancement of Science and numerous other learned organizations. He has served as a member of the Science Council of Canada, the Canadian Agricultural Research Council, and the Ontario Economic Council. He has been President of the International Turfgrass Society, the Ontario Institute of Agrobiologists and the Agricultural Institute of Canada. Many other professional activities could be mentioned.



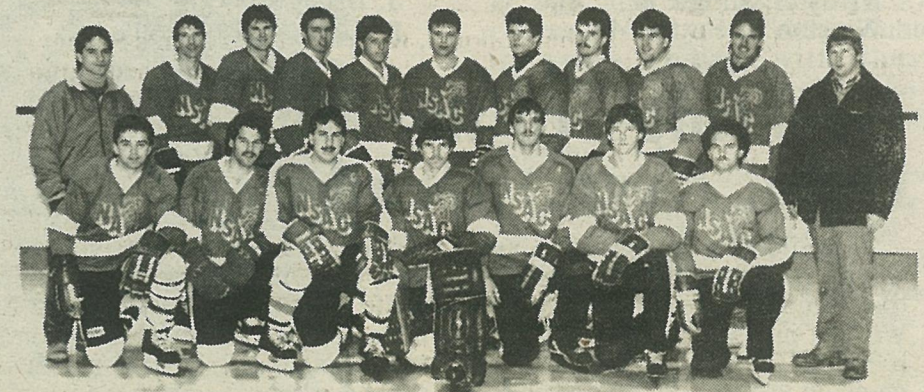
N.S.C.C. Champions - Badminton



Men's Volleyball



Women's Basketball



Hockey



Men's Basketball



Woodsmen

## THANK YOU

The NSAC Varsity Rams and Athletic Department would like to extend thanks to the following Alumni for their support of the Varsity Athletic Programs in 1986/87.

- Don MacNeil '56, '58
- Richard Russell '79, '80
- Dell Hiscock '69
- Larry Pedersen '78
- Don Porter '54
- Danny White '82
- Ivan Trafford '74
- John McCabe '82
- Tony Van Vonderen '85
- David Theakston '66
- Dave Thompson '70
- Marlene Fraser '78
- Gerard MacDonald '79
- Stephen MacMackin '81
- Vickie Lee MacKenzie '78
- Henry Bent '70
- Harry VanderLinden '75

- John Lohr '82
- Don Anderson '78
- Dean Schofield '85
- Larry Brown '66
- Ted MacFadyen '70
- Elizabeth Maynard '76
- Pius (Spider) Walsh '77
- Dick Huggard '56
- Steve Russell '76
- Glayne MacQueen '61
- Bruce Leck '74
- Margaret Harbers '81
- Daniel Chambers '80
- Peter Barkhouse '67
- George Chant '67
- Bruce Bishop '73
- Darlene Acton '86
- Kevin Simmons '79
- Judith Murray '79
- Michael Sandeson '78
- Patrick Riordon '67
- Glen Hebb '80
- Don (Brick) Cameron '85
- Margot van de Riet '81
- Roger Pryor '81

## Potato Scientist to Spend Sabbatical Year at N.S.A.C.

Dr. David Midmore, a research scientist at the International Potato Centre in Lima, Peru, visited the college in 1986. He was favourably impressed with the programs, facilities and staff and has now arranged to return for one year of collaboration and research with Dr. Robert Prange in the Department of Plant Science.

He will be arriving in July, 1987, with his wife and their three

children.

During his time here, he will pursue research activities, and in particular physiological studies that relate to the production of Potatoes in Tropical climates. Students in the International Potato Production Technology course, as well as those studying potato production during the regular academic year will have an opportunity to associate with Dr. Midmore.



## Lost Sheep

Joseph C. Morrison '25  
Joseph M. Rowland '82  
Eric W. Frank '55  
Paul R. Crouse '78  
Thomas E. Wright '79  
Allan C. Forbes '65  
Shelley L. Hustins '82  
Velma Campbell '80  
M. Irene Power '79  
Roger Fuller '72  
Ronald A. Healey '72  
B. Faye Condon '72  
Sharon M. Lockwood '82  
Duncan L. Fairbairn '75  
Donald J. Cooper '85  
Kirby H. Judge '82  
Winston V. Potter '47

C. Max Street '29  
Allen E. Giffen '72  
Laurie D. Cole '76  
Donna S. Hansen '82  
R.W. Ronald Fraser '65  
Robert M. Cox '65  
Tracy L. Flemming '79  
Margaret Van Dyk '83  
Ian P.L. MacDonald '50  
John E. Madill '66  
Harry A. MacLeod '46  
Velma M. Coates '81  
Roger M. Carr '82  
Kathleen (Dalton) Phipps '78  
Joseph H. MacNeil '52  
J. Bruce Roberts '70  
F. George MacLean

## Greetings to the New B.Sc. (Agr.) Grads

I would like to extend a very warm welcome to you on behalf of the Dalhousie alumni community. We are pleased to have you as a member of our society and encourage you to take an active role in the Association. In the future, you will receive information about the benefits and privileges that are now yours. These include a subscription to the Alumni News, travel and merchandise promotions, Dalplex and Arts Centre discounts and library privileges, to name a few.

I hope that if in the future our

office can be of any assistance to you, you will not hesitate to call or write. Our Director of Alumni Affairs, Heather Sutherland, is only too willing to help you. Her address and telephone number are Alumni Office, 6250 South Street, Dalhousie University, Halifax, Nova Scotia, B3H 3J5: (902) 424-2071.

I look forward to meeting all of you in the near future.

Sincerely,  
Betty Flinn  
President  
Alumni Association  
Dalhousie University

## Membership request

Memberships in the N.S.A.C. Alumni Association for the year 1987 are now due. The work of the Association which includes the publication and distribution of Alumni News is entirely dependent on the support of you as Alumni Members.

A Life Membership of \$75.00 will relieve you of paying any future yearly memberships of \$10.00. Either way you help to ensure the continuation of a strong, viable Alumni Association.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

Enclosed is \_\_\_\_\_ for Annual \_\_\_\_\_

Life Membership \_\_\_\_\_

Campus Enrichment Fund Scholarship Campaign \_\_\_\_\_

Send all correspondence to:

**Treasurer**  
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Nova Scotia Agricultural College  
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Editorial Committee:  
Dale Ells '59  
Dave Sangster '64  
and Sheila Ferguson

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NOTE TO PARENTS: If this issue is addressed to a graduate who no longer maintains a permanent address at your home, kindly notify the Alumni Office of the new mailing address.

## Personals

Bruce Rand, '70, of Delhaven, Kings Co., Nova Scotia, has been named the Atlantic Region Outstanding Young Farmer for 1987. Bruce has been active in community organizations, President of the N.S. Vegetable and Potato Producers Association and President of the Kings Co. Federation of Agriculture. At present he is the largest grower of cauliflower and broccoli in Nova Scotia.

Congratulations Bruce!

Doug Lousley, '66, is now located at the Canadian Embassy, Caracas, Venezuela. The last time I saw Doug he was in Toronto at the time of the Royal, six or eight years ago. At that time he was based in Texas with the Canadian Trade Commission.

G. Roger Otley, '57, is Vice-President, Royal Trust Company of Canada, Montreal. Roger remains active in the Macdonald College Alumni.

Ken Jeffers, '77, Greenfield Park, Quebec, is a test engineer

with Pratt and Whitney at their plant in Longueuil, Quebec.

Paul Brown, '82, and Darla Clow, '86, were married on February 14, 1987. A real Valentine party with lots of A.C. grads in attendance.

Frank W. Calder, Class of '44, has recently retired from the Research Branch of Agriculture Canada.

Alan Bentley, Class of '59, has been appointed to the Commodity Co-ordination Directorate of the Policy Branch of Agriculture Canada. He is the Co-ordinator for poultry.

Lorne Allister Putnam, Class of '53, is now working in Truro, N.S. as the Manager of the Royal Bank of Canada.

Bob Murray, Class of '52, has been named the first winner of the Malcolm Taylor (Mac) MacInnes Award by the Truro Philalelic Society. This award is presented for meritorious service.

## New Faculty

The Department of Economics and Business Management are pleased to announce the appointment of J. Michael Bowker to their staff. Dr. Bowker is a New Englander born in Framingham, Massachusetts. His educational and work experience is varied.

Michael completed his undergraduate degree in Biology at Bates College in Maine then joined the United States Peace Corps. After teaching high school Science and Math in Western Samoa, he served as a teacher trainer, consultant and recruiter with the Peace Corps.

Since 1981 Michael has been enrolled in the graduate program at Texas A & M. His areas of specialization include natural resource economics, applied quan-

titative methods, agricultural policy and international development. He has been involved in research on the economic feasibility of small scale ethanol production and non-market valuation of endangered species. His dissertation research involved modelling the effects of macroeconomic agricultural policies such as price supports and acreage restriction on the agricultural and non agricultural communities.

Michael will teach courses in the areas of Resource and Environmental Economics, Econometrics and Agricultural Policy.

We take this opportunity to welcome Dr. Bowker, and Dr. Brewster to the NSAC community CIAD MILLE FAITE.

Dr. Gordon R. Brewster (Gord) has been appointed to the Faculty of N.S.A.C. as an Associate Professor in the Chemistry-Soils Department. He is an experienced earth, soil and environmental scientist with a varied and extensive academic and industry background.

Previously, Dr. Brewster, a graduate of the University of Western Ontario, was a lecturer at McGill University and as Assistant Professor at the University of Michigan. Before coming to N.S.A.C., he was employed first as

a Geographic Specialist and later as a Development Geologist by the Saskatchewan Oil and Gas Corporation.

His teaching responsibilities will include courses in soil genesis and classification; soil survey and land evaluation; and geology. He will be developing a research program in soil development as it relates to agricultural problems.

Dr. Brewster brings a pleasant personality, an excellent background in field and laboratory soil sciences and significant teaching experience.

### Class '86 Gift

At graduation time the Class of '86 provided funds to help the college better display the numerous College Royal Trophies. Display

cabinets in Cox Institute have been enlarged and refurbished and all the trophies relating to competitions, as well as some of the Historical trophies, are now on permanent display.