

# Alumni News

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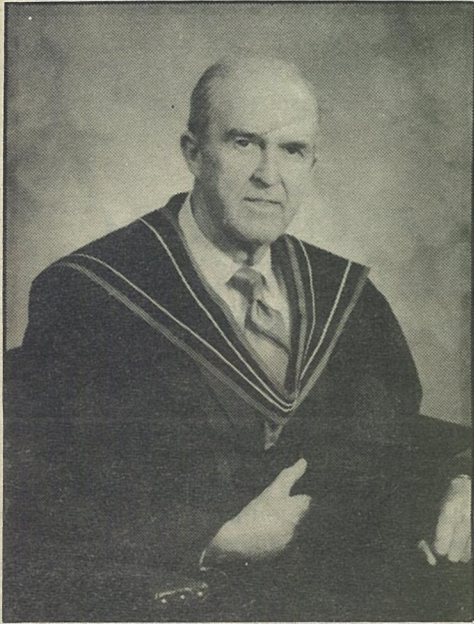
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Volume 17, Number 2

June, 1993



Parker Cox - photographed in the year of his retirement, 1973.

## The Parker Cox Library Trust Fund

The Library Trust Fund, to which contributions are made for the long-term support of Library Collections, has been named in honour of Parker Cox. In making the announcement, Principal Haley paid tribute to Mr. Cox, who served the College for twenty-six years as Registrar, Professor of English and History, Head of the Department of Humanities and Dean of Residence. "He is remembered as a wise counsellor, a friend of all, an outstanding teacher and a scholar of History and English".

When Parker Cox came to NSAC the College programs were delivered from the temporary quarters at the military camp in Debert. Mr. and Mrs. Cox lived on the "Debert Campus" because of his Dean of Residence responsibilities and he came to know the students better than others of the faculty. His treatment of students, which at first included a large number of war veterans, was firm but just, and because of this he won their deep respect and admiration. He continued to be Dean of Residence for ten more years when the College moved back to Bible Hill and Trueman House was opened as the first of the present residences.

Parker Cox was born in Upper Stewiacke and received his early schooling there. Following his graduation from the Colchester County Academy he entered Acadia University and was granted a B.A. degree. A period of teaching at the high schools in Wolfville and Truro followed, after which he enrolled in Graduate studies at the University of Toronto. On comple-

tion of his Master of Arts, he accepted a teaching position at Rothesay Collegiate School where he also was housemaster in one of the residences. This was followed by a period as Principal of the high school in Shelburne. In the summer of 1947, he came to NSAC as Registrar and Professor of English.

Following his retirement from NSAC in 1973, Parker Cox was named Professor Emeritus and became Secretary of the NSAC Alumni Association. In this role he continued to give his usual careful attention and energy and developed an extensive record of graduates, so many of whom he knew personally. For most of his retirement he and Mrs. Cox lived in Bible Hill, but now he resides with his daughter and son-in-law near Halifax.

By naming the Library Trust Fund in honour of Parker Cox, the College is drawing attention to a former colleague who had a profound and broadening influence on the personal development of students. It is anticipated that the Parker Cox Library Trust Fund will enable students to both deepen and broaden their understanding far more than what our public funding sources could permit.

## New Brunswick Regional Meeting

A meeting of New Brunswick Alumni was held at the Wandlyn Inn in Moncton on January 21, 1993. The event was well attended and an enthusiastic group of Alumni hope to hold a similar meeting again next year. Regional meetings of this nature provide an opportunity for N.S.A.C. Alumni to renew acquaintances and learn more about the happenings of the Alumni Association and activities ongoing at the College. Thank you to the organizers! If you are interested in participating in the 1994 New Brunswick Regional Meeting you can contact George LaBelle at (506) 576-6297 for more information.

## ALUMNI WEEKEND '93

**JULY 30,31**  
**SCHEDULE OF EVENTS**

### Friday, July 30

Registration & Informal Reception - 7 p.m.  
Jenkins Hall

Honour Year Class Reunions - Various Locations

## LIBRARY TRUST FUND UPDATE

The Library Trust Fund was established on November 25, 1988 when procedures for the administration of the fund and guidelines for the public recognition of donors were finalized at a meeting of Alumni Executives and the Library Funding Committee.

The Alumni Association's Treasurer receives donations to the Library Trust Fund which now totals \$18,588.

It has been the Association Executive's contention that many alumni contributions (of any amount) over time will have the greatest impact. The objective for the Fund over the long-term is to raise \$400,000 to provide an annual supplementary income for the purchases of materials related to agriculture and allied sciences for use by students, faculty, researchers and agriculturalists in the region.

## OPEN HOUSE AND ALUMNI WEEKEND

Saturday, July 31, will be a family fun day at the NSAC campus, with events and displays designed to attract a wide range of interest groups. Many departments will have interactive displays to draw attention to issues and opportunities associated with farming, farm products, the use of science and the environment.

The campus grounds are an excellent place to see a variety of trees, shrubs, and flowering plants. Alumni Gardens provide a good display of perennials and shrubs, which are all labelled with proper scientific and common names.

A barbecue with modest prices will be held at noon at Jenkins Hall. Snacks will be available in other areas of the campus during the day. Most displays and events will be open from 11:00 a.m. until 4:30 p.m.

### Saturday, July 31

Library Breakfast - Library

Registration - Cumming Hall

Honour Year Class Reunions

Honour Year Class Photos - 3 p.m. Steps of Cumming Hall

Banquet, Annual Meeting & Entertainment - 6 p.m. Jenkins Hall

## GRADUATE OFFICE OPENED

The Master of Science programme with a specialization in agriculture represents a unique co-operation between Dalhousie University and the Nova Scotia Agricultural College. Dalhousie University grants the Master of Science (Agriculture) degree in association with the Nova Scotia Agricultural College.

The N.S.A.C. delivers the programme to the graduate student in its capacity as the only higher education agricultural institution in the region. The N.S.A.C. is delighted with its alliance with Dalhousie University; in light of current trends towards the rationalization of post-secondary education, the co-operation between these institutions reflects a progressive outlook on higher education.

continued p.3



These new silos were constructed as part of the early work in the current phase of farmstead improvements. The new Ruminant Animal Centre will replace the current dairy barn and part of the beef unit. The farmstead is also being connected to the Central Heating Plant for heating services during this phase of construction.



# Principal's Message:

On May 7, 1993 the ranks of the N.S.A.C. alumni were increased by 142 as the graduating class received their degrees and diplomas. In spite of the current recession the employment opportunities remain strong for our College's graduates as the majority number already have employment.

During their studies at N.S.A.C. these students would have witnessed one of the most rapid changes in the College. Student numbers increased by more than 50% as the College approached its capacity of 750. A number of new programs were introduced including Animal Health Technology, Food Laboratory Technology and a degree option in Environmental Agri-biology. The graduates from these programs as well as those in other revised programs such as Biology Technology, have been well received by employers.

The Master of Science in Agriculture, a joint program with the Dalhousie University Faculty of Graduate Studies, has been approved and the first students will be admitted in the fall of 1993. As well, the College and T.U.N.S. has approved an Environmental Engineering major, which after approval from MPHEC, will be offered jointly by our two institutions. A proposed program in aquaculture is at the planning stage.

Research activities have continued to increase and our faculty now attract the third highest amount of science research money among the thirteen universities in Nova Scotia. Even in Humanities research funding the College ranks sixth in Nova Scotia in terms of major Humanities grants received by faculty. These research projects include SSHRC funding for philosophical studies in applied ethics of agri-

culture (\$125,000 over three years) and social geography studies of rural communities.

The College has clearly become the single most comprehensive agriculture research institution in Atlantic Canada. Our plans for Library automation include an ability to offer comprehensive bibliographic information plus multimedia capability to our whole Atlantic Agriculture community.

1994 will be the 90th anniversary of the College in Bible Hill and with the continued growth and development it promises to be a most exciting one. It comes when governments are having very difficult financial times and it is clear that we will not be able to finance all our program developments through government or through tuition increase.

In addition new elements such as graduate scholarships cannot be funded from government grants, presenting the College with a challenge in meeting this growing need. We will have to rely more heavily than ever on our alumni and I am especially pleased with the strong leadership provided by the N.S.A.C. alumni executive who have agreed to actively support the search for new funding for graduate scholarships.

Together we will be able to ensure N.S.A.C. continues to prosper and grow.

Alumni Weekend and Open House would be a great time for you to observe first hand the changing dynamics of the College.

L.E. Haley  
Principal



John Vissers

## VISSER ADDRESSES GRADS

John Vissers, Class of '75, Ons Erf Farm, Bridgewater, N.S., was the banquet speaker for the graduation banquet held on May 6.

His thoughts were clear and well received by all present. He emphasized that "... you have been taught to accept change, but more importantly, to question, to analyze, to resolve. You have to make your opportunities happen. Be confident, aggressive, organized and most especially use your people skills. An education at N.S.A.C. will take you to any college or university you want to attend, it will get you a job, 95% of last year's graduates found jobs and it gives you friends for life.

It will get you a job...not necessarily the job you wanted, but a job, it is up to you to prove yourself, no one has a 'right' to be or do anything, you must work for it, you must earn it, you must give it all you have...and then there is more!!!"

## ATTENTION ALL MUSICALLY TALENTED ALUMNI

This year for entertainment following the alumni banquet on Saturday, July 31, we will be featuring musically talented NSAC Alumni. If you, or if you know of any one who would be interested in joining our entertainment line up be sure to bring your talents, hidden or otherwise, to this year's reunion. The evening is sure to be fun filled but in order to make it a success we need you!! If you have any questions or suggestions of Alumni we may contact please call Les Haley (893-6600) or Darlene Stevenson (893-0054)

## RECIPIENTS OF DISTINCTION AWARDS

The Nova Scotia Agricultural College's system of Distinction Awards is designed to express the College's acknowledgement and appreciation of those graduating students who devote their time, energy, and talent to student affairs and athletics.

The system is so fashioned that only those students who demonstrate strong character and superior ability in intellectual endeavour and athletic achievement and who have definite qualities of leadership will eventually receive these Distinction Awards.

### Silver

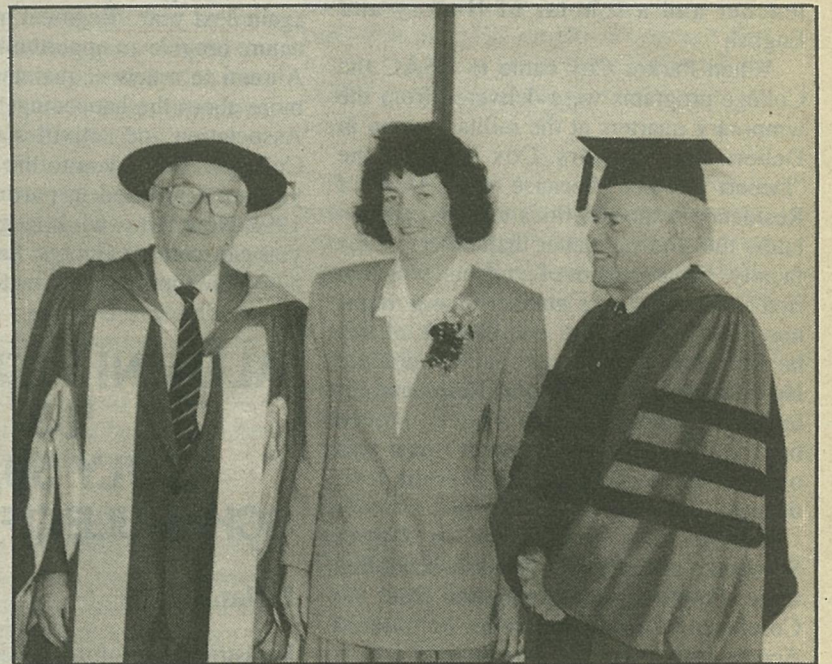
Sally Walker, Sussex, N.B.  
Myles Whitaker, Portugal Cove, Nfld.  
Rodi Adams, Chatham, N.B.

### Bronze

Jason Smith, Sackville, N.B.  
Jane MacLaurin, Miscouche, P.E.I.



Dr. Haley presented distinction awards at the annual graduation banquet. Left to right: Jason Smith, Rodi Adams, Myles Whitaker, Dr. Haley, Sally Walker and Jane MacLaurin.



Among special guests at Convocation were Dr. Herb MacRae, former Principal; Yvonne Thyssen-Post, President, NSAC Alumni Association; and Dr. William Jenkins, former Principal.





## BREAKFAST AT THE LIBRARY

The MacRae Library will again host a special event during the Alumni Reunion and Open House Weekend to take place Saturday, July 31, 1993 from 8:30 a.m. - 9:30 a.m.

The event is the fourth celebratory buffet breakfast, to include sausage, eggs benedict, fresh cut fruit and coffee or tea.

The event has been scheduled to honour those who have donated to the Alumni Association's Library Trust Fund as well as to thank others who have contributed to the Library. A program and displays have been planned for your enjoyment.

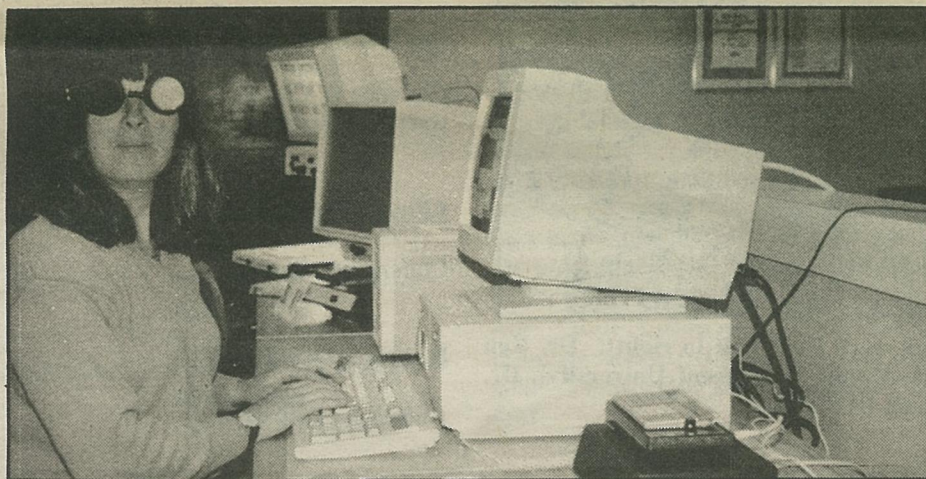
Invited guests include the President of the N.S.A.C. Alumni Association, Principal of the N.S.A.C., Vice-Principal, Dean of Vocational and Technical Education, Dean of Student Services, the Registrar, Chair of the Library Committee and a representative of the Student Union. We also hope to have as guests a representative of each of the Honour Year Classes for the 1993 Alumni Reunion.

Mrs. Patricia Kluepfel, daughter of J.E. McIntyre, and her husband Neil will be present, together with members of the immediate McIntyre family. Mrs. Kluepfel will share some stories and give us the benefit of some of McIntyre's old jokes. Then the exhibition will be officially opened.

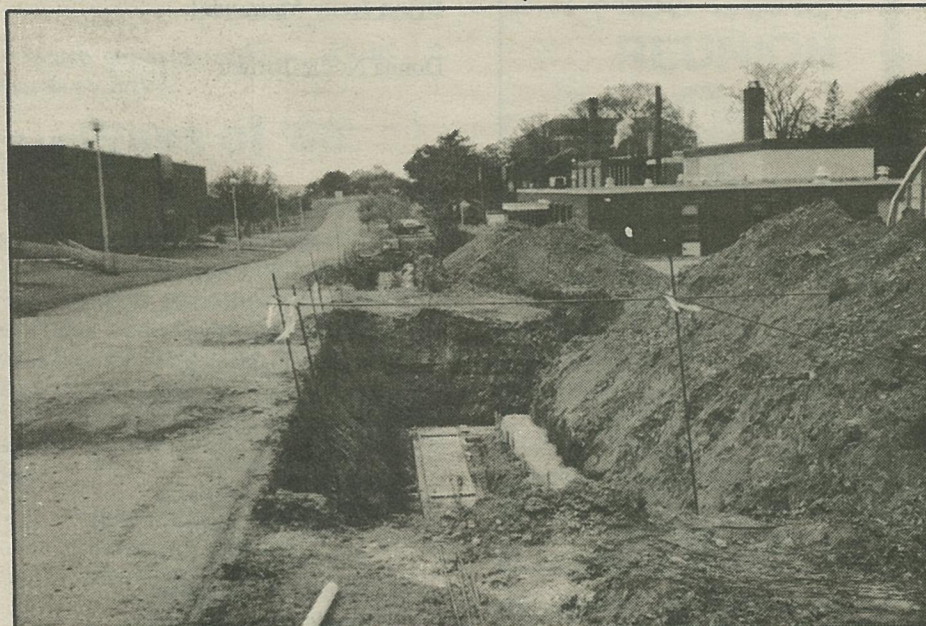
### FOR TICKETS

Everyone is welcome to attend the popular Breakfast event. Please note: space is limited. If you would like to attend the Breakfast, which will be catered by Beaver Foods, please contact Sherree Miller at (902)893-6669, ext. 1297, leave a message at (902)893-6669 or FAX (902)895-7693 for a reservation. The price is \$5.00 per person payable at the door. Reservations will be accepted until 12:00 noon, Friday, July 30, 1993.

A tree planting ceremony on Arbor Day, May 6th, was conducted near the Alumni Gardens, on the former Barrett property. The tree was planted by Principal Les Haley and Jacklyn Murray representing the Department of Plant Science. The tree was planted as a memorial to the late Kaye Barrett, a friend of the College for many years. Eleven members of the Barrett family and a large number of friends from the community and the campus were on hand for the event. Since then the family has written to the College expressing their sincere appreciation for the event which had considerable significance for them. They wanted all the College community to know of their appreciation.



Marylouise Chisholm, Rehabilitation Teacher/Orientation and Mobility Instructor, CNIB - Truro Branch, demonstrates MacRae Library equipment to assist people with impaired vision.



The new heat distribution system joining the farmstead to the Central Heating Plant will be installed north of River Road. The construction is currently inconveniencing the Hancock Veterinary Building.

## Lost Sheep

(since January 1993 issue)

Dr. James E. Robertson	'65
Graeme A. Jones	'83
Larry R. McKenna	'76
John M. Hutchings	'78
Bruce C. Thompson	'78
Norman F. Hoar	'35
Joseph Eric Comeau	'50
Janice E. Stewart	'82
William David Hamilton	'42
Raymond William Lockhart	'66
Guy Johnston Boswall	'78
David Ian Little	'72
Ruth Doreen Irving	'80
Sondra Roland Francis	'88
Frank H. Calder	'50
S. Wilmshurst	'33
Robert Archibald Searle	'54
Margaret E. Hope-Simpson	'79 & '86
Douglas Paul Jardine	'80
Grant W. Colpitts	'61
Kathryn A. Broadbent	'87
Daniel Gallagher	'88
Charles E. Sherwood	'71
Herbert G. Pryor	'45
C. Leigh B. Morrison	'73

## Graduate Office

(cont. from pg. 1)

The College is proud of its notable alliances with both agricultural industry in the region and in international agricultural centres. The Nova Scotia Agricultural College is renowned for its outstanding facilities for field and laboratory research. One of the unique strengths of the institution is the close interaction between students and faculty.

The graduate student will attend classes at the Nova Scotia Agricultural College in Truro, Nova Scotia. On occasion, students supplement their programme with courses at Dalhousie University. In addition to graduate level courses, special topics courses and modules can be arranged. Students choose to concentrate their studies in any of the following departmental specializations towards the attainment of the Master of Science in Agriculture degree:

### AGRIOBIOLOGY

Environmental Biology  
Pest Management

### AGRICULTURAL CHEMISTRY/ SOIL SCIENCE

Agricultural Chemistry  
Soil Science

### ANIMAL SCIENCE

Nutrition  
Genetics and Breeding  
Physiology  
Animal Behavior  
Animal Product Technology  
Animal Management

### PLANT SCIENCE

Crop Physiology  
Plant Biotechnology  
Crop Breeding  
Pre-Elite Seed Potato Production  
Short Season Vegetable Production  
Composting Research

For further information on the M.Sc. Agr., please contact:

Graduate Office  
Nova Scotia Agricultural College  
P.O. Box 550, Truro, N.S.  
B2N 5E3  
Phone: (902) 893-6360  
FAX: (902) 897-9399

## INTEREST IS HIGH

Interest from new applicants is high and waiting lists exist for several programs which begin in September. During the 1992-93 academic year enrolment was at an all time high, and lab space was at a premium. Evening lab sections had to be arranged for some classes. With quotas in place, it is still expected that student numbers will exceed the 750 target planned as the maximum enrolment with present resources.



## PRESIDENT'S MESSAGE

July 30-31, 1993 is Alumni Weekend and I encourage you to take this opportunity to return to NSAC, see the developments on the campus, reunite with old friends and meet new friends.

The program for Alumni Weekend has changed a little this year in comparison to past years. Instead of organizing a separate program, we are encouraging you to take advantage of the NSAC Open House activities which take place in conjunction with Alumni Weekend on Saturday, July 31. Take the time to tour the campus facilities and the many displays in the various College departments. The displays highlight current research or special projects, providing an excellent overview of what is happening at the College. Be sure to pick up an Alumni welcoming brochure at the registration desk. This will highlight certain events taking place during the Open House activities on Saturday, as well as special activities for Alumni.

This year the Alumni Association will

be presenting a book to the Library during the Library Breakfast on Saturday morning of Alumni Weekend. This is to show our support to this facility, recognizing the significant role it plays in providing a continuing quality education. The Library Breakfast is a special event providing an opportunity to hear about special projects, receive an update on the library trust fund as well as enjoy a pleasant breakfast. I recommend that you purchase tickets to attend this event.

Regional meetings is one way of having Alumni meet more often, and without necessarily travelling to Truro. In January a very successful Regional Meeting was held in Moncton, with over 40 Alumni in attendance. The Association would like to see more of these held throughout the Atlantic Provinces. These gatherings provide a great chance to chat with "aggie" friends, as well as hear about the happenings of the Association and NSAC. This is also a time for you to provide feedback to the

Association regarding suggestions or ideas for future programs. If you are interested in arranging a Regional Meeting, please contact one of the Board of Directors so that the Association can help with the arrangements.

The Association welcomes comments from all Alumni. Please direct these to any of the members of the Board or the Executive, which are listed below for 1992-93:

Past President, Campbell Gunn; President, Yvonne Thyssen-Post; Vice-President, Jim Baillie; Secretary, Darlene Stevenson; Treasurer, Steve Russell. Board of Directors: Joyce Ferguson, Brenda Simmons, George LaBelle, Frank Lawson, Sandy Cameron, Bill Hanlon, Dr. Jim Wright, Marion MacAulay, Kevin Aucoin, Jim Baillie, Vic Saxon.

Hope to see you on sometime during the Alumni Weekend festivities, July 30 & 31, 1993.



**Yvonne Thyssen-Post,  
President, NSAC  
Alumni Association.**

## NEW LIFE MEMBERSHIPS

Ralph Jardine  
Nancy Smith  
Donna Noble-Brown

## DONORS TO FUNDS MANAGED BY NSAC ALUMNI ASSOCIATION

The following list includes only those names who have made donations since February 1, 1993:

### C.A. Douglas Fund

Keith Douglas  
Edna Douglas

### Class of '52 - Agricola Collection Fund

Isabel Archibald

### Ian Neil Memorial

Christine D. Carroll  
Catherine E. Andrews

### Library Trust Fund

Christine D. Carroll

### Roy Stevenson Fund

Aubrey Hutchinson

### A.C. Neish Memorial Fund

Harry H. Chapman

### Brian Kelly Memorial

Donna Noble-Brown

### Woodsmen Memorial Fund

Grant W. McCaffrey  
Katherine Gowan  
Peter van Dyk  
Isaac W. Smith  
Graham C. Kempton  
Richard Russell  
Brian Trueman  
Anna d'Entremont  
Harry & Joanne Vanderlinden  
David & Pamela Bent  
Pius A. Walsh  
R.A. Feeney Logging & Trucking  
Victor Oulton  
Jane Duivenvoorden  
Michael & Joyce Carmichael  
Stuart L. Taylor  
Francis J. Vosman

### John Thomson Memorial Fund

Gilbert Allen.

### Campus Enrichment Fund

Charles & Joan Fraser

## OBITUARIES

John Stanley Banks	'47 (April 28, 1993)
Gordon Stuart Canavan	'49 (Feb. 24, 1993)
Daniel M. Chaisson	'26
Charles McKittrick Collins	'20 (May 24, 1993)
G. Burnham Cox	'33 (Feb. 5, 1993)
Eric J. Galloway	'34 (Feb. 26, 1993)
Maynard P. Harrison	'28 (May 2, 1993)
James A. Killam	'70
Roy C. Layton	'31 (June 6, 1992)
Arthur McElhinney	'46 (March 2, 1992)
George M. Stones	'45 (March 13, 1993)
Charles D. Taper	'33 (Jan. 10, 1992)
James M. Thomson	'38 (April 4, 1993)
Frederick L. Trenholm	'53 (May 15, 1993)
Dr. Howard L. Trueman	'15
Lawrence A. Westcott	'38 (Feb. 23, 1993)



Representing other institutions at Convocation were from (left to right): Dr. Ken Dunn (Dalhousie University), Carol Goodwin (Mount St. Vincent University), Dr. Kris Watts (T.U.N.S.) and Dr. Bernie MacDonald (N.S.T.C.)



Among the special guests at Convocation were Dr. Jim Wright, Tina DeGeus, who presented the Klaas DeGeus Memorial Prize and Serge Michaud, N.B. Dept. of Agriculture.





The winners of the Co-op Atlantic Shield for best percentage attendance at 1992 reunions were presented by Darlene Stevenson, Secretary, NSAC Alumni

Association to (left to right): Joyce Ferguson, Class of '82; Herb MacRae, Class of '52; and Arthur Davidson, Class of '32.

## Class of '38

### Calling the Class of '38 for our 55th Reunion:

You will recall the wonderful get-together we had at our 50th and now it is time for another great reunion.

Mark your calendars for July 30-31, 1993. Let us give the Class of '38 the biggest representation at the Alumni homecoming weekend. Don't forget — meet at Best Western Glengarry Motel, Willow Street, Truro, on Friday, July 30, at 6:00 p.m.

**Come and make it happen!**

## To the Class of 1943:

Just a reminder that we want to see you all, or as many of you who can make it to the Class Reunion of 1943. It is now 50 years ago since we graduated from the N.S.A.C. and went our separate ways — some to continue in agricultural training and some back to the land.

Great changes have taken place on campus since that day in 1943. Come visit the new N.S.A.C., visit the new buildings, the new gymnasium, the library, animal science buildings, etc.

Come meet your former classmates and enjoy the weekend.

A banquet is being planned for Friday, July 30 — good food, come and celebrate!

For further information, please contact:

Wilfred Badcock  
84 Scenic Drive  
Truro, Nova Scotia  
B2N 4N5  
902-897-2752

or

Harold Rogers  
56 Birkdale Crescent  
Halifax, N.S.  
B3M 1H5  
902-443-3819

### Reuse and Recycle



The Clean  
Nova Scotia  
Foundation

## Class of '58

The Class of '58 will celebrate its 35th anniversary with a special program at this year's Alumni meeting in July. Class organizers Fred Pierce, Don MacNeil and Les Haley have arranged a reunion program including a barbecue at the Haley's on Friday night.

Twelve positive responses have already been received and the organizers expect to hear from many more. Is it possible that the band "The Agricolaires" might be available for entertainment?

Bring your horn, Paul and Dave!

## Class of '63

Reminder about Alumni Weekend activities:

Friday night:

6:00 p.m. Registration in Jenkins Hall

7:00 p.m. Chicken BBQ outside Jenkins Hall (weather permitting)

8:00-10:00 p.m. Social Hours, Jenkins Hall

\*\*\*\*\*

Please get registrations back to Bob Daniels by July 1.

## Class of '68:

This being our 25th year after graduating from N.S.A.C., a get-together for the weekend of Open House, July 30-31, 1993, has been planned. After registration on Friday evening and Saturday morning, arrangements have been made to meet in the Loft above Jenkins Hall.

If you have further questions, please contact the following for more information:

Bob Thompson, Truro  
893-6365 (office)  
893-2555 (home)

or

Brian Cameron, Kentville  
678-7476 (home)

## TO CLASS OF '78

Fellow Alumni:

It's time once again to get your year-book out and start to reminisce about the good times and friends that were made at A.C. Our 15th year reunion is upon us. The dates are July 30 and 31. We hope to make the weekend as much fun and memorable as the 'good ole days' (in a much more mature manner!). The committee is open for ideas as to what we can do at our informal gathering on Friday evening. This will be held at the Loft in Jenkins Hall. A cash bar will be available.

Rooms are available in residence to stay in for the weekend. The rates are \$28.00 for a private room or \$38.00 for a double room. We can have our own block of rooms together if we know in advance how many people will require them. So please contact either Sheri Morehouse (893-6536) or Anne (Savage) Franey (538-1412) if you would like to room with the rest of your classmates or if you have any input on making this reunion unforgettable! Come, enjoy the weekend, and have fun!

Sheri Morehouse

## 1988 CLASS REUNION

There will be a five-year reunion for the 1988 graduating class at the N.S.A.C. Open House on July 30 and 31.

Although it has only been five years since we graduated we have passed several milestones in our lives, i.e. career establishment, marriage, children, etc. It's a great opportunity to catch up with old friends.

If anyone is interested in attending please contact Lise (LeBlanc) Casey at 893-6549 or 757-3419.

**HELP!!** We have been trying to find our "elusive" president Emery Leger. If anyone knows where we can reach Emery please let Lise know.

## CLASS OF 1983:

Since 1983 marks the 10th anniversary of our graduation from N.S.A.C. it would seem appropriate that we make a special effort to revisit the campus to renew old friendships and see how the campus has changed over the past decade. In the near future the graduates of 1983 should receive a letter of invitation to this year's Alumni Reunion on July 30 and 31st. Let's make an effort to attend this special event and reminisce about our days at N.S.A.C.

Bobby Booth (Contact Person)

## PERSONALS

Sue Ellen (Robertson, '92) and Mark Sinclair are to be congratulated on the birth of Emily Elizabeth, born March 22, 1993.

Jean Withers ('92) and Royce MacRae were married on November 21, 1992. They are living in North Vancouver, B.C.

Cheryl and Perry Kienzle ('79) are pleased to announce the birth of their daughter, Hannah Marie, on March 8, 1993.

Becky and Michael Main ('88) are proud parents of a son, born January 28, 1993.

Greg Fergus ('83) has recently been promoted to the position of Quality Control Supervisor, Moosehead Breweries, Dartmouth, Nova Scotia.

Gina MacDonald, Class of '85 and Ian Bain Class of '84 were married on May 15, 1993. Congratulations!

Greg Fergus, Class of '83 was promoted to Quality Control Supervisor for Moosehead Breweries in January, '93.

Sally Walker, Class of '93 was recently employed by the Farm Credit Corporation.

Sarah Bowers, Class of '88 was married on May 22, '93 to Brian Coxhead a recent DVM graduate of UPEI.



## NSAC CONVOCATION

One hundred and forty-two graduates received diplomas and degrees at Convocation in the Langille Athletic Centre on May 7. Thirty-five of these received Technician Diplomas, 40 received Diplomas of Technology, 10 were granted Engineering Degree Diplomas and 57 received B.Sc.(Agr.) Degrees.

The employment record for the graduating class, although not as good as in previous years, is very high compared with other post-secondary programs. More private sector employers were recruited on campus but fewer jobs were available from governments.

### Accommodating Change

"Make your job good fun! You can use the dynamics of Agriculture to do different things, go different places and make your job exciting and real good fun."

This advice and the observation was part of the address to the graduating class at the Nova Scotia Agricultural College, given by Dr. Donald Young, from Fredericton, N.B. He was honoured with a Doctor of Laws from Dalhousie and NSAC at the Convocation in Bible Hill on May 7.

When addressing the class, he went on to stress that "changes within Agriculture will occur because the technology is there, because of free trade agreements, and because of demand from the public for high quality food at the lowest possible price. There is not much loyalty as to where the food is produced." He encouraged graduates to accept change, not fear it. Accommodating to the changes is "just a state of mind."

He pointed out examples of high expertise in Atlantic Canada by referring to the potato industry with its many export connections for the sale of food products, industry processes and services. "The export of agricultural technology is a growing area where the Maritimers have some natural advantages."



The two scientists honored at Convocation were photographed just before the ceremony with the Academic Heads of Dalhousie and NSAC. Back row (L to R): Dr. Howard Clark, President, Dalhousie University; Dr. Donald Craig, recipient of an Honorary LLD; front row (L to R) Dr. Donald Young, recipient of an Honorary LLD, and Dr. Leslie Haley, Principal, NSAC.

In the address, Dr. Young presented four short stories that illustrated the complex society influences on decisions affecting agricultural research, crop production, food processing and marketing. Self appointed critics and special interest groups are speaking out on very complex issues, and a balanced perspective is often missing. "I believe there is an expanding job market for individuals and organizations with the training and talent to present complex agricultural and food issues to government, regulators, the press and most importantly to the consumer."

He also stressed that each of us "has an obligation, at every opportunity, to explain our science, our technology, our craft to the public in order to increase the public understanding of the issues surrounding the production of food, the most important product of all."

### DR. DONALD L. CRAIG

Donald Laird Craig graduated with a diploma from the Nova Scotia Agricultural College in 1945. He received his B.Sc.(Agr.) in 1947 from Macdonald College, his M.Sc. in 1952 and his Ph.D. in 1954, both from the University of New Hampshire. He retired in 1983 after 35 years at the Agriculture Canada Research Station, Kentville.

Dr. Craig is a distinguished breeder of small fruits. As a result of his breeding program in berry crops and ornamentals, he has introduced a host of superior quality, winter hardy cultivars to the region, which includes eight new strawberry varieties, two raspberry cultivars and twelve rhododendron and azalea selections.

Recognizing early in his career that strawberry cultivars in Eastern Canada were inferior to those in the U.S., Dr. Craig provided outstanding leadership in developing the first strawberry certification program in Canada for nurseries to produce virus-free plants. The program has formed the foundation for a local industry which produces millions of plants annually for markets as distant as Manitoba and Florida.

Dr. Craig is also widely known by local and national floral groups for his many award-winning rhododendron cultivars which are included in a multi-acre, landscaped setting at the entrance to the Kentville Station. The unique collection attracts thousands of visitors each "Rhododendron Sunday" and throughout the year.

Dr. Craig has authored or co-authored over 80 scientific, farm and garden publications. He wrote the chief production guides for most of the berry crops cultivated commercially in Eastern Canada.

Dr. Craig is a past president and honorary life member of the Canadian Society for Horticultural Science. He has served as Atlantic representative on the Canada Expert Committee for Horticulture, vice-president of the American Pomological

Society and executive member of the Rhododendron Society of Canada.

He received the 1985 Award of Merit from the Canadian Society of Horticultural Science. He was inducted into the Atlantic Agricultural Hall of Fame in 1988 and was the 1990 Recipient of the Wilder Medal by the American Pomological Society.

For his contribution to agriculture and horticulture, I ask you, Mr. Chancellor, in the name of the Senate, to bestow upon him the degree of Doctor of Laws, *honoris causa*.

### DR. DONALD A. YOUNG

Donald Young's distinguished career has been tied to the fortunes of potatoes in both their natural and fried state. Having received his Diploma in 1950 from the Nova Scotia Agricultural College - where he was class President - he went on to receive his B.Sc.(Agr.) in 1952 from Macdonald College, his M.Sc. in 1954 and his Ph.D. in 1957 from the University of Wisconsin.

Dr. Young joined the Agriculture Canada Research Station, Fredericton, in 1957 as a member of the Potato Breeding Program. Ten years later he became its program leader. He built up a distinguished multidisciplinary team of scientists and established the Benton Ridge Potato Breeding Facility. In the early 1960's he began his work on the importance of internal texture in the quality of french fries. This led to the recognition of the potential of the Shepody variety. Released in 1980, this variety has made stellar progress in both Canada and the United States. In the french fry industry it is the only competition for the Russet Burbank variety. Significant commercial production of the Shepody variety now occurs in Canada, U.S., Mexico, Brazil, Argentina, United Kingdom, Netherlands, France, Spain and Australia. In recent years royalties from the European production of Shepody have made a significant contribution to Agriculture Canada's potato research budget.

Dr. Young's work has extended beyond North America. In 1978 he directed a joint International Potato Centre - Fredericton Potato Breeding Program research project on predicting the response of potato cultivars in environments where they had not been tested. This project involved trials in 12 countries. At the request of the Canadian International Development Agency, Dr. Young worked in Bangladesh in 1984-85 to develop the potato section of a four crop, \$50m, Crop Diversification Program.

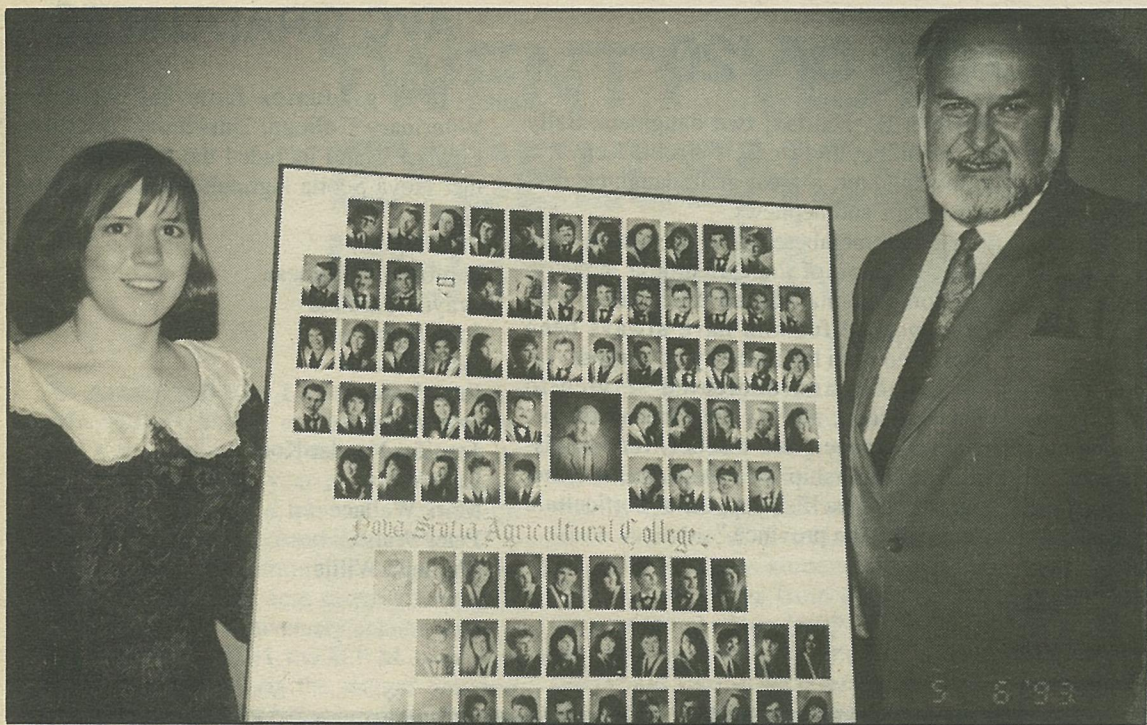
Dr. Young retired from Agriculture Canada in 1986, but his career merely changed direction. From 1986 to 1990 he worked for the N.B. Department of Agriculture as Technical Director of the Keshan Potato Research Institute Project, in the Heilongjiang province of the People's Republic of China. For the past seven years, Dr. Young has been associated with McCain Foods Limited developing research programs and staff training in numerous countries.

For his life-long career in developing agricultural research — and for his international renown as a scientist — I ask you, Mr. Chancellor, in the name of the Senate, to bestow upon him the degree of Doctor of Laws, *honoris causa*.



A large crowd was on hand to witness Convocation proceedings on May 7, 1993.





Tara Chase presented the class picture to Principal Haley at the Graduation Banquet on May 6.



Ross Traverse, Class of '64, and his wife Marcie were on hand to congratulate their daughter Susan (center), who was a member of the graduating class.

### LIST OF GRADUATES AT CONVOCATION ON MAY 7TH, 1993

#### BACHELOR OF SCIENCE IN AGRICULTURE DEGREES

##### AGRI BIOLOGY: ENVIRONMENTAL BIOLOGY

Karen Juanita Andrew, Truro, NS  
Joanne Margaret Coleman, Corner Brook, Nfld  
Coleen Mary Dunn, Clarke's Beach, Nfld  
Traci Lee Gowan, Halifax, NS  
John Andrew Linfield, Deer Lake, Nfld  
William David Muirhead, Antigonish, NS

##### AGRI BIOLOGY: PLANT PROTECTION

Jennifer Mary Picketts - High Honours, Kensington, PEI

##### AGRICULTURAL CHEMISTRY

Darria Ann Langill, Truro, NS  
Joann Karen Whalen - Honours, Rothesay, NB

##### AGRICULTURAL ECONOMICS

Ahmed Hassan Ali - High Honours, Nairobi, Kenya  
Daniel Murray Armstrong, Truro, NS  
Jeffery Cornelius DeHaan - High Honours, Cornwall, PEI

##### AGRI BIOLOGY: PLANT PROTECTION

Brian John Doiron, Canso, NS  
Arlene Kathryn Ellis - High Honours, Canning, NS  
Lorraine Kebareng Kefositse, Mahalpye, Botswana  
Jane Rachel MacLaurin, Miscouche, PEI  
Ross Harold Shaw, Hartland, NB  
Aaron Carl Swaeney, Yarmouth, NS

##### AGRICULTURAL MECHANIZATION

Paul David Arnfast, Truro, NS  
Hugh Cassidy Gillis, St. Fintan's, Nfld  
Raymond William Meagher, Truro, NS

##### ANIMAL SCIENCE

Heather Lynn Ayles, Moncton, NB  
Wade Frank Brockway - Honours, Dartmouth, NS  
Holland Lorne Cahill - Honours, Tignish, PEI  
Tara Bethany Chase, Fredericton, NB  
Holly Ann Chetwynd, Kemptville, NS  
Dawn Marie Daling - Honours, Scotsburn, NS  
Thomas Roy Etheridge, West River, NS  
Serge Joseph Gaudet - High Honours, St. Joseph, NB  
Philip Eric Hemphill, Debec, NB  
David Alexander Hopkins, Port Williams, NS  
Donna Darlene Hurlburt, Granville Ferry, NS  
Patricia Gail Johnson, Bedford, NS  
Kimberly Ann Keeping - High Honours, N. Sydney, NS  
Jane Leeanne Kilpatrick, Hampton, NB  
Andrew Jamieson MacLeod, Fredericton, NB  
Juana Marie MacLeod, Sydney, NS  
Sara Lynn MacQueen, Sydney, NS  
Nancy Elizabeth Murray - High Honours, Moncton, NB  
Michelle Rose Peddle, Burgeo, Nfld  
Andrea Jean Rose, St. John's, Nfld  
Ruth B. Summers, Boutilier's Point, NS  
Robyn Lynn Tiedt, Mount Uniacke, NS  
Gailene Ann Tobin, Placentia Bay, Nfld  
Sally Margaret Walker, Sussex, NB  
Michele Lee White - High Honours, Fairvale, NB

##### PLANT SCIENCE

Murray Raymond DeMan, Elmsdale, NS  
Margaret Isabel Drake - High Honours, Charlottetown, PEI

Timothy Charles Fisher, Brookfield, NS  
Mark Daniel MacPherson, Heatherton, Nfld  
Jocelyn V. Mendez - Honours, Wolfville, NS  
Daniel James Murphy, North Wiltshire, PEI  
Gloria Ann Thyssen, Bras d'Or, NS  
Susan Caroline Traverse, Torbay, Nfld  
Melanie Joy Warren, Alberton, PEI  
Myles Alexander S. Whitaker - Honours, Portugal Cove, Nfld

##### SOIL SCIENCE

James Kenelm Eaton, Great Village, NS

##### ENGINEERING DEGREE - DIPLOMA

Ian Atkinson Gilroy, Springhill, NS  
Roy Scott Taylor - High Honours, Halifax, NS

##### ENGINEERING DEGREE - DIPLOMA

Karl Douglas Caldwell - Honours, Stewiacke, NS  
Robert Timothy Hanson George, Brookfield, NS  
Fleming Dralio Lulu, Truro, NS  
Alban George Mndala, Lilongwe, Malawi  
Troy Alexander Parker - High Honours, Brookfield, NS  
Mohamed Amar Safadi, Syria  
Kriss William Sarson, Truro, NS  
David Wayne Walker, Dorval, Que

##### TECHNICIAN DIPLOMA

##### AGRICULTURAL BUSINESS

Gregory Dean Bond, Upper Rawdon, NS  
Gordon Gowin Brookhouse, Truro, NS  
Laura Ann Eisses, Truro, NS  
Lori Jean Height, Lawrencetown, NS  
Michelle Leigh Hornbrook, Sussex, NB  
Craig Douglas McMaster, Bathurst, NB  
Steven George Murley, Stellarton, NS  
Carrie Lynn Christine Petrie, Truro, NS  
Lucia Mabolaoana Phakisi - Honours, Maseru, Lesotho  
Jason John Webster, Kinkora, PEI

##### AGRICULTURAL ENGINEERING

Derick Frederick Canning, Upper Stewiacke, NS  
Stephen John Creelman, Truro, NS  
Jason Hugh Smith, Sackville, NB  
Jacques Williams, St. Antoine, NB

##### ANIMAL SCIENCE

Rose Marie Comeau, Bouctouche, NB  
Lori Diane Doucette, Tignish, PEI  
Mark Alfred Dymont, Tyne Valley, PEI  
Janis Elizabeth Fraser, Antigonish, NS  
Mark Alexander Higgins, Quispamsis, NB  
Shawn Gordon Arthur Maxwell, Kentville, NS  
Georgina Dawn McKenzie, Amherst, NS  
Michael Gerard Sicheri, River Hebert, NS  
Timothy John Thomsen, Bridgeville, NS  
Nick John van Vulpen, Nappan, NS  
Timalee Dawn Walker, Moncton, NB

##### FARM EQUIPMENT

Rodi Alfred Adams, Chatham, NB

##### PLANT SCIENCE

David Adrien Boudreau, Upper Rawdon, NS  
Belinda Mae Culgin, Belmont, NS  
Joel Edward Jarvis, Enfield, NS  
David Joseph Lahey - High Honours, Truro, NS

Philip Edward LaPointe, Truro, NS  
Mary Ann Lowe - High Honours, Aylesford, NS  
Jody Robert Angus Rafuse Moncton, NB  
Darren Mark Rietzel, Moncton, NB  
Andrew Philip Streach, Elderbank, NS

##### DIPLOMAS OF TECHNOLOGY

##### AGRICULTURAL TECHNOLOGY

Jason William Bouma, Robertville, NB  
Susan Lynn Crowe - Honours, Sussex, NB  
Donna Jane Murphy - Honours, Truro, NS  
Kevin Ernest Nauss - High Honours, Moncton, NB  
Rayona M. Stull - Honours, Truro, NS  
Ian William Sweet, Centreville, NS  
Alison Susie White, Port Blandford, Nfld

##### ANIMAL HEALTH TECHNOLOGY

Crista Carol Bonnyman - Honours, Truro, NS  
Heather Caseley-Termeer - High Honours, Debert, NS  
Catharina Regina Maria Duivenvoorden, Sussex, NB  
Victoria Jane Eddy, Bathurst, NB  
Marla Joy Fulton, Brookfield, NS  
Karen LeAnne Goddard, Saint John, NB  
Crystal Dawn Hunt, Windsor, NS  
Christopher William Peebles, Stellarton, NS  
Crystal Elizabeth Sabeau, Paradise, NS  
Shelley Anne Wade, Ottawa, ON  
Kimberley Ann Walker, Summerside, PEI  
Jennifer M. White, Arcadia, NS

##### BIOLOGY TECHNOLOGY

Sharon Marie Andrew, Truro, NS  
Samantha Beth Bishop, Bridgetown, NS  
Karen Ann Vivian Henley - Honours, Truro, NS  
Nancy Dawn Kolstee, Brookfield, NS  
Scott Alexander Murphy, Canso, NS  
Lisa Hope Wilkinson, Eureka, NS

##### CHEMISTRY LABORATORY TECHNOLOGY

Darlene Patricia Andrews, Bolyston, NS  
Tiny Muizelaar - Honours, Shubenacadie, NS

##### FARMING TECHNOLOGY

Andrew Dale Urquhart, Hampton, NB

##### FOOD LABORATORY TECHNOLOGY

Elizabeth Dawn MacKenzie, Truro, NS  
Cecile Elisabeth Stewart, Milford Station, NS

##### LANDSCAPE HORTICULTURE TECHNOLOGY

Bradley Gerald Cameron, Trenton, NS  
Coralee Finney, Sydney Mines, NS  
Rosalie May Folkins - Honours, Apahaqui, NB  
Linda Louise Hyland - High Honours, Musquodoboit Harbour, NS  
Gerald Robert MacInnis, North Sydney, NS  
Mark William MacKinnon, Sydney, NS  
Paul William MacPhee, Truro, NS  
James Peter Sawler, Mabou, NS  
Kimberly Allison Shand - Honours, Truro, NS  
John Edward Lewis Vandermeulen - High Honours, Enfield, NS

##### HONOURARY DEGREES

Donald Laird Craig, B.Sc.(Agr.), M.Sc., Ph.D.  
Donald Alcoe Young, B.Sc.(Agr.), M.Sc., Ph.D.

### CONVOCATION

#### MEDALS AND PRIZES

##### Governor-General's Medals:

Degree: Arlene Kathryn Ellis  
Canning, N.S.

Technical: David Joseph Lahey  
Truro, N.S.

##### Atlantic Provinces Swine Producers' Award:

Degree: Holly Ann Chetwynd  
Kemptville, N.S.

Technical: Timothy John Thomsen  
Bridgeville, N.S.

##### Ketchum Manufacturing Co. Ltd. Prize:

Michele Lee White, Fairvale, N.B.

##### K. DeGeus Memorial Prize For Plant Science:

David Joseph Lahey, Truro, N.S.



Piper George Macintosh (Class of '92) was on hand to lead the academic procession from Jenkins Hall to the Athletic Centre. Faculty member Stuart Smith, was the parade marshal.



## CHARLES M. COLLINS - CLASS OF '20

Charles M. Collins was born on July 12, 1897 in Port Williams, N.S. Following high school in Wolfville, he studied at N.S.A.C. and received his diploma in 1920. He graduated with a Bachelor of Science in Agriculture from McGill University in 1922, and completed his graduate program at the Ontario Agricultural College and received his M.S.A. (Agr. Econ.) from the University of Toronto in 1933.

His work experience included farming, fruit and vegetable wholesaling (in Boston), agricultural extension work and agricultural education. He was appointed Provincial Horticulturist and Professor of Horticulture at N.S.A.C. from 1937 to 1962. He was also the Director of the Horticulture and Biology Services Branch of the N.S. Department of Agriculture from 1946 to 1962.

The development of the apple, berry crops, and nursery industries are filled with examples of his influence. He was keen to integrate extension services with the research work and the location of several provincial specialists at the Canada Department of Agriculture Experimental Farm in Kentville was a first in Canada for such joint cooperative work.

Mr. Collins published numerous technical, extension and popular articles in the field of Horticulture. He also designed the layout for the N.S.A.C. campus as it expanded in the 1950's. He received numerous awards from industry and professional groups. In 1975, N.S.A.C. honored him by naming the Collins Horticulture Building.

Charles Collins died on May 24, 1993 (95 years of age) and is survived by a son

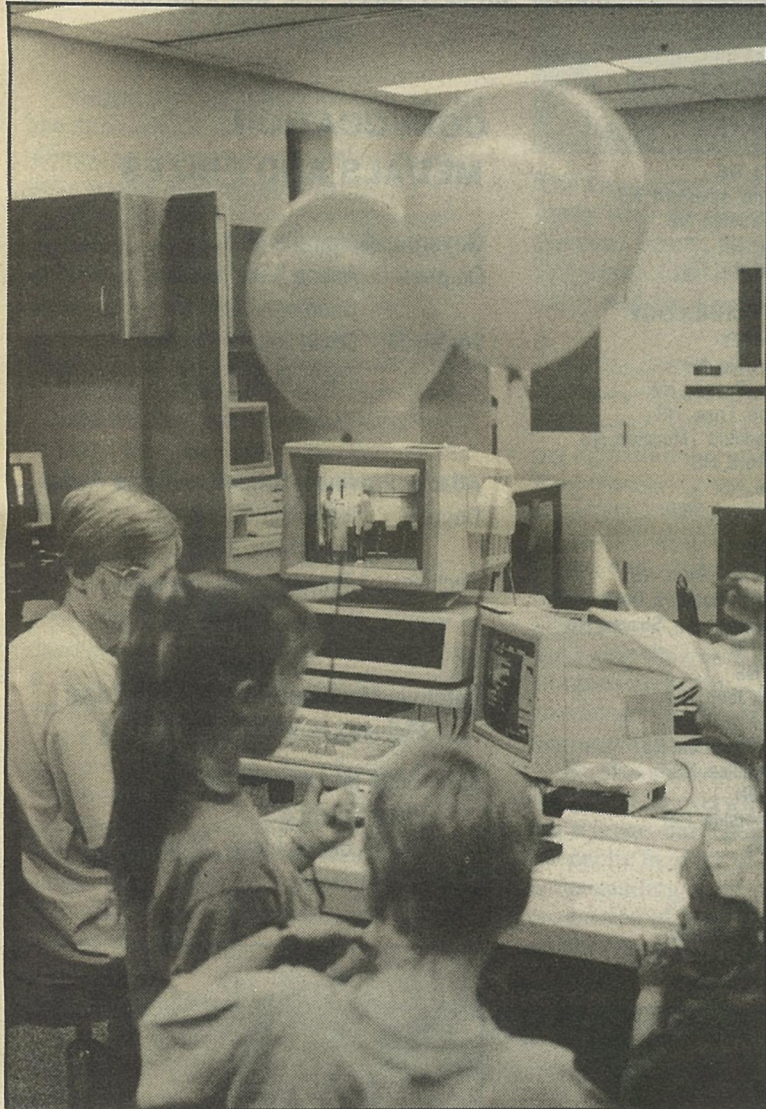
William B., Halifax; two daughters, Sally A., at home; Judith E., Nairobi, Kenya; a granddaughter, a great-granddaughter, several nieces and nephews.

He is remembered with deep respect by a large section of the agricultural industry. Gordon Kinsman noted that "those who have worked for him have always been impressed with his sincerity of purpose, for his capable and dedicated service to Horticulture, and as an administrator, extension specialist, teacher, for his distinctive leadership as a Department Head, and for his unselfish support of horticulture throughout the province."

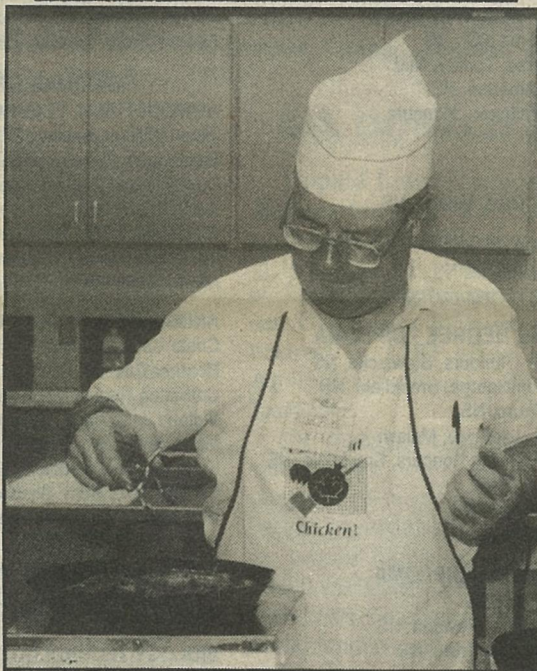
## AVC GRADUATES

1993 graduates from the Atlantic Veterinary College, University of Prince Edward Island included the following former Nova Scotia Agricultural College students:

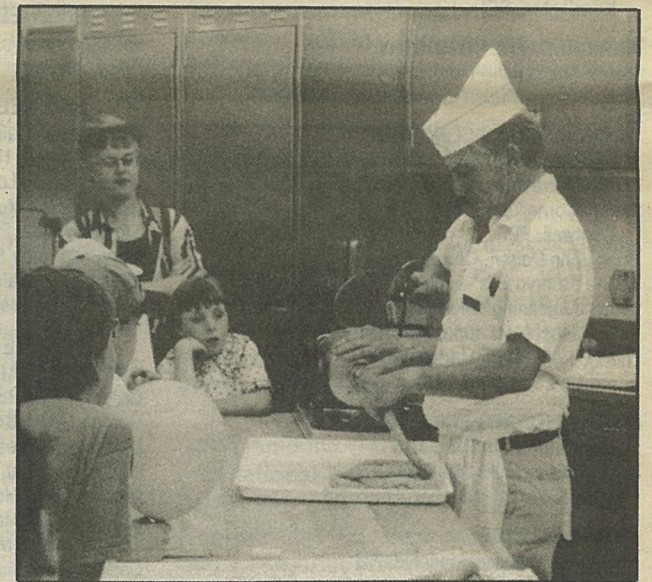
Kimberley Babineau  
Wayne Canfield  
John Dykstra  
Gail Gibbons  
Peter Lawson  
Joanne Rafuse  
Jennifer Vander Kooi  
Lula Vihos  
Mark Wallace  
Peter Walsh  
Michelle Willis



### From Open House 1992



A lot of interest was shown in the interactive computer displays found in four of the College departments. Many visitors also enjoyed food sampling and sausage making demonstrations in Animal Science and the afternoon tea in Alumni Gardens.



## MCINTYRE COLLECTION DISPLAYED FOR OPEN HOUSE

On display in the MacRae Library during Open House will be an exhibition of papers, photographs and artifacts selected from a collection devoted to J.E. McIntyre (1894-1988), which has recently been acquired by the Agricola Archives.

Jack McIntyre (as he was known to his many friends, business colleagues, customers and clients) is probably most widely remembered now as Secretary/Treasurer of the Maritime Fertilizer Council between 1934 and 1962. He also served as Secretary/Treasurer of the Maritime Food Producers between 1962 and 1975. But those two positions were only among the latest in what was a most varied and exciting life. Jack McIntyre was born in Campbellton, New Brunswick, educated at

Sainte Anne de la Pocatiere, Quebec and at the Agricultural College in Guelph and the University of Toronto. He served as an Agricultural Representative for the N.B. Department of Agriculture between 1919-1929. He was Maritime Representative for the Potash Company of Canada from 1928 to 1939. He worked for Canadian National Railways between 1941 to 1961 as an Agricultural Representative settling immigrants and supervising livestock shipping. Between 1944 and 1966 he also lectured at the St. Joseph Agricultural school in New Brunswick.

The McIntyre collection, or "Fonds" (to use archival language), was donated by Jack McIntyre's daughter, Patricia Kluepfel. The Fonds covers about thirty feet of

library shelving. A substantial financial gift made by Mrs. Kluepfel and her husband, Neil, has made it possible to hire a professionally-trained archivist, Ms. Gillian Bond of Halifax, to catalogue, preserve and present the Open House display. The McIntyre Fonds has become the MacRae Library's first major collection of original papers, letters, documents and objects to be so handled, and the library staff and the College community regard this handling as a major, scholarly event and a most hopeful premonition of the future significance of the archival collections in any historical account of Maritime agriculture.

The McIntyre Fonds will be officially opened for public access at the Library

Breakfast held at 8:30 a.m., Saturday, July 31. Neil and Pat Kluepfel will be present, together with others in Jack McIntyre's family. Members of the family will speak about him and share their memories. They are hoping to meet some of his friends and acquaintances. The occasion will be one where both an extraordinary man and where the dignity of the agricultural professions in the Maritimes can be celebrated.

### Reuse and Recycle



The Clean Nova Scotia Foundation



# TWENTY YEARS OF ACADEMIC EXCELLENCE AT UNIVERSITI PERTANIAN MALAYSIA (U.P.M.)

By Velma Noble, P.Ag. (Class of '81)

In April 1993, the Universiti Pertanian Malaysia (U.P.M.), other wise known as the University of Agriculture, celebrates its twentieth calendar year of student graduates. An estimated quarter of a million "aggies" will have passed through U.P.M.'s doors, many of whom are expected to return to the 3,000 acre campus located in Serdang for the anniversary celebrations. On October 4, 1971 the U.P.M. was officially established via the merger between the College of Agriculture and the Faculty of Agriculture, University of Malaysia. Three foundation faculties were organized, including Faculty of Agriculture, Faculty of Forestry, and Faculty of Veterinary Medicine and Animal Science. Faced with the ever-increasing need for academic diversification, seven additional faculties can be found today at U.P.M., ranging from Faculty of Fisheries and Marine Science to Faculty of Science and Environmental Studies. Environmental studies and international finance programs are currently receiving the greatest number of student applications. Private Japanese companies are playing a leading role in sponsoring a variety of environmental student projects. With a total student population of 11,168, the U.P.M. has not experienced a shortage of new applications. Male/female student ratios compare very closely at the U.P.M. with Canadian universities, running at about 45% females. However, this is a relatively new phenomenon, according to Liew Man Lin, Senior Assistant Registrar. "We have over 5,000 female students on our campus. However, we have no female professors on staff, although there is one female who is Dean of the Faculty of Human Ecology."

M. Liew also explained during the introductory tour that U.P.M. was comfortable with the fact that many Malaysians went abroad to obtain their formal studies. It was her belief that there was a shortage of space available of the existing universities for undergraduate students in Malaysia. "But we do suffer from a serious brain drain at the graduate level. Here we have only 700 enrolled in our graduate program. We would like to have many more than that. It's something that we and the Government are striving to overcome." Perhaps one of the most unique programs offered at the U.P.M. is "Share Farm", whereby first and second year degree students receive a first-hand taste of what it is like to face the risks of being a farmer in a free market situation. "Share Farm" programs for first and second year students involves a cash investment of share farm capital, cash rent for a small plot of land and two small chicken coops, basic instruction from a supervisor, and manual labour to produce the following: root and/or leafy vegetables, mature fruit, and mature chicken fryers. Students are organized into teams and share equally in the field work, the marketing and record keeping, and the profit/loss. "If they lose money - too bad," said Dr. Hj. Mahmood Jaafar, Head of Training Unit, University Farm. "Students get the basic skills and learn more in the field setting than they ever would in a classroom setting. Sometimes the students are faced with twenty hours per week of work in the field under the hot sun. But they only get credit for four hours per week...it's just like the real world of farming." As many as 600 students can be involved

in the Farm Share program at any one time on the University Farm, according to Dr. Mahmood. The 1,000 acres of cleared landbase belonging to the University Farm hosts a variety of commodity sectors: pasture land for beef and dairy herds; a poultry farm with a hatchery; fish ponds with abundant fresh water species; estate crops such as rubber, oil palm, cocoa, and coconut; a large vegetable garden; small fruit orchards; and beverage crops such as tea and coffee.

Dr. Mahmood reported that the beef program at U.P.M. largely consists of the local "KK" (Kedah Kelantan) breed, which has proven to yield a smaller boned carcass and better textured meat. He also noted that the "LID" (Local Indian Dairy) breed dominated U.P.M.'s dairy herd since most other imported breeds, such as Friesians and Jerseys, were unable to cope with either the local parasites or the high heat/humidity factor.

A Technical Research Center located at the heart of the campus provides all the research data for the entire agriculture industry in Malaysia, with the exception of rubber, palm oil and cocoa, which have their own research centers.

There is a serious shortage of veterinarians today in Malaysia. Despite there being 30-35 graduates from U.P.M.'s Faculty of Veterinary Medicine each year, the private sector has many unfilled vet positions due to the expanded role that vets play in the agricultural community. In Malaysia, it is a common practice for agri-businesses such as feed mills to hire vets to assist in herd health programs, maintain a regular farm visitation schedule, conduct quality assur-

ance testing of feeds, and oversee the mixing of balanced feed rations.

"The job market is very good at the moment for U.P.M. students with a degree in Economics. Only a very small percentage, maybe 5% aren't employed right after they finish school," commented Dr. Mohammad Yusof, as Head of the Department of Economics. "Previously we were too dependant on the Government sector for jobs. It is better now in the private sector. That is the place to be for jobs today." All students under the Faculty of Economics and Management receive practical job experience training in the work force, ranging from eight to 16 weeks.

The International Business Management Program at U.P.M. has been receiving widespread attention in recent months. Dr. Rahim Abdullah, Department of Management and Marketing, addressed this subject: "Globalization of managerial styles is a most interesting phenomenon today. Economic models are no longer accurate. Ten years ago what we studied abroad couldn't be used back here. Today it can easily be applied. Corporate business transfer from Malaysia to other countries, with such things as e.d.p. (electronic data processing) is a common occurrence now." Due to Dr. Rahim's favoured academic background in international business management, he has conducted a series of research projects on technology transfer, both into and out of Malaysia.

The future looks bright for U.P.M. It has broadened its academic base in recent years to appeal to a wider variety of students with different career interests outside of pure agriculture. One day in the foreseeable future, prospective young "aggies" from Canada may well be coming to U.P.M. to complete their studies. Already many universities across the world are engaged in twinning programs with the dozen universities located in Malaysia.



In spite of rain, several members from the Class of '93 planted their tree with Dr. Haley, near center campus. This was just prior to the Baccalaureate Service on May 6.

## MORE PERSONALS

Brian M. Crouse, Class of '75 was chosen President of the Nova Scotia Institute of Agrologists for the 1993-94 year.

Diane Lowe, former student, has been appointed 4-H Representative with the N.S. Department of Agriculture and Marketing with responsibilities for Pictou, Antigonish and Guysborough counties.

Jean Baillie, Class of '90, is working as a Market Analyst with Maitland Greenhouses, Maitland, N.S.

Wendy Faulkner, Class of '90, married Alan Stewart, Class of '91, on June 18, 1993.



Velma Noble (center) with two of her colleagues at the Universiti Pertanian Malaysia.

RECYCLE  
  
 HELP SAVE THE ENVIRONMENT



## Men's Soccer 1992-1993

The men's soccer team again this year was a mixture of returnees and rookies. Initially, the team was very optimistic about the year, but upon entering league competition we found our size and height was limited to the other teams and the Rams ended the season with a 0-8 win-loss record.

Returning players Tim Fisher, Mark Craig and Derrick Canning carried the offense for the Rams. Aaron Sweeney returned after a year's absence and made his presence and enthusiasm rub off on the rest of the team. Rookies Andrew Watson, Al MacMillan and Rob Lewis played steady ball for the blue and gold squad.

NSAC will go through another rebuilding year as only six players will be returning to the soccer pitch.

Recognized at the Athletic Awards Banquet for their abilities were:

Rookie of the Year	Andrew Watson Windsor, NS
MIP	Al MacMillan New Minas, NS
MVP	Mark Craig Albany, PEI
Coach	Ken Marchant

## NSAC Women's Soccer 1992-1993

The 1992-1993 season for women's soccer should be termed a "rebuilding year". Starting with try-outs, where a large number of girls indicated interest in the program, until the end of the season, the improvement shown was encouraging. Rookies worked hard, and the veterans provided the leadership necessary to bring the team along.

Although winless in league play, the Rams battled teams in many close games. Exhibition contests against top high school teams in the province also proved to be beneficial both for our players' experience and in the exposure of NSAC and our programs and facilities to high school student-athletes.

Awards for the Year included:

All-Conference	Heather Ayles Moncton, NB
Rookie	Cheryl Wells Stephenville, NFLD
MIP	Lori Lee Lenihan Western Shore, NS
MVP	Heather Ayles Moncton, NB
Coach	Tracy Borden

## NSAC Men's Volleyball 1992-1993

The varsity season began with a 15 player try-out in early September. Some of the freshmen proved to be quite talented and along with our returning players the team looked very competitive. Our record before the Christmas Break was 4-3. The first semester exams took their toll, with six athletes losing their eligibility to play due to academic difficulties. The first part of the second semester was spent recruiting and developing new players. The team was still competitive in the league but lacked the height and experience necessary to attain championship status.

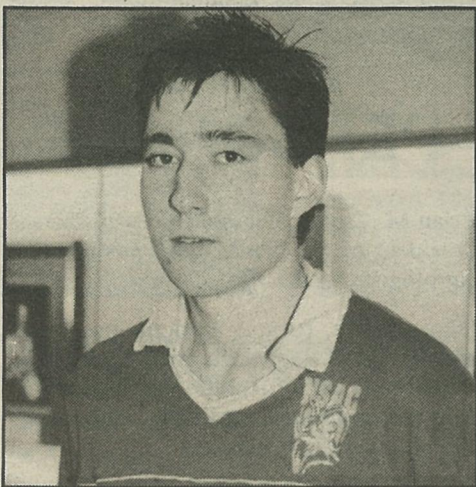
Finishing 4th in league play, first round of the play-off was against U. of King's College. Although playing quite well, the Rams lost to a bigger and more experienced squad, in a 5 game match 0-3.

A highlight of our season was a trip to Quebec city where 3 matches were played against FQSE teams in that area. The matches were well played and the experience gained will certainly show on the court next season.

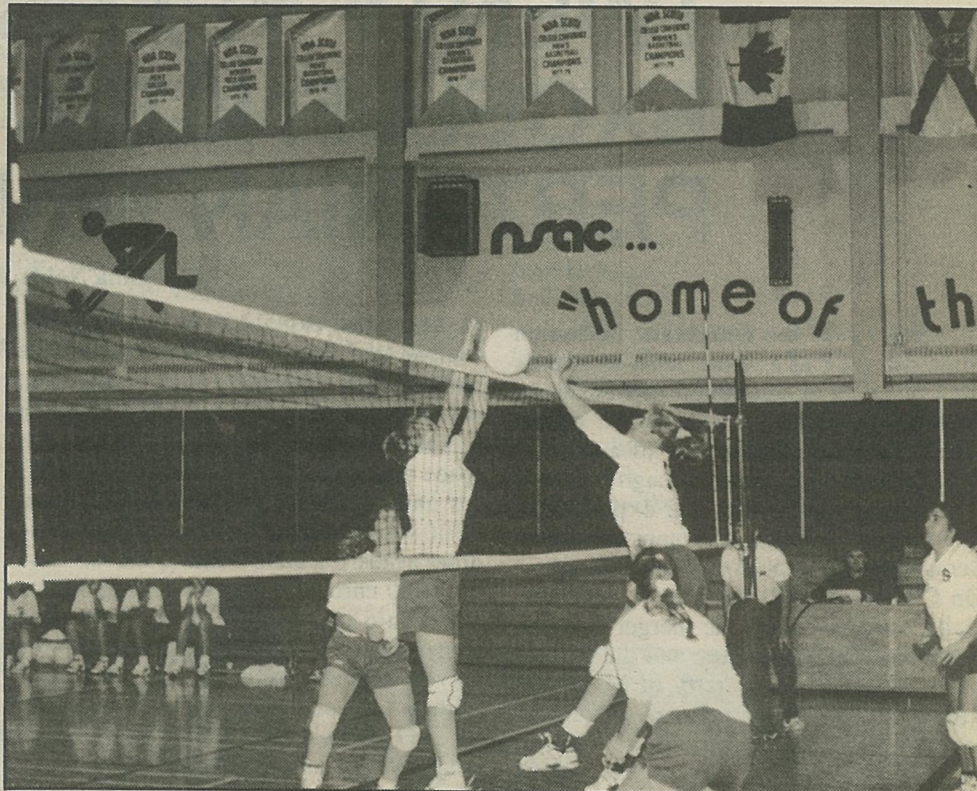
Not losing any players to graduation, the team will start the '93-94 season where they left off in March '93.

Teams Awards '92-93 include:

Rookie	Greg Allen Truro, NS
MIP	Dennis Anderson Sussex Corner, NB
MVP	Derek Degross Truro, NS
ALL-CONFERENCE ACADEMIC	Greg Allen
ALL-CANADIAN Coaches	Greg Allen Fred Fergus Steve Myette



**Academic All-Canadian**  
**Greg Allen, in the engineering program at NSAC, was the recipient of a Canadian Colleges Athletic Association Academic All-Canadian Award. In its inaugural year, the award is presented to those athletes who receive All-Conference Honors for their outstanding athletic achievement in their provincial league, and who also reach academic "honors" standings as defined by their institution. Greg was one of three Nova Scotians and twenty-two Canadian college athletes honored by the CCAA.**



Women's Volleyball action at the Langille Athletic Centre. Arda Terbeek blocks a Universite Ste. Anne player in NSCAA league play. Jennifer Picketts appears ready to assist.

## NSAC Women's Basketball 1992-1993

The women's basketball program is on the move. The '92-93 year was a good one for the program with the addition of four talented rookies. Chelsea Martin from Porter's Lake, Sandra Carman from Digby and Karla Thomas from Oxford were new first year student-athletes while Jan Kennie from Kentville was a second year student and first year player. Winning their first league game in a number of years was definitely a highlight of the season and a motivator for continued hard work and growth. Although finishing last in the league, the girls were much more competitive and had some very close contests with other members of the association. The goal for next year is to have a .500 season.

During the February Break at the College, the girls travelled by SMT (with the men's volleyball team) to Quebec City where three games were played against FQSE colleges. In the first contest St. Lawrence College-AA (Ste. Foy) edged the AC girls 45-39. The second outing was against the AAA (highest division) Ste. Foy College and the hosts won 73-26. The Ste. Foy team had excellent athletes and the experience against that level of play was good for the AC squad. The third and final game was a thriller going into overtime before the AC Rams emerged with a 48-44 win over the Titans of Limiliou (AA) - Quebec City. The 1-2 record, Old Quebec site-seeing, Ste. Anne du Beupre, skiing at Mont Ste. Anne, and a Quebec Nordiques hockey game rounded out the schedule for the week. The hospitality of the hosts (receptions after each game), and the experience of the competition and the French culture, made for a memorable week.

Leading the Rams in scoring for the year was Tammy Kelly with an average of 15 points per game.

Team awards include:

MVP	Tammy Kelly St. Lawrence, NFLD
Rookie	Sandra Carman Digby, NS
MIP	Susan Smith Shubenacadie, NS
Coach	Judy Smith

## NSAC Women's Volleyball 1992-1993

Overall it was a very good year for women's volleyball. The team was ranked 14th nationally and 2nd in the NSCAA for most of the first semester.

The second half of the year was somewhat disappointing with key athletes missing matches due to academic opportunities, and illness hitting at times when key matches were scheduled.

League play ended with the Rams in 4th spot and facing Mount Saint Vincent in the first round of play-offs. The semi-final was a great match but saw the NSAC girls come up short in a 5 game match 0-3.

Losing only one player to graduation, the Rams are looking to improve on their standing in '93-94.

Awards '92-93 include:

Rookie	Deanna Gulliver Pasadena, NFLD
MIP	Sara MacDonald Kentville, NS
MVP	Jennifer Picketts Kensington, PEI
Coach	Mike Weatherbee



## NSAC Badminton 1992-1993

The '92-93 badminton team consisted of 5 women and 8 men. In tournament play an A team and, where space permitted, a B team played and represented the institution.

Tim Fisher, Angus MacKinnon and Derek Canning were the nucleus of the team and played well during the season, finishing second or third in most events.

At provincial finals, the team finished 5th with colleges close in the 3 - 5 spots.

Men's Doubles	3rd
Mixed Doubles	3rd
Ladies Doubles	4th

Team Awards '92-93 include:

Rookie	Steve Barker Antigonish, NS
MIP	Heather Kienzle Bridgewater, NS
MVP	Tim Fisher Brookfield, NS
Coaches	Jenny Gilmore Gord Brewster

## NSAC Men's Hockey 1992-93

The Rams had a very successful season in the West Colchester Intermediate League, playing out of the Debert Arena. With a 2-1-1 record to start the year, and two player adjustments (two left to continue their academics and two became eligible to play) over the Christmas Break, the Rams continued their successes in '93. League play ended with the Rams in fourth spot with a 9-7-5 record. Semi-final play saw 1st place Londonderry take the first two games until the Rams charged back to take the next game 4-2. The fourth and ultimately deciding game was an overtime heartbreaker as the Rams gave up a 5-1 lead to lose 6-5.

Along with the league successes, the Rams played two exhibition contests - one a 4-2 loss to NSTC (College Cup) and the other a challenge game against the Intramural All-Stars. All totalled the Rams played a 27 game schedule.

Team Awards include:

Rookie	John Wood Charlottetown, PEI
MIP	Terry Miller Londonderry, NS
MVP	Scott Barkhouse Hubbards, NS
Coach	Jamie Van Wart

## Men's Basketball 1992-1993

The Rams gave pre-season indications of being strong play-off contenders, however the Rams came up against talented competition in the NSCAA and finished in fifth place with a 9-15 record, two wins short of a play-off berth.

The season began with the Islander Classic in Ste. Anne de Bellevue where the weekend finished with the Rams 0-3, and two key injuries. Rookies Andrew Wheelock and Jamie Carruthers went down early in the tournament. Both also had problems later in the season and did not play second semester.

After the completion of the first semester, the Rams sported a 3-4 record. 6'4" Brian Hobin was added in January and helped fill the gap left by the injured players.

Finishing the season with a 9-15 league and a 9-21 overall record, the Rams have returning talent and promising rookie possibilities to head into the '93-94 season.

1992-1993 Awards include:

Rookie	Chad Edison Dartmouth, NS
MIP	Chris Finley Sackville, NB
MVP	Steve Murley New Glasgow, NS
Coaches	Dean Schofield Ben Robichaud



Hockey action at the West Colchester United Arena. The NSAC Rams playing in the West Colchester Intermediate League placed fourth in league play before losing in the first round of the play-offs.



1992-1993 MVP's. Front: Tim Fisher, Badminton; Tammy Brooks, Woodsmen. Back: Steve Murley, Basketball; Scott Barkhouse, Hockey; Jennifer Picketts, Volleyball; Derek Degross, Volleyball; Mark Craig, Soccer; Myles Whitaker, Woodsmen.



The Mad Scientists  
Back: Stephanie Minshull, Walter Termeer and Lindsay MacQueen.  
Front: Michelle Sparrow.  
The NSAC Bowling League finished the season with a banquet at the Bible Hill Bowlcade where prizes were awarded in a variety of categories. Top team for the year was the Mad Scientists.

## NSAC Woodsmen 1992-1993

The woodsmen started in September with a flurry of activity to recruit new team members. With an abundance of interested student-athletes, practices were scheduled to select the 21 member group.

Over the year four Invitational Tournaments were attended:

UNB	AC	A	5th
	AC	B	13th
	AC	WOMEN	3rd
SSFC	AC	A	10th
	AC	B	14th
	AC	WOMEN	3rd
MAC	AC	A	7th
	AC	B	8th
	AC	WOMEN	2nd
NSAC	AC	A	4th
	AC	B	6th
	AC	WOMEN	2nd

As with the volleyball team, the woodsmen suffered academic hardship at Christmas and replaced six athletes before the second semester began.

Fund-raising was again a success, and assisted the overall woodsmen budget.

Team Awards include:

Rookie	Neil Trebble Cambridge, NB
MIP	Robyn Page Digby, NS
	Mark Dymont Tyne Valley, PEI
MVP	Tammy Brooks Saint John, NB
	Myles Whitaker Portugal Cove, NFLD
Coaches	Rick Russell Grant MacKenzie





## FROM THE DEBERT ERA

When the College was at Camp Debert, drawings relating to District Hockey League games were frequently displayed in the residence. Merwin Kenneth Corbett, a Truro, N.S. native, who later became Dr. Merwin Kenneth Corbett, University of Florida and University of Maryland, is credited with making these drawings.

Hockey player #12 on the Lower Truro team was sometimes called "Dirty Curtis". The Aggie players had a special interest in him as he resembled a new faculty member "Stan Curtis" from whom they received Animal Science instruction. In the drawing below the Aggies lost 9-3 to Lower Truro. Coach Win Langille followed the team back to residence and Dr. Roland had many questions about the event.



## COLCHESTER ALUMNI PROJECT

attract new business includes the development of a biotechnology brochure with Nova Scotia Agricultural College and the hiring of a Promotions Officer.

We need your help to meet our mandate of encouraging economic development in Colchester County. Although you are not living here, you could have an impact on future economic development in the area by contacting us...if you become aware that your employer is thinking of relocating or outsourcing some of its production...if you are looking for a viable investment project...if you are thinking of starting a new business...if you are looking for a serviced retirement home near family and friends. We will be happy -- now and in the future -- to supply you or your employer with up-to-date demographic information on Colchester's workforce, land values, productivity, etc. outlining the benefits of living, working and investing in the area.

If you wish to move back to Colchester, please inform us. Your skills may be the ones that potential employers cannot find locally -- help us prove that Colchester has skilled people available to meet their every need.

For those of you who are interested in assisting Colchester's economic development, we are establishing a "Colchester Alumni List". We will use this database to communicate with you. Please write or telephone us with the following information: name, address, telephone number, education, job experience and present employer. We are waiting to hear from you!

**Colchester Regional Development Agency**  
 922 Prince Street, P.O. Box 18  
 Truro, Nova Scotia, Canada B2N 5C1  
 Tel: 902-893-0140  
 Fax: 902-897-1157

**CORDA** Representing the Towns of Truro and Stewiacke and the Municipality of County of Colchester

My support of Projects in 1993 will be as follows:

1. Campus Enrichment Fund (as needed) \_\_\_\_\_
2. A number of specific funds have been established:
  - Ralph Armstrong Memorial . . . . . \_\_\_\_\_
  - A.B. Banks Memorial . . . . . \_\_\_\_\_
  - Don Clark Memorial . . . . . \_\_\_\_\_
  - George & Lottie Cook Memorial . . . . . \_\_\_\_\_
  - Hank DeBoer Memorial . . . . . \_\_\_\_\_
  - Noel Enman Memorial . . . . . \_\_\_\_\_
  - Brian Kelly Memorial . . . . . \_\_\_\_\_
  - H.A.L. McLaughlin Memorial . . . . . \_\_\_\_\_
  - Edith Main Memorial . . . . . \_\_\_\_\_
  - Wendell Matthew Memorial . . . . . \_\_\_\_\_
  - Angus & Tina MacLellan Memorial . . . . . \_\_\_\_\_
  - Ian Neil Memorial . . . . . \_\_\_\_\_
  - A.C. Neish Memorial . . . . . \_\_\_\_\_
  - Steven Smiley Memorial . . . . . \_\_\_\_\_
  - Roy Stevenson Memorial . . . . . \_\_\_\_\_
  - John Thomson Memorial . . . . . \_\_\_\_\_
  - F.W. Walsh Memorial . . . . . \_\_\_\_\_
  - Woodsmen Memorial . . . . . \_\_\_\_\_
3. Other funds established for scholarships and special programs:
  - Library Trust Fund . . . . . \_\_\_\_\_
  - Vice-Principal's Scholarship Fund . . . . . \_\_\_\_\_
  - Class of '44 Lectureship Fund . . . . . \_\_\_\_\_
  - Atlantic Farm Mechanization Scholarship Fund . . . . . \_\_\_\_\_
  - Atlantic Land Improvement Contractors Association . . . . . \_\_\_\_\_
  - General Scholarship Fund . . . . . \_\_\_\_\_
  - Hillbreeze Acres Scholarship . . . . . \_\_\_\_\_
  - A.E. Roland Herbarium Fund . . . . . \_\_\_\_\_
  - C.A. Douglas Fund . . . . . \_\_\_\_\_
  - W.H. Brittain Fund . . . . . \_\_\_\_\_

My total gift: \_\_\_\_\_

Make cheque payable to: N.S.A.C. Campus Enrichment Fund

**Membership Fees:**

- Annual Membership (\$15.00) . . . . . \_\_\_\_\_
- Life Membership (\$75.00) . . . . . \_\_\_\_\_

Make cheque payable to N.S.A.C. Alumni Association.

Mail to: **Treasurer**  
**N.S.A.C. Alumni Association**  
**P.O. Box 550, Truro**  
**Nova Scotia B2N 5E3**