AGRICOLA NEWS

For the Alumni and Friends of the Nova Scotia Agricultural College

Volume 30, Number 1, Winter 2006

Looking Outward - Embracing Change

Toward the NEXT 100 YEARS

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Nova Scotia Agricultural College

Photo - Nova Scotia Department of Agriculture and Fisheries"

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Cover Story 8

Looking Outward - Embracing Change

Toward the Next 100 Years

Securing a place for NSAC in the 21st century

In 2002, NSAC approved a strategic plan for the university entitled Looking Outward - Embracing Change. This five-year strategic plan identifies ten goals and recommends a number of strategies to guide NSAC in the pursuit of these goals.

Highlights

Exciting New Programs Lead the Lineup 13

There has been some changes and additions made to the vast array of programs offered to our science students at NSAC including a new Bachelor of Applied Science, a Diploma in Enterprise Management and changes to our Veterinary Technology program (formerly known as Animal Heath Technician.)

A New Marketing Campaign is Launched 14

NSAC launched an aggressive marketing and recruitment campaign in October of this year and early indicators show the campaign is working well with prospective students.

Hall of Fame Inducts Four New Members 19

Departments

Front cover:

NSAC students epitomize everything that is special about the university - they are passionate, dedicated and the best of the best that NSAC has to offer.

A Message from the Editor

Stephanie Rogers

"What the New Year will bring depends a great deal on what we bring to the New Year." - *Unknown*

I thought this quote very fitting as we, as a university, wrap up our centennial celebrations and prepare to move into 2006. A new year always brings with it, hope and optimism for new beginnings - a time to look forward to all that is possible within each of us. And the Nova Scotia Agricultural College is no exception.

What does the future hold for the NSAC? That is exactly the question we attempt to address in this first issue of our second century.

We have certainly enjoyed, and we hope you have to, looking back during the past two centennial issues of the Agricola News, learning from our past and honouring our unique history.

It is now time to look forward.

Where will NSAC be in the next 15- 20 years? What will it look like? Dr. Philip Hicks, our first president, outlines his vision for the university in our cover article entitled "Securing a place for NSAC in the 21rst century." Building on our strategic plan, further developing our strengths and maintaining close ties with industry remain key components to our continued success. Please take a moment to read this thought- provoking article and let us know what you think. As always, we welcome your comments.

NSAC continues to conduct research that impacts the lives of everyday Canadians and NSAC students continue to be taught in the classrooms by those who are creating the knowledge. Research Infosource Inc. recently released its Canada's Top 50 Research Universities List and the NSAC ranks #1 in research-intensity among primarily undergraduate universities in Canada for the year 2004.

This is impressive! So is the work being conducted by NSAC professor Glen Sampson who is finding ways to turn nature back on itself, limiting the use of pesticides in our communities. *(Weed Control)*

The Atlantic Canadian Centre for Poultry Research, a $10 million centre slated to open in 2007, will provide teaching and research capabilities in all phases of poultry production from hatching to value-added product processing. *(New Poultry Facility slated for NSAC)*

Dr. Derek Lynch was recently named a Canada Research Chair in Organic Agriculture. The university will receive $500,000 over the next five years to support Dr. Lynch and his research which will involve the development of innovative crop and soil management practices to address the challenges to the sustained growth of organic agriculture in Canada. *(NSAC recipient of Canada Research Chair in Organic Agriculture)*

And who is the typical NSAC student being taught by these amazing researchers? Who will be the leaders of tomorrow? Check out several student profiles in the Around & About section. As you will see, NSAC students are passionate about science and passionate about making a difference. An aggressive new marketing campaign launched this past October targets just such a group. *(NSAC launches new Marketing Campaign.)*

We have also added some new programs to our fall lineup. Read about our new Bachelor of Applied Science, the Diploma in Enterprise Management and our Veterinary Technology program (formerly known as the Animal Heath Technician.) For access a complete list of all the NSAC programs, please visit nsac.ca/prospectivestudents/programs/

As you can see, exciting things are happening here at NSAC and by all accounts, it promises to be a very good year.

I wish nothing but the best for all our alumni in 2006 and look forward to our continued connection through the NSAC Agricola News.

Stephanie

Stephanie Rogers

Letters

Please send us your comments on this issue of Agricola News in a letter to the Editor. We received the following letters from Mike Langman in response to our Winter 2005 issue We look forward to hearing from you.

I just want to take a minute and express my gratitude in regards to what you do to keep all of us informed on what is going on at NSAC and with fellow alumni. I admire your commitment and energy in this regard. Keep up the great work . You are doing great things! My hat is off to you.

Stephen R Spinney, Class of '86
Director of Environmental Affairs
Acadian Seaplants Limited.

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A Message from the President

NSAC currently ranks #1 in research intensity among all of the other 16 Atlantic Canadian universities.

It is my privilege to extend to you my greetings for the happiest of New Years. The year 2006 represents the beginning of NSAC's second century; many exciting possiblities and opportunities lie ahead for us.

I am especially pleased to have had the opportunity to share my thoughts and vision for NSAC's future with you in this edition's cover article, entitled Toward the Next 100 years - Securing a place for NSAC in the 21st century. Because of this, I will keep my remarks here to a minimum and highlight just a few special accomplishments.

We recently became aware that the NSAC currently ranks #1 in research intensity among all of the other 16 Atlantic Canadian universities according to results recently released by Research Infosource Inc. in its Canada's Top 50 Research Universities List.

For a university the size of NSAC, this is an extremely impressive statistic. NSAC strives to conduct research that impacts the lives of everyday Canadians and our small size means NSAC students gain by being taught in the classrooms by those who are actually creating the knowledge.

The result for NSAC also represents a 45 per cent increase in research intensity over the previous year. This number translates into a whopping $103,700 in competitively-obtained research funding per faculty member.

Another impressive statistic to note is because of the generosity of industry, private donors and our alumni, we were able to present more than $1,000,000 in scholarships and bursaries to 265 deserving students this past October. This is one of the best scholarship-to-student ratios of any university in the region.

This is truly an exciting time for our university. As we continue to celebrate our centennial, we look forward to our continued growth and evolution towards being the best in applied-science education. The students we honoured with scholarships and special awards last fall epitomize everything that is special about our university - they are passionate, dedicated and the best of the best that NSAC has to offer.

Another recent highlight has been the appointment of Robert G. Zed, Chairman of the Zed Group as Chair of the NSAC Regional Advisory Board for a three-year term effective December 1, 2005: a position formerly held by Mr. John Bragg. Robert's past achievements highlight a successful career spanning the service, healthcare and hospitality industries. He served in various senior healthcare leadership positions at many Maritime hospitals before establishing his company, Crothall Services Canada, which was named one of Atlantic Canada's fastest growing firms in 1999 by Atlantic Progress Magazine. NSAC is very fortunate to have the advice and guidance of such a prominent and successful businessman at the helm of our Advisory Board.

As you can see, the year 2006 promises to be a great one for our university and I look forward to working with you, our alumni, to help move NSAC into the 21st century.

Philip Hicks
President

Around & About...

Grant MacMillan, Class of '02 An NSAC Success Story

Grant is re-adapting to the coastal Canadian climate. Only this time, it's on the opposite side of the continent from his NSAC alma mater.

Grant, a Research Agronomist, has recently accepted a transfer to Abbotsford in BC's Fraser Valley with his employer, ICMS (Integrated Crop Management Services Inc.) The Fraser Valley is a unique agricultural region in Canada. Some 6500 farms occupy the 90,000 ha of farmland stretching between Vancouver and Hope. Although dairy, poultry and egg production dominate the industry, there is an intensive greenhouse, berry and vegetable production sector. The diversity of the region's crops and production practices will enable to Grant to put to use education and work experience he gained while at NSAC, and to further expand his knowledge of Canadian agriculture.

Grant demonstrates a new method of preparing canola for harvest called lodging. Grant made this piece of equipment during the first season he was employed with ICMS.

Previous practice was to hand lodge the plots which took 2.5 mins per plot and was very labour intensive. This lodger takes 4 secs/plot. The equipment is now in use in other provinces.

Grant's experiences on his parent's cow-calf farm near Alberton PEI provided him with many basic agricultural skills and concepts, and pointed him towards the Agriculture Degree program at the Nova Scotia Agricultural College in Truro. After his graduation in 2002, he was hired to work in the Weeds Lab at NSAC under the supervision of Glen Sampson and Kevin Patterson. It was an AAFC Career Focus grant that provided the funds for the position. The Career Focus program funds employment of recent graduates in term work positions that will provide needed experience that will assist them in gaining

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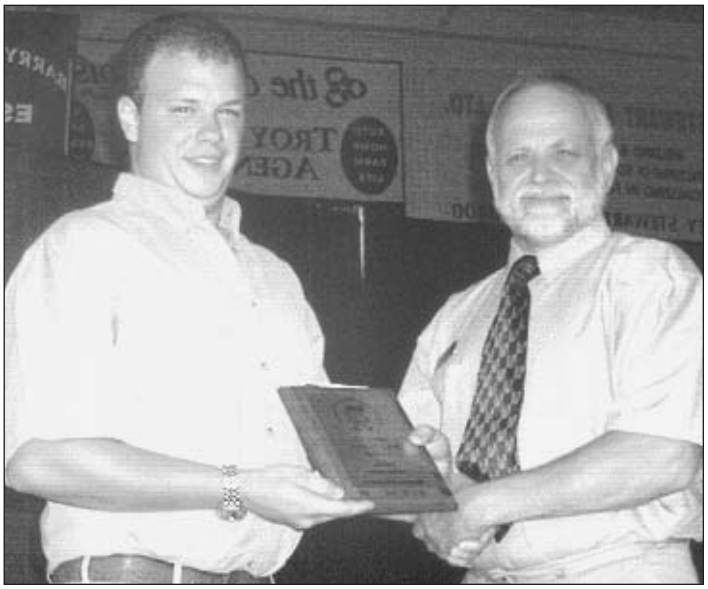
Morgan Smallman, Class of '08 NSAC Student Named Potato Ambassador



Morgan Smallman was cited as a "truly excellent representative "for the Island when he was named the 2005 Potato Ambassador during the Farmer's banquet and awards night in O'Leary July 23.

Smallman attends NSAC and has worked at the O'Leary Farmer Co-op as a hardware/general merchandise/farm supply sales clerk. He also worked as a forage crop insurance agent and is a member of the Future Farmer's program. Judges noted Smallman works on his family farm in Knutsford and has taken part in numerous extracurricular and volunteer activities. He also contributes to his community through music and his great, friendly and outgoing personality.

Ron Pringle (left) representing Central Credit union in O'Leary, congratulates Morgan Smallman 2005 PEI Potato Ambassador. Smallman has experience in the potato industry, working on the family farm and as a student at NSAC. He is a forage crop insurance agent in O'Leary and is a member of the future farmers program.

Eric Ritchie, Class of '89

Eric Rtichie Receives Nuffield Scholarship

Eric Ritchie of Greenfield New Brunswick receives the 2005 Nuffield Agricultural Scholarship Award for Canada from Nuffield Canada director Joe Linnell of Summerberry, Sask. on behalf of sponsors Alfred Smith of Summerberry Saskatchewan and Kings Mutual Insurance Company of Berwick, NS.

Nuffield Canada is pleased to announce the recipient of its 2005 Agricultural Scholarship Award, Eric Ritchie P.Ag. of Greenfield New Brunswick. Ritchie will be spending extensive time abroad looking at energy conservation and alternative energy sources for the greenhouse industry.

He will begin travel with other international scholars studying agricultural production and policies throughout Europe and exchanging perspectives on global agriculture. As part of the scholarship, his independent research will concentrate on energy management in a closed production system. He will also be looking at the use of biofuels, and biomass sources grown as rotation crops for potatoes, to replace traditional fossil fuels

.

Ritchie is employed as an Extension Agronomist with McCain Foods (Canada) at their Florenceville factory. He is a graduate of the Nova Scotia Agricultural College and a Past President of the New Brunswick Institute of Agrologists.

For more information about the Nuffield Agricultural Scholarship program visit: www.nuffield.ca

Steve Reeves, Class of '97 and Jessica Francis

2005 Outstanding Young Farmers

Steve Reeves, Class of 1997 and his wife Jessica Francis, a PEI farm couple were named Canada's outstanding young farmers at the 26th National Outstanding Young Farmers conference held in Halifax November 16th - 20th, 2005.

"We are honoured to have won." say Reeves and Francis, "It has been an exciting journey and has made us even more passionate and committed to farming. Meeting other young farmers from across the country and learning from their experiences has been invaluable."

This is the third time in three years that a farm couple from Atlantic Canada has won the title. In the event's 26 year history, farmers from Atlantic Canada have won 14 national titles, more than any other region.

Byron Beeler, Class of '56 B.Sc.(Agr.), M.Sc.(Agr)

New Inductee to Canadian Agricultural Hall of Fame

Byron Beeler of Carlisle, ON, was formally inducted into the Canadian Agricultural Hall of Fame on November 6, 2005 at the Royal Agricultural Winter Fair.

Byron Beeler has accumulated a broad range of work experience in agriculture. Having begun in horticulture, he made his career through field crops, seed production and sales, pesticides and crop protection and finally animal health. He used his knowledge, energy and contacts to lead, educate and stimulate others to bring important change and improvement to industry.

Byron began his working career as a Horticultural Crop Specialist for the Ontario Ministry of Agriculture in Picton. His government service continued in Vineland and as Director of Soils and Crops for the Province of Ontario. A growing interest in seed production and breeding persuaded him to move to the private sector with Stewart Seeds. Again, his leadership talent led him to become active in the Canadian Seed Trade Association and a strong advocate of Plant Breeders Rights. His vision and leadership led to the eventual passage of that Act in 1990.

He later joined the private sector with Stewart Seeds and then Ciba-Geigy. Byron's leadership skills eventually led him to the position of President of Novartis Animal Health.

At each step of his career Byron was active and recognized for vigorous support of industry organizations as a volunteer: President of the Ontario Institute of Agrologists; committee chair in the Canadian Agricultural Chemicals Association; President of the Agricultural Winter Fair, member of the Dean's Advisory Council of OAC, OVC, and Macdonald College and even after retirement, Chair of the Equine Guelph Advisory Council.

In recognition of his induction and to honour Byron's significant contribution to agriculture on the local, provincial, national and global stages, a number of his friends, colleagues and business associates are financially supporting Byron and Katherine Beeler

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Nichole MacHattie, Class of '07

Riding for Canada

Twenty-year old Nicole MacHattie of Middleton is thrilled to have been chosen to ride for Canada at last summers Inter pacific Exchange Equestrian Competition.

Nicole was one of five Canadians chosen to represent the county at the annual riding contest which was held in Calgary between June 22 and July 12. MacHattie, who has been active in the Canadian Pony club for ten years has been riding since she was six. MacHattie is in her third year of a Bachelor of Science degree at the NSAC.

Tyler Howard, Class of '08

Taking Over

Tyler Howard, who took to farming at an early age became heavily involved in agriculture while growing up in Springfield. With the death of his father in 2002, Tyler and his two younger brothers pulled together to keep the family farm going strong.

At age 16 Tyler Howard was quickly elevated from farm boy to farmer. Tyler and his two younger brothers have all pulled up their bootstraps to keep the fourth generation family farm alive and well. The boys work together as a team overseeing everything from buying and selling cows to managing herd health. Tyler's two younger brothers are currently managing the farm while he completes his Agricultural Business degree at NSAC. His proven commitment to farming and his ability to excel in life has earned him considerable financial assistance in the two-year program He received the Garfield Weston Merit Scholarship for Colleges with a potential value in excess of $20,000. Successful candidates show promise of leadership, a strong dedication fo their field of study and a commitment to making positive contributions in their communities. Franca Gussiardi, executive director fo the Canadian Merits Scholarship Foundation, describes Tyler as a young man with a sense of leadership and a drive to succeed. "He has a passion for this work. Tyler will run the best farm around and he is going to make great contributions to his community."

That is indeed the plan.

Grant MacMillan Continued from page 4

permanent employment. Grant feels the Career Focus program helped jumpstart his career, by giving him a year of applied work experience. "The Weeds Lab introduced me to the world of research and opportunities to which I could apply my education. It introduced me to proposal writing based on industry need, something that a lot of people at my age wouldn't even have been considered being given an opportunity to do. In addition, it introduced me to experimental design and laboratory procedures to test pesticide efficacy." He says that the year spent in the Weeds Lab was invaluable to beginning his career as a Research Agronomist. He also feels employers benefit from the program as it can partially offset the training costs for new employees.

In the spring of 2003, Grant moved to Fort Saskatchewan Alberta to begin employment with ICMS Inc as a Research Agronomist. ICMS is a private agricultural and environmental research firm that conducts third party projects for various national and international clients. He looks back on this as a very positive move for his career. Grant comments "I always wanted to move to western Canada to experience prairie agriculture. ICMS allowed me to

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Reginald Gilbert, Class of '33

A Lifelong Interest in Agriculture

As a boy growing up in Gagetown, Reginald Gilbert worked hard on the 300-acre family farm. He was born on July 8, 1913. Now 92, he still has a keen mind, is interested in following the press and in keeping abreast of agricultural issues in the province and across the country.

In his lifetime, he saw train travel come to Gagetown and he saw it end with the removal of the rail lines. "The railroad came to Gagetown the year I was born. The rails are gone and there's no train now. Everyone has a car," he says. "We didn't have much time for playing," says Gilbert, remembering his childhood as the youngest of three boys.

"There was a little basketball team in the school but we never knew what it was like to take holidays. In the summer we had to crop and hay and harvest. My father died when I was 12 and there were three of us, three boys, and we ran the family farm until I was through high school in 1931."

At that time he decided to go to the Nova Scotia Agricultural College in Truro for the first two years of his bachelor of science in agriculture degree, taking the last two years at Macdonald College of McGill University in Montreal. "Jobs were very scarce then," he says about when he graduated in 1935, "and I was offered a job in New Brunswick. It was out at the Experimental Farm (in Lincoln) and I took it and stayed there a year in research (in horticulture)."

In 1974, Gilbert was honored by the faculty of the Nova Scotia Agricultural College" for his outstanding service to agricultural education and for the advancement of agriculture" and was admitted as the first honorary associate of the college from which he graduated 41 years earlier.

When an opportunity arose to go with the province in 1936, he left his federal appointment. In his new position he was the agricultural representative for Queens and Sunbury counties for two years, living in Gagetown. He moved to the same position in Westmorland and Albert counties for six years and lived in Moncton. Moving back to the Fredericton area in 1944, Gilbert took on the position of director of agricultural education, a position he held for approximately 13 years. During this time, he developed a keen interest in the importance of agricultural education for the youth of this province. Gilbert worked with the 4-H program in those early years when he was an agricultural representative with the department.

Reginald Gilbert

"A lot of those youngsters and teenagers grew up to be fine citizens and good operators," he says. "I was the liaison between New Brunswick and the Nova Scotia Agricultural College," he remembers.

In 1957, he was appointed deputy minister of agriculture and rural development, where he served with distinction until his retirement in October 1973.

In 1974, Gilbert was honored by the faculty of the Nova Scotia Agricultural College "for his outstanding service to agricultural education and for the advancement of agri-

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Career Fair 2005

Doug Dawson and Ryan Scholfield representing Cavendish Agri-Services and Irving Group discuss their company with an interested student.

Krista Vroegh representing the Nova Scotia Federation of Agriculture, discussing career possibilities with one of the many students that stopped by the NSFA's display.

Toward the Next 100 Years

Securing a place for NSAC in the 21st century

In 2002, NSAC approved a strategic plan for the university entitled Looking Outward - Embracing Change. This five-year strategic plan identifies ten goals and recommends a number of strategies to guide NSAC in the pursuit of these goals.

The challenges facing NSAC and similar institutions around the world, include that of attracting a sufficient number and quality of students to meet the growing requirement for highly qualified personnel in the agri-food industry. This requires a sensitivity to the world around us, an ability to recognize the particular needs of that world and a willingness to change academic programs and other activities to meet those needs.

"Looking Outward-Embracing Change" is a plan that indicates our willingness to take up this challenge and sets out key directions appropriate to the task.

Academic institutions have several dimensions which define their activities. The plan was organized to reflect those dimensions in terms of goals and strategies for NSAC. Realization of those goals and strategies requires a balanced approach, particularly among the activities which fall within the realms of education, research, internationalization and community service.

Strategic planning must be viewed as a continuous process. The environment within which this plan was developed is continually changing. We deal with living things in a dynamic and exciting life sciences economy. So must our plan be a living document, subject to frequent review and renewal. But even as we look outward and embrace change, we will, in the words of Victor Hugo, "keep intact our roots."

The following is a thought-provoking article by our President Dr. Philip Hicks, on his vision for the NSAC as we lead into our second century. As well, we look back at our Strategic Plan and highlight our successes to date. Finally, we begin the process of renewal and the development of our next five-year plan.

What will NSAC look like as it slides gracefully into it's next centennary phase?

How will the university evolve between 100 years and 200 years of age? Where are we going? Well, it's awfully hard isn't it, to look 100 years into the future? Actually it's impossible and even inadvisable! However, perhaps setting our sights a bit nearer would be a better plan, don't you agree? Let's keep the bigger picture in mind but place it up on the shelf, more-or-less out of sight for a moment and look ahead into "only" the next 10 to 20 years. That seems like a more pragmatic approach to setting out a vision.

"Within this decade, NSAC will be an internationally-linked university of excellence, specializing in applied science education and research, serving the needs of undergraduate and graduate students and life science communities. "

NSAC has undergone some pretty amazing changes within the last decade or two. That trajectory probably sets the path we're on into a rather clear focus, so let's start there. By now it must be pretty clear to all who know the university that we are a highly research-intensive and research-productive institution of post-secondary education that also has top bragging rights in the area of student-professor relationships and highest quality of teaching possible.

Our graduates tell us over and over again that one of the things they appreciated so much while they studied here with us, is that they had wonderful relationships with the staff and faculty because those mentors they worked under really cared, and took seriously their mandate to educate.

International

We do however, admittedly fall short in certain areas. It's a wise individual who acknowledges his or her weaknesses and takes concrete steps to ameliorate those. We haven't yet done enough to have our teaching and research curricula and programmes internationalised. This is a formidable task that is being addressed, but we are still in the earliest stages of trying to figure our how best to proceed.

We excel in terms of our success with international development projects but don't yet have the targetted 10% non-Canadian student population that we want. Nor do we have very many (perhaps none?) funded research projects that involve an international team and that will lead to international co-authored publication. Nor do our courses frequently enough use examples of international practises for environmental issues, horticultural observations, animal-science issues, engineering standards, social science concepts, and so on and so forth. These examples are present in the lectures of some of our faculty, but it's not nearly enough. Our graduates will be entering a global world that is amazingly interconnected instantly, irrespective of the site on the earth where they may end up working. We need to have our graduates be global-thinking individuals, people who are fully prepared to read about, and implement in their workplaces, research information that is disseminated from places all over the world. We need better internationalisation at NSAC. We're working on it.

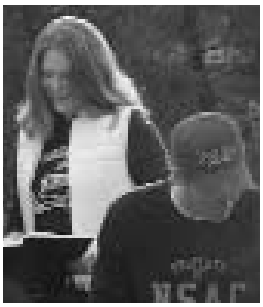
Research

The on-campus atmosphere of scholarly activity and high research productivity—the knowledge-seeking environment our graduating students found themselves in while they pursued their courses of study and academic programmes here—also set the tone for their own learning experiences, and that more than anything established the atmosphere around them rich in data analysis, critical thinking and discovery. These elements of our NSAC character made us special, indeed unique. We should tamper with these elements at our peril.

Industry Needs

One of the most important secrets of our success over the years at NSAC has been the way we sit down first and talk to agricultural and environmental sector workers, asking them what kind of teaching and research they think "the industry" that they represent most needs. Frequently, armed with this intelligence from our industry and commodity group partners, we then move forward with ideas that get translated into new courses, programs of study, and research projects.

This close alignment we have with our sector-specific partners has also made us special, indeed unique as a university. In this aspect also we should tamper with this attribute at our peril.



Student Life

Another area that needed attention was the student-centring of our focus. "What"? you might add..."I thought you just told us that NSAC is the most student-centred of universities"! Yes, that may be true, but we still have a long way to go before we can start feeling complacent. For one thing, we offer too many courses that never get taught. We don't offer enough electives in outside areas for our students to become diversified. We need to add courses that are relevant to the practical world while not neglecting the theoretical underpinnings of the science or knowledge that supports the speciality. We need to "keep our roots intact but constantly work to change our leaves". This means we must be in dynamic response mode when we listen to what our students are telling us they need to learn and then to respond to those demands with new courses and programmes, new modes in delivery of education, and new areas of study that keep us diverse and enriched.

We need to ensure that the numeracy and literacy of each and every student we graduate is at the highest standards. Is every one of our graduates fully capable of writing at the highest standards? Is each student who leaves with his/her diploma or degree capable of advanced mathematical calculations? Recently NSAC has committed funds and faculty time in support of an on-campus writing clinic.

The NSAC of the next 10 or 20 years will need to be one that does a better job of ensuring that our grads—all of them—are fully literate and can calculate and use numbers in statistics and math as effectively as graduates at larger, urban-based universities with whom we compete.

Academic Programs

Finally, I foresee an NSAC in the next 10 or 20 years that has a broader diversity of applied-science and health-related programmes of study being offered to our learners, alongside our traditional courses and programmes of agriculture, agri-business and agro-economics, pre-veterinary medicine, engineering, rural studies and environmental science. Programmes that might one day include such specialties as nursing science, financial management, human resource administration, meteorology, and a vast array of related fields which are being requested by our learners, both young and old. Our courses and programmes must be selected and put in place with open discussion with industry—after all, our close alignment with farming and other agri-science industries is one of our key strengths and this provides us our niche. I foresee a strong suite of for-credit offerings being made through the internet as a pedagogical vehicle, delivering knowledge that is "packaged" in a high-quality format that receives review and approval from the most discerning of our professional faculty and educators. I foresee a university that is self-confident, internally cohesive and team-spirited where we all work together to achieve even higher levels of academic and scholarly excellence. We are small but might today. We'll be just a little less small but a whole lot mightier in 10 to 20 years' time!

Philip Hicks

A Strategic Plan Report Card

Some key Strategic Plan highlights and successes to date are profiled below.

Student Life

The implementation of the Strategic Plan has resulted in many accomplishments for Student Life. NSAC's Strategic Plan states that in regard to Student Life the goal is "to provide a non-classroom environment for students that enriches the overall educational experience provided by NSAC."

The fundamental role of Student Services, through the offices of Health, Career, Residence, Conferences, Awards, Athletics, Recruitment and Academic Support Services, is to support and enhance the University's mission. We seek to create and sustain a healthy, safe living and learning environment that: promotes learning, supports a residential community in which students are involved and have a sense of belonging; provides support for stu-

dents in need; encourages student leadership; offers a wide range of options for involvement; and fosters respect for all.

Accomplishments that support the institutional goals for Student Life include efforts by all units within Student Services and the work of many other units such as Enrollment Management and the Library. The successes and ongoing activities of these units are multifaceted.

Success highlights include:

1. NSAC's focus is on students - from the time of initial inquiry-through graduation and post-graduation. Our commitment to students continues through the Enrollment Management initiative embarked on in 2003. Enrollment Management at NSAC is about implementing an integrated approach to maximizing student success. Significant gains have been made in regards to Enrollment Management. Specifically, an enrollment management council was created, and a strategic enrollment management plan developed mapping the highest priorities for the institution in regards to marketing, recruitment, enrollment, retention, and graduation at NSAC.

Specifically, an enrollment management council was created, and a strategic enrollment management plan developed mapping the highest priorities for the institution in regards to marketing, recruitment, enrollment, retention, and graduation at NSAC.

2. Toward the broad aim of adapting and adding programs and services that continue to meet student needs and developing opportunities for an enriched educational experience the units within Student Services have made significant progress, as indicated by the following highlights:

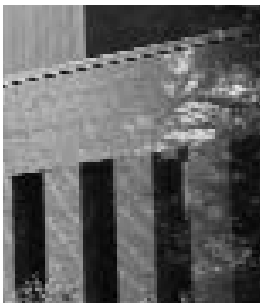
NSAC clubs, varsity, student programs and academic support services continue to be accessed and utilized by a diversity of students in large numbers. Significant efforts are being made to ensure programs parallel the academic experience and offer development opportunities that encourage student interest in current events, social issues and community projects. Highlights include: Services for Students with Learning or Physical Disabilities; a Campus Contribution Transcript Program; Annual Career Fair; Writing Clinic; etc.

Expanded use of the General Well-Being Survey allow for more effective monitoring and evaluation of student concerns and special needs.

Student leadership training remains a priority for peer educators.

3. In response to our need to invest in the infrastructure required to support an active and comfortable student life at NSAC, Residence Life in collaboration with other key campus constituents undertook a comprehensive review of the existing student residences. The result is the commencement of a New Residence Construction Project with an expected construction date of 2007.

4. Developing opportunities for increased interaction among students, faculty and staff at NSAC remains a priority. The development of the Library Commons, improvements to the First Year Advising program, and the administration of student satisfaction surveys and focus groups has contributed greatly to achieving this priority.



Research

To be a leader in research and innovation which generates new knowledge, enriches the quality of life, develops safe, sustainable technologies and educates highly-qualified personnel.
Success highlights include:

1. A part-time Director of Research position was created in 2004 to meet the goal of the creation of a senior position for an academic leader for Research at NSAC. Dr. Glenn Stratton (2005) is responsible for the strategic planning of research, communication of research, facilitating the development and review of research proposals to funding agencies and industrial interaction activities.

2. The Graduate Research Training Initiative (GRTI) scholarship program was announced in 2004 and this program directly addresses increasing the value and number of scholarships for graduate students at NSAC. The GRTI program is a $500,000 scholarship program which will provide funding for up to 20 scholarships over the next four years. The two-year scholarships are valued at up to $30,000 for full-time students and $15,000 for part-time students

3. Development of an internal review policy for all federal government funding agencies.

4. As part of addressing NSAC's overall goal of becoming known as a leader in research, NSAC currently ranks #1 in research intensity among all of the other 16 Atlantic Canadian universities according to results recently released by Research Infosource Inc. in its Canada's Top 50 Research Universities List. The result for NSAC represents a 45 per cent increase in research intensity over the previous year which translates into $103,700 per faculty member in research funding.

The Industry Liaison Office is responsible for building university/ industry relationships and developing opportunities for research contracts.

As part of addressing NSAC's overall goal of becoming known as a leader in innovation, NSAC established an Industrial Liaison Office in 2004 and David Fullerton was hired as NSAC's first Industry Liaison Officer in September 2005. The Industry Liaison Office is responsible for building university/industry relationships and developing opportunities for research contracts and/or commercialization as well as the overall transfer of technology to the private sector through interaction with researchers and the Atlantic Regional Commercialization Network.

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Developing NSAC in the Second Century

As NSAC leaves its centennial year and moves fully into its second century, it is important to reflect on the challenges that it will face and how alumni and friends of the institution can help it develop into the sort of university that will continue to educate and train our future leaders.

The post secondary education market is highly competitive. Because of demographic trends, the number of young people available to attend post secondary school will decline at least over the next decade. While the percentage of those young people seeking advanced education will increase, the competition among all universities will intensify. Add to that the pressure placed on government funding priorities for the increasing cost of health care and it is easy to see that schools like NSAC will need to find alternative funding support to maintain its calibre of programs and to attract students.

An increasing number of friends of NSAC have decided to help leave a legacy for future generations of students by contributing to our endowment campaign.

An increasing number of friends of NSAC have decided to help leave a legacy for future generations of students by contributing to our endowment campaign.

An endowment is a block of money set aside in the NSAC Foundation, the investment income of which is used annually for some good purpose at NSAC as specified by the donor. It may be used for a scholarship or bursary or could be used for supporting teaching or research. The donor gets the advantage of the tax receipt at the time of the gift as well as knowing that their gift will be helping NSAC for generations to come.

It is possible to help endowments at NSAC in several ways. For example, contributions can be made to the **Second Century Endowment Fund** where many donations will be pooled together to form a fund that will be used to power a range of scholarships and other projects as the needs of NSAC change. This is a good way to participate for the majority of our donors. Alternatively, for larger donations, an individually named endowment can be established. The minimum amount for such a named fund is $25,000 and this may be paid over several years. This might form part of a person's estate through a gift in a Will or as the proceeds of a life insurance policy given to NSAC. It can also be the result of tax planning after the sale of a business or the result of an inheritance.

A recent example of this is the story of the Covill fund. After a successful career as an engineer, Mr. Dennis Covill sold his shares in a business that he had started. Dennis and his wife Renée had a daughter Jill who had attended NSAC, graduating in Plant Science in 1980. The Covills had been pleased with the start that an NSAC education had given Jill. As organic gardeners and supporters of the environment themselves, they chose NSAC to set up a fund that will provide scholarships to Atlantic Canadian students at NSAC studying in a program leading to a Bachelor's degree with a major in Plant Science (Agronomy or Horticulture) or Environmental Horticulture. Preference is given to students who have course and project work that reflects a commitment to environmental issues and career interests in growing plants.

The first five Renée Covill Scholarships valued at $2,500 each were awarded at Autumn Assembly in October 2005 where the Covills were recognized for their generosity. The Covills will be helping generations of NSAC students fulfill their dreams and get off to a better start in their careers.

Renée Covil Scholarships

NSAC extends thanks to Dennis & Renée Covill for establishing a scholarship fund in recognition of the time their daughter Jill studied at NSAC.

The fund provides five $2,500 scholarships to students from Atlantic Canada studying in a program leading to a bachelor's degree with a major in Plant Science or Environmental Horticulture.

This is just one example of the how NSAC will be developed in the next century. NSAC will be even more research intensive in the future, offering advanced education and will have to have well funded programs to help attract and train the best and the brightest. You can help by considering a contribution to our endowment funds.

Shown are the first recipients of the Renée Covill Scholarships with Renée and Dennis Covill: Pamela Craig, Fredericton, NB, a 3rd year B.Sc.(Agr.) Plant Science student; Adrien van Dyk, Caledonia, NS, a 4th year B.Tech. Environmental Horticulture student; Stephen Cushing, Dartmouth, NS, a 4th year Environmental Horticulture Technology student; Patrick Dunphy, Millview, PE, a 3rd year Plant Science student and Andrea Munroe, Dartmouth, NS, a 4th year Plant Science student.

Exciting New Programs Lead the Line-up for 2006

There has been some changes and additions made to the vast array of programs offered to our science students at NSAC including a new Bachelor of Applied Science, a Diploma in Enterprise Management and changes to our Veterinary Technology program (formerly known as Animal Health Technician.)

For a complete list of NSAC programs, please visit: nsac.ca/prospectivestudents/programs

Diploma in Enterprise Management

For about 10,000 years, farmers have had to sow, reap and tend crops, raise and treat animals and take food to market. Old MacDonald should have had a diploma in Enterprise Management.

Are horses or dairy cattle your passion? Is owning or managing a pet-related business part of your long term career strategy? Do you want to someday own your own farm or farm market? Are you interested in a career as a produce or meat manager in a food retail business? Where can you go to obtain a solid business education and at the same time study something you love?

The NSAC is offering, beginning in the Fall of 2006, a brand new two-year Technology Diploma in Enterprise Management with five specialities: dairy farm, equine, companion animal, food retail and farming. This business program will help prepare you for a career in marketing, sales, or service. Or you can obtain the skills and knowledge you need to operate your own business or farm operation

It's all about choice. Choose to study dairy animal genetics, to develop a plan for a pet-related business, to consider the forage needs of your horses, or to understand the production of food from soil to shelf. Choose to obtain a background in business education that allows you mobility and freedom in your career.

Bachelor of Applied Science

NSAC launched a new undergraduate degree program for students who want to become technology education teachers. The Bachelor of Technology (Applied Science) began accepting students this past September.

According to one of the chief architects of the new program, part of the program's draw is that it is the only degree of its kind east of British Columbia, making it an important resource for Atlantic Canadian students.

"This program ensures students who want to become technology education teachers can access a high quality program in this part of the country," said Kevin Sibley, department head and associate professor in NSAC's engineering department.

According to Sibley, NSAC forged a Memorandum of Understanding (MOU) with Acadia University to ensure students will have the most direct route to their career choice. "Once completing our degree, students can apply for direct admission into Acadia's Bachelor of Education Degree in Technology Education," said Sibley.

This agreement will streamline the process for students. Previously, students with an undergrad degree were required to take extra courses to qualify for teacher certification. Now, students can earn an undergraduate degree that includes the necessary teacher certification components.

The flexibility of NSAC's new program means graduates have many more options than just becoming technology education teachers. "Career options for graduates touch every aspect of technology training and implementation," said Sibley. Alternative career options include engineering technologists, technology developers and implementers, technology managers, corporate trainers, technology business account reps and safety specialists.

According to Acadia's Technology Education Coordinator, Dr. Gregg MacKinnon, NSAC's new program is a product of innovative thinking and strategic partnering that will ultimately benefit students. "Our School of Education, with the help of an experienced technology educator, outlined the desirable background for a technology education degree student and worked with NSAC to develop a Bachelor of Technology program that would deliver well-prepared candidates to our program," said MacKinnon. 'With an identified lack of technology education teachers nationwide, this progressive partnership is a well-timed initiative that has come to volition after years of discussions."

For more information on NSAC's new Bachelor of Technology (Applied Science), please visit: www.nsac.ca/appliedscience.

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New Poultry Facility Slated for NSAC

Construction is set to begin on the Atlantic Canadian Centre for Poultry Research at NSAC with an official sod-turning held December 7th.

The Centre, valued at over $10 million, will provide teaching and research capabilities in all phases of poultry production from hatching to value-added product processing.

"This is an exciting day for the poultry industry and the department" said Chris d' Entremont, Minister of Agriculture and Fisheries. " We are looking forward to the completion of this research facility as it will provide great benefits to producers and scientists."

The state-of-the-art facility, slated to open in 2007, will allow fundamental research on nutrition, physiology, poultry product quality, food safety and poultry waste management while providing opportunities for the development of new and innovative research directions important to support key regional and national priorities.

The Atlantic Canadian Centre for Poultry Research will provide researchers at the NSAC the opportunity to tackle cutting-edge poultry research in a world-class facility.

"The Atlantic Canadian Centre for Poultry Research will provide researchers at the NSAC the opportunity to tackle cutting-edge poultry research in a world-class facility," said Dr. Eliot Phillipson, President and CEO of the Canada Foundation for Innovation. "This CFI investment will ultimately provide substantial economic benefits for Canada and improve quality of life for Canadians through important advances in nutrition and food safety."

Dr. Bruce Rathqeber, Hon.Jamie Muir and Dr.Phillip Hicks

At the core of the research facilities is a complex that will house

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NSAC Recipient of Canada Research Chair in Organic Agriculture

Dr. Derek Lynch of the NSAC has been named a Canada Research Chair in Organic Agriculture by the Honourable David L. Emerson, Minister of Industry and Minister responsible for the Canada Research Chairs Program.

The university will receive $500,000 over the next five years to support Dr. Lynch and his research which will involve the development of innovative crop and soil management practices to address the challenges to the sustained growth of organic agriculture in Canada.

"The Canada Research Chairs program recognizes and supports the best scientific minds of our time. We at NSAC are extremely proud of Dr. Lynch for this prestigious accomplishment," said NSAC President Dr. Philip Hicks. "Not only will the industry and Canadian consumers benefit from his research program but so also will our students, who will be trained by the best."

"Our universities are vital centres of cutting-edge research and innovation," added the Honourable David L. Emerson, Minister of Industry and Minister responsible for the Canada Research Chairs Program. "The ideas generated at these institutions extend the frontiers of knowledge and create a deeper understanding of the complex world in which we live. Communities all over the country will see the benefits of the work done by the more than 1500 Chairholders who conduct research at Canadian universities."

Canadian consumers are concerned with the quality of their food and how it is produced and for this reason they are becoming increasingly interested in "organic"

Dr. Derek Lynch

agriculture. Retail sales of organic food products in Canada has been experiencing rapid growth and thanks to research being carried out by Canada Research Chair Dr. Derek Lynch and his team at NSAC, the practice of organic agriculture in Canada will soon have more scientific backing.

Imported products supply over 85 per cent of the domestic market of organic food products in Canada. At the same time, large export markets for certified Canadian organic products exist in the US, Europe and Japan. To meet these market

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New Marketing Campaign
Launched by NSAC

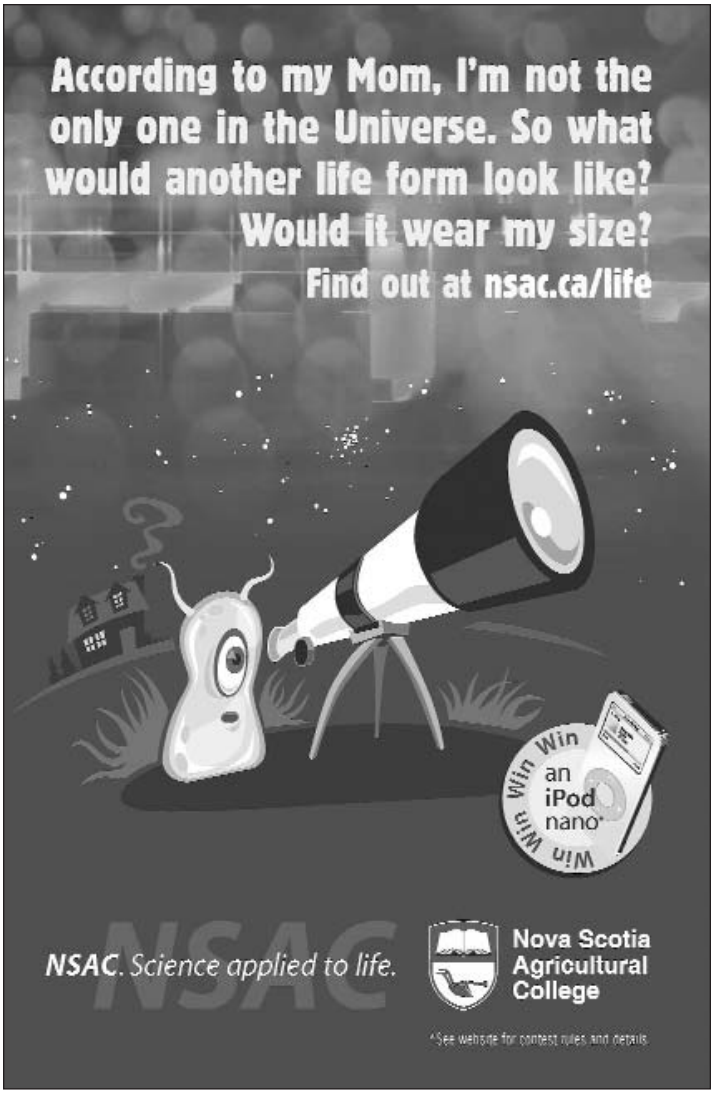
NSAC launched an aggressive marketing and recruitment campaign in October of this year and early indicators show the campaign is working well with prospective students.

After a few years of waning enrollments, NSAC needed to rise above the noise of the many Atlantic Canadian universities clamouring for students. The challenge in the university market today is differentiation. If you look at any university advertising today, remove the logo and it is difficult to tell what university it is. This is called industry-think and it has been plaguing the university market for years. Universities use the same media, the same visuals (picture a multicultural group of smiling, freshly scrubbed faces on the steps of the admin building, acting "natural".)

After some in-depth market analysis and research, the campaign strategy was clear - NSAC had to tackle low awareness levels before we would see an improvement in application and enrollment numbers. The extra challenge thrown in is that NSAC needs its enrollment numbers growing by 5-10 percentage points each year, so the campaign had to include not just awareness-building features but also application driving tactics. The solution had to include (a) focusing on undergrad prospects, the group numerous enough to allow NSAC's growth targets, (b) choosing media that are well-loved by the youth market and that other universities are not using and (c) developing creative that sets NSAC apart from the other schools.

In October, NSAC launched a campaign so integrally different from other universities that it caused an immediate stir in the industry and other universities have voiced their interest in following NSAC's example of meeting prospective students where they live.

The campaign is founded on showcasing the applicability of applied science, NSAC's core competitive advantage. Through the campaign elements, prospects see first hand how applied science can be used to solve virtually any question young people might have about the world around them. NSAC's marketing department assembled NSAC's first Science Panel to attack more than 20



applied science questions of interest to young people. The panel included many experts: Dr. Alex Georgallas (Physics), Dr. Jeff Hoyle (Chemistry), Dr. Randy Olson (Botany), Dr. Robin Robinson (C hemistry), Dr. Kevin Sibley (Engineering), Dr. Gefu Wang-Pruski (Microbiology). They tackled questions like, "Is it possible to create a serum to make someone love you?" and "Can you build an

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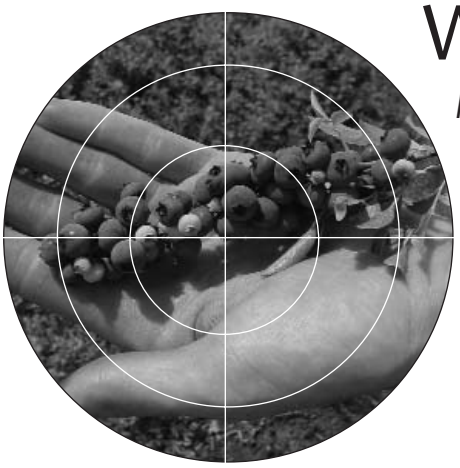

Weed Control ... Creative Solutions

NSAC professor Glen Sampson is finding ways to turn nature back on itself and is helping limit the use of pesticides in our communities

The recent ban on pesticide use in the Halifax Regional Municipality has left some homeowner scratching their heads wondering how they can control the pesky weeds. Thanks to research at NSAC, there are now some creative solutions.

A leader in the area of biological weed control, professor Glen Sampson is a researcher and environmental science professor at NSAC. He finds ways to turn nature back on itself and is therefore helping limit the use of pesticides in our communities. Since joining the university in 1983, his research has focused on 'green' weed management. "We're using nature in a beneficial way," he says, adding that it's

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ALUMNI NEWS

ALUMNI MEETINGS

Alumni or Area meetings are a casual, fun and interactive way for the university to touch base with our alumni. And it's a chance for our alumni to hear a little bit about what's happening at the university and an opportunity to meet and renew acquaintances with other AC grads living in the area.

Events are free-of-charge and hosted by the university. If you are interested in helping to host a casual, alumni function, in your area or to find out more about them, please contact us at: alumni@nsac.ca

VALLEY AREA ALUMNI MEETING

Famous Valley corn-on-the-cob was on the menu for about 60 NSAC alumni who gathered in the Valley August 18th, 2005 to celebrate summer and the onset of Fall at Noggins Corner Farm. Hosted by Patricia Bishop, Class of 1999 and her father Andrew, Class of 1973, the group was greeted by President Philip Hicks and Executive Director of Development Jim Goit. Alumni and incoming Valley freshmen were updated on the happenings of the university while having a chance to visit with former classmates and friends. A good time was had by all.

FLORENCEVILLE MEETING

Nick Marchand a member of the NSAC Recruitment team was in the Florenceville area on Wednesday, November 23rd , 2005 for a gathering of New Brunswick alumni at the Florenceville Motor Inn, Burnham Road. Nick updated the group on the university's activities and enjoyed an evening of casual conversation and fellowship.

CALGARY AREA ALUMNI MEETING

A first ever, Calgary area meeting was held at the Royal Executive Inns and Suites, Wednesday, June 1. A small but mighty crowd was updated on the latest developments at the NSAC by ED Jim Goit. Jim was also pleased to learn about the activities of some of our membership.

Those in attendance included Bethany Uttaro (1987), Jim Goit, Executive Director Development and External Relations, NSAC; Joe Howlett (1969), Jennifer Hayes (1996), Peter Lawson (1989) and Jill Hume (1989).

The Class of 1956 is welcomed by Gilbert and Jeff Allen

CLASS OF '56 MEETING

The Class of 1956 met this past July in Kings County, Nova Scotia. Those in attendance included: Doug Byers, Aurele Gaudet, Harry Crouse, Danny Stewart, Donnie MacNeil, Guy Losier, Gerry Foote, Donnie Morrison, Bill Stewart, Nelson Ball, Bill Seaman, Dick Huggard, Bill Swetnam, Gordie Zwicker, Gilbert Allen, Doug Crouse, George MacKenzie, Carl Levo and Ted MacNintch. Highlights of the meeting included visits to classmates farming operations; Wilmar Acres -owned by Bill Swetnam and family and Allens Farms - owned by Gilbert Allen and family.

A committee volunteered to organize the 50th reunion in 2006. Members include: Donnie MacNeil, Danny Stewart, Dick Huggard and George MacKenzie. The committee has recommended the reunion take place at NSAC July 27-29, 2006 as part of the annual Open House program. More details will be mailed out to class members.

UPCOMING ALUMNI GATHERINGS

There will be a gathering of NSAC alumni, **Friday, July 28th**, 2005 at the beautiful Granite Springs Golf Club in Bayside, Nova Scotia. Alumni are invited to come and enjoy the beauty of the course while catching up with fellow alumni and learning about recent initiatives of the university. This is also the venue for the 10th Agri-Golf Classic to be held later in the day. Plan on participating in both. Keep posted to the NSAC website and Alumni E-News for further details as they develop. Invitiations will also be mailed.

Autumn Assembly

Rick Russell Memorial Bursary

The first Presentation of the Rick Russell Memorial Bursary at NSAC's Autumn Assembly 2005 marked the first presentation of the $500 Rick Russell Memorial Scholarship. Barry Russell is shown making the presentation to Sarah MacPherson, Stewiacke, NS, a 3rd year B.Sc.(Agr.) Animal Science student.

Cliff Retson Memorial Bursary

Hanae Higa, Naha Okinawa, Japan, a 1st year B.Sc.(Agr) Pre Vet student was the 2005 recipient of the $500 Cliff Retson Memorial Bursary. Shown making the presentation is Mrs. Grace Retson and her daughter Mavis Yorke.

Gordon Kinsman Memorial Scholarship

Atlantic Farm Mechanization Show Scholarship

Dr. Kevin Sibley, Dept. of Engineering, is shown presenting the $1000 Atlantic Farm Mechanization Show Scholarships to this year's graduate recipient, David Christie, Lynnfield, NB; and this year's undergraduate recipients, Mila MacLean, Pictou, NS, an Engineering student and Matthew Settle, Debert, NS, a 2nd year Engineering student.

Atlantic Scholars Awards

This year there are seven recipients of $35,500 Atlantic Scholars Awards at NSAC. Dr. Philip Hicks, President, NSAC, is shown congratulating recipients at recent Autumn Assembly ceremonies — Maryella Maynard, Tyne Valley, PE, a 1st year B.Sc.(Agr.) AEC student; Lana Campbell, Bains Corner, NB, a 1st year Pre Vet student; Jamie Linthorne, Stellarton, NS, a 1st year Pre Vet student; Julie Berkshire, Bridgewater, NS, a 1st year B.Sc.(Agr.) student; Jennifer Hanrahan, Porter's Lake, NS, a 1st year Pre Vet student; Sarah Blackie, Florenceville, NB, a 1st year B.Sc.(Agr.) student; and Amanda Bennett, Stephenville Crossing, NL, a 1st year Pre Vet student.

Neil Kinsman recently attend Autumn Assembly ceremonies at NSAC to make scholarship presentations. $1,500 scholarships were presented to Patrick Murphy, Kensington, PE, and Nelsa English, Brown's Town, St. Ann, Jamaica, both M.Sc. students at NSAC.

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Autumn Assembly continued from page 17

Stuart F. Allaby Graduate Studies Scholarship

Carolyn Allaby and her father, Stuart Allaby, are shown congratulating this year's recipient, Jody Muise, of the $1,000 Stuart F. Allaby Graduate Studies Scholarship. Jody Muise, Ste-Anne, NS, is a M.Sc. student studying in the Animal Science field. Stuart Allaby, NSAC Class of 1949, established this scholarship years ago to recognize and support an M.Sc. student concentrating on Animal Research.

Dr. Allan & Barbara MacKay Scholarship

Autumn Assembly 2005 marked the first presentation of the $1,000 Dr. Allan & Barbara MacKay Scholarship. Dr. & Mrs. MacKay are shown with Tracy Collins, Kippens, NL, a first year AVC student at UPEI.

CALENDAR of Events

NSAC Founder's Day	February 14th, 2006
NSAC University Day	March 3rd, 2006
CCAA National Women's Volleyball Championships	March 10-12, 2006
NSAC Convocation	May 5th, 2006
NSAC Open House	July 27th, 2006
Alumni Summer Program	July 27-28, 2006
Agri-Golf Classic	July 28th, 2006
Homecoming Weekend	October 21, 2006

Upcoming Alumni Gatherings...

There will be a gathering of NSAC alumni, **Friday, July 27th, 2006** at the beautiful Granite Springs Golf Club in Bayside, Nova Scotia. Alumni are invited to come and enjoy the beauty of the course while catching up with fellow alumni and learning about recent initiatives of the university. This is also the venue for the 10th Agri-Golf Classic to be held later in the day. Plan on participating in both. Keep posted to the NSAC website and Alumni E-News for further details as they develop. Invitations will also be mailed.

There will also be a 'mini' summer homecoming held on Thursday July 27th to coincide with NSAC's annual Open House and Agri-Golf Classic. The NSAC Alumni Family Barbeque will be held in the Alumni Gardens beginning at 4:00 p.m. Alumni will have the opportunity to tour campus during our open house, visit with retired faculty and staff and enjoy the grounds of campus. Please keep posted to our website for further details as they develop and plan to attend this summer reunion.

Alumni E-News

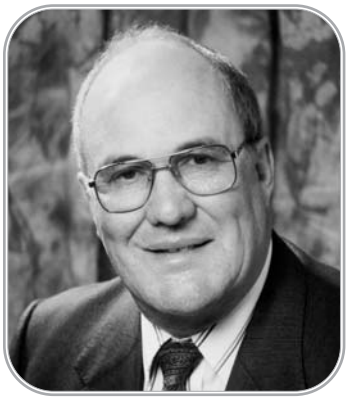
Distributed monthly via e-mail, the Alumni E-News is a Centennial project aimed at keeping alumni up-to-date with news from the university including important announcements, student and alumni achievements, athletic news and upcoming events. You will still receive your alumni magazine, the Agricola News, by mail, free-of-charge.

In this monthly, electronic newsletter you'll find brief news items and for most, a link to our alumni website for more detailed information. To ensure you receive your monthly Alumni E-News, please make sure the Alumni office is aware of your E-mail address by simply sending us a brief e-mail to alumni@nsac.ca or by calling (902) 893-7247.

Atlantic Agricultural Hall of Fame Inducts Four New Members

The Atlantic Agricultural Hall of Fame honours members of the agricultural community for outstanding contributions to the industry, community and farm organizations. The 2005 inductees are Eric Meek, Nova Scotia,Richard E. Melanson, New Brunswick, Howard Morry, Newfoundland and Labrador and Wallace Wood, Prince Edward Island. Ceremonies were held on Thursday, October 27, 2005 on the NSAC campus. It is interesting to note that of the 141 inductees in the Atlantic Agricultural Hall of Fame, 31 are NSAC alumni.

Eric Meek
Nova Scotia



Eric Meek has always been a man to become involved in both his industry and his community and has always given of himself in order to make a difference

Born in 1933 and growing up on the family farm in Canning, Nova Scotia, Eric attended local schools. Upon his graduation from the Nova Scotia Agricultural College in 1954, he returned home to farm with his father full-time. They formed a partnership under the name of L. B. Meek and Son and over the years, they have had layers, broilers, potatoes, peas, beans, forage and grain, ran a beef feed lot and had "U-Pick" vegetables and strawberries.

Eric believed in the future of the agricultural industry and as such became active in its organization. In 1962 he was elected President of the Kings County

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Richard Melanson
New Brunswick

Richard E. Melanson was born April 9, 1923 in Moncton, N.B. Dick, as many people came to know him, was raised in Moncton, excelling at all levels of school. He had a dream to work in agriculture. He attended the Nova Scotia Agricultural College graduating in 1941 and MacDonald College in Montreal graduating in Agricultural Engineering and Agronomy in 1943. Immediately Dick enlisted in the Canadian Army heading overseas to the War. His efforts there earned him the rank of 2nd Lieutenant.

After the war, Dick worked in the farm machinery business with Cockshutt Tractors in Truro, NS until 1954 and Ontario until 1957 when he left to move back East. Dick was to be the Maritime's presence of Farmer's Supply and

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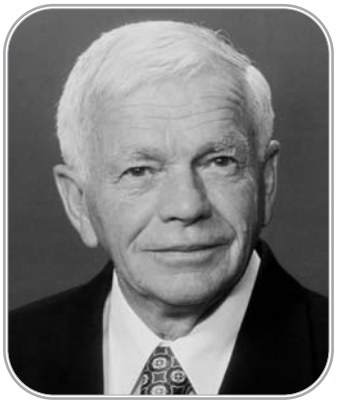
Wallace Wood
Prince Edward Island



Wallace (Wally) Wood was born August, 1934 and was raised on the family farm in Marshfield, PEI. He attended the local school followed by three years at Prince of Wales College, Charlottetown. In 1952, while a 4-H member, Wally was awarded a trip to the Royal Agriculture Winter Fair, Toronto, where he won the National Dairy Judging Competition. Joining his father on the family farm, he specialized in breeding, showing and marketing purebred Ayrshire Cattle, under the name, East River Farms. During the 1970's and 1980's with Wally`s brother David as partner, East River Farms was awarded numerous championships, and breeder awards provincially, regionally and Nationally. An East River Ayrshire Cow became the first to achieve the distinction of

Continued on page 29

Howard Morry
Newfoundland and Labrador

Howard George Morry has been involved with the agricultural industry his entire life, having grown up on a mixed farm in Ferryland, NL. After several years working in Ontario in the early 1950s, Mr. Morry attended Nova Scotia Agricultural College graduating in 1955 with a diploma in Agriculture. He has spent much of his working life with Agriculture and Agri-Food Canada (1955-1990) where he was entrusted with the care of the Newfoundland Local Sheep Flock at the St. John's Research Station in addition to his duties in agronomy, soils and entomology. In his 35 year service, he was recognized as a knowledgeable and trusted employee who could be depended on to complete the assigned tasks. He has farmed continuously, returning to full-time farming following retirement in 1990.

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Homecoming Weekend '05

October 14, 15, 2005

Alumni and their families were welcomed back to the Nova Scotia Agricultural College October 14 - 15, 2005 for the sixth annual Fall Homecoming Weekend - centennial edition. And we had some extra special events scheduled in honour of our anniversary including a hilarious Yuk Yuks performance, an energetic performance by Cape Breton band Beolach, our first Blue and Gold Awards luncheon and a Nova Scotia Wine and Dine.

Class Shield Winners

Class Shield Awards were presented to those Class years with the most graduates in attendance during Homecoming weekend.

Intermediate Class Shield winners were members of the Class of 1955 (George LaBelle and Howard Morry accepted on behalf of their Class)

Winners of the Junior Class Shield award were members of the Class of 1960.

The Senior Class Shield award was presented to the Class of 1950. (Fred Walsh accepted on behalf of his class.)

Alumni Services

Were you aware that the NSAC Alumni Office is ready and willing to help you organize your next Class reunion or event?

If you are interested in bringing your class together for a reunion, please let the alumni office know at alumni@nsac.ca or by phoning (902) 893-6721. We can help you with your preparations by providing class lists, booking rooms, sending letters to classmates and so on. We are here to help. Let us know what you need.

Homecoming 2006 Survey

The NSAC Planning Committee is already thinking about Homecoming Reunion 2006 and we want your input. Please take a few minutes to complete our short survey which will help the Alumni Office determine what our membership would like in terms of Reunion programming. We appreciate your feedback.

The Homecoming Survey can be found at:
www.nsac.ca/alumni/Homecoming/homecomingsurvey.asp
Thank you for your participation.

Dates for Homecoming 2006

July 27 and October 21.

Blue & Gold Awards Presented at Homecoming

As part of Homecoming 2005, Centennial edition, a Blue and Gold Awards luncheon was held to honour the many accomplishments of the alumni membership. Awards were presented in the following categories: Alumni Volunteer of the Year Award, Distinguished Alumnus Award and the Young Alumnus Achievement Award. Full citations for the award winners can be viewed on the alumni website at: nsac.ca/alumni/awards.asp

The **2005 Young Alumnus Achievement Award** was presented to Steve Reeves, Class of 1997. What began as a reigniting of Steve's passion for agriculture during his time at NSAC is now a partnership with his father on the family's seventh generation farm in Freetown, Prince Edward Island. It's a partnership he's grateful for, offering him opportunities he never could have done alone.

Steve and his wife Jessica were the 2005 winners of the Atlantic Outstanding Young Farmers program. They were chosen at the Atlantic Farm Mechanization Show in Moncton New Brunswick. They will represent the region at Canada's Outstanding Young Farmers national competition in November.

The **2005 Alumni Volunteer of the Year Award** was presented to Dale Ells, Class of 1959. It is only fitting that Dale Ells be the first to receive this honour as his spirit of volunteerism has permeated his career and continues to blossom in his retirement. Dale has had many notable accomplishments throughout his career but it is also what he has made happen behind the scenes that is noteworthy.

Dale's passion for preserving the past led him to write a comprehensive history of the university which has become, along with Dale himself, an indispensable resource to the institution.

The **2005 Distinguished Alumnus Award** was presented to Arnold Rovers, Class of 1965. Arnold Rovers was born in Holland and raised in Tracadie, Nova Scotia, graduating with a diploma in agriculture from the NSAC in 1965. He later received his Bachelor of Science from McGill University in 1967 and his Masters of Science from the University of Connecticut in 1971.

Arnold has had a long and distinguished career. Since his graduation in 1965 Arnold has been a strong advocate for the university and the Department. He is an accomplished and experienced senior executive with demonstrated leadership, management and operations skills. This combined with his unique ability to bring diverse organizations and operating cultures into a cohesive business structure that focuses on strategic objectives and key results makes him a very deserving recipient of the NSAC Distinguished Alumnus Award for 2005.

The Nomination Process: Please consider nominating a deserving individual for our 2006 celebration. You may do so online at nsac.ca/alumni/Alumnusawards.asp or by calling the alumni office at (902) 893-7247.

Class of 1981

CHISHOLM, Rick: 1981 Farming Tech. Grad. Just a note to say hello. It's hard to believe it's been 24 years. I would like to hear from any of the 'old' gang. I've been living in the Ant. area since graduation, am married with two children. I no longer work in the ag. field, I'm a carpenter at a sheltered workshop providing vocational training for mentally challenged adults.

Class of 1987

WISEMAN,Darlene(Pick): Steve and I have two sons Aulay (15) and Judson (10). We sell wholesale and may be expanding this year into retail. If any classmates would like product or have product we cold sell retail we would welcome the
information. Pick 'N' Grow Greenhouses Inc.

Class of 1990

WHEATON, Margaret: Hello fellow Aggies, I graduated in 1990 with Ag. Business. I have one daughter Megan who will be 13, my husband and I own a beef cow-calf herd (40 cows). I work off the farm as a supervisor, Agribusiness Operations, for the Correctional Service of Canada.

Class of 1992

RAYNER Natalie (Burns): Class of 1992 Ag. Economics. Wow! 13 years go by fast. I live in PEI with my husband, Wes (TUNS Ag. Eng.'89) and our two children Benjamin-3 and Thomas-18 months. I've currently "semi-retired" to a career in Motherhood after running my own retail business for ten years. I'd love to hear from any of the old gang. Especially any Woodsmen or 3rd floor Fraser people. Donair anyone?

Class of 1994

WESTLAKE, David: My wife Laura and I would like advise my grad class of 94 that we adopted a baby boy named Robbie.

VANDERKOOI, Jason: Hello to all Aggies from 92 to 94. I completed my Ag. Engineering degree in 1997 and I haven't used it since. I went to work for the oilfield service company called Schlumberger. I've worked through most of Alberta, BC and Sask. I worked offshore NS for 1.5 years and now I find myself in Colorado. It's nice but it's not the Maritimes. It would be nice to hear from other AC grads.

Class of 1997

FIFIELD, Julie (White): Hello class of '97 (Environmental Biology) and '99 (Land Hort) My husband Rob and I just had Logan Fifield our second baby on June 24th.

WHITE, Lisa: An. Sci. Hey y'all!. Still in Saskatoon, working at the university as a research assistant to the Provincial Beef Research Chair. I finally met the man to tame me! We are getting married in Nova Scotia next September (2006). He is from here and looks like we will be settling out here for some time. My sister Rene (Married to D'Arcy Wooldridge from PEI) had twin baby girls last Christmas. She lives in Lloydminster, just a 2.5 hour drive, so we get to see them lots. Drop me a line, it would be great to hear from everybody. Hung up the rugby cleats for 'good' last summer... we will see how long that lasts. Lisa

Class of 1998

LAFFIN, Sandy.....I was married September 15, 2001 to Andy Lemmon and we currently live in Upper Musquodoboit. I work at the Assessment Office in Truro, NS and would enjoy hearing from classmates.

DICKIE, Jim.....Hey Folks, I figured it is time to give an update. I'm living out west here in Edmonton. Coming up on seven years. I work for a valve and fitting supply company for the instrumentation industry as a customer service rep. I was married May 22, 2005 to Kimberly Ewaskow. I met my bride through you guessed it volleyball three years ago and the rest is history. No kids, but a very energetic yellow lab named Skylar. I hope everyone is doing well.

Class of 1999

TALBOT, Carrie: Hello to all my fellow Aggies! I'd love to hear from you, especially those of you from Environmental Science 1999.

RAND, Kelly (Sweeney): Hello Aggies, As some of you may know that Chris Sweeney (class of 99) and I were married this past summer on July 2nd. We are currently living in the community of Sheffield Mills in the Valley. Chris is still working at Cornwallis Farms in Port Williams and I at Nova Industrial in New Minas. Please drop us a line we would love to hear from you. Email - kellyrand44@hotmail.comClass of 2000

BENNETT, Gina (Tomko): Hey all who went to NSAC from 1997-2000. Just wanted everyone to know that I just had my first child on April 23, 2005. A little girl named Hailey Madison. She is awesome and such a blessing. I'm enjoying my time off from work and enjoying every second of her. I would love to hear from old friends. Drop me an email at: Ginabennett@gmail.com

DILLMAN,Trevor:Congratulations are extended to Trevor Dillman, Class of 2000 who married Shari Nelson, (Woodsmen athlete) on September 17th, 2005 at the Immaculate Conception Church in Truro.

Class of 2002

REID Mary: Just a quick update:I am working on PEI, teaching grade 7 and 8 and I love it. Erland and I are also now engaged and getting married in June of 2006.

Class of 2003

MACLEOD, Jennifer (Murray): B.Sc (2003) Hi everyone, just letting you know that I am in PEI now. I am working for ADLIC in central PEI. I got married May 21 to Adam. If anyone is over look us up in Breadalbane.

BREMNER, Katherine.....Donnie MacGregor, Class of 2001 and Men's Basketball coach married former varsity basketball player Katherine Bremner on Saturday, September 17th, 2005. Katherine is a member of the Class of 2003 and is currently undertaking her Masters. Donnie and Katherine were married at Stonehame Chalets in Scotsburn.

Exciting New Programs Continued from page 13

New Veterinary Technology Program

NSAC has been graduating Animal Health Technologists since 1991 and in that time almost 200 graduates have entered a rewarding career based on the skills and abilities they've acquired here at the university.

In an effort to better serve our learners, a new two-year Veterinary Technology (VT) program has been developed to replace the three-year AHT program. The Veterinary Technology Program will admit its first class in September 2006.

The new two-year Veterinary Technology program will be composed largely of career-directed courses. As is the case with the previous AHT program, it is designed to prepare students with the skills and knowledge required to function as technical assistants to practising veterinarians, researchers and other persons who deal with animals. The Veterinary Technology Program will still conform to the accreditation standards of the Canadian Veterinary Medical Association thus ensuring graduates, eligibility to write the credentialing examinations of the Eastern Veterinary Technician Association and other provincial registration bodies.

Most graduates from NSAC's VT program will find employment in small-animal practices. The main thrust of the program is therefore towards companion animals. Other career paths that graduates have followed include: animal shelter manager, veterinary-related sales representative, research animal technician and regulatory technician.

Byron Beeler Continued from page 5

Leadership and Citizenship Endowment Fund ". Revenue generated from this new fund will support 4-H members from across Ontario who participate in the annual National 4-H Leadership Conference and National 4-H Citizenship Seminar.

Funds received by 4-H Ontario and directed to "The Byron and Katherine Beeler Leadership and Citizenship Endowment Fund" will be held and managed by the Ontario 4-H Foundation. Charitable tax receipts or marketing receipts will be issued for all donations.

For more information contact 4-H Ontario at 1-519-824-0101

Grant MacMillan Continued from page 6

accomplish this. My job in Alberta allowed me to expand my crop knowledge by introducing me to production and experimentation on oilseeds, alfalfa, corn, sugar beets, legumes, cereals and a number of minor crop species. The great aspect of being involved in research is that it gives me the opportunity to apply the majority of my Plant Science education obtained from the AC. During the season, I conduct numerous herbicide, insecticide, fungicide and nutrient efficacy studies. Add on data collection, statistical analysis, report writing and some equipment repairs, and that's a lot of education utilization."

An interesting aspect of this line of work is that you find yourself using skills, techniques or procedures learned in school, then you catch yourself remembering that in first year, you thought that the procedure had no application in the 'real world'. A good example for me is from first year chemistry where I remember doing lab reports and having to date and initial entries, and thinking at the time that all this initialing and dating was a useless and overkill. Ironically, it was one of the first habits I had to apply when I started with ICMS. We conduct pesticide magnitude of residue studies using Good Laboratory Practice (GLP) guidelines. These are the experiments that generate the data for food residue limits. Due to the sensitivity of the work, there are national standards and Standard Operating Procedures (SOP's) that have to be complied with. The first year chemistry procedures of dating and initialing are an important part of these real world projects."

In November 2005, Grant accepted a transfer to ICMS's British Columbia office to help with the planned advancement and growth of the BC program. "It's a great opportunity to be able to work in the Fraser and Okanagan Valleys. It will allow me to work with crop such as cranberries, high-bush blueberries, bare-root perennials and potatoes, that I worked with while at the AC Weeds Lab." It will also provide an opportunity to expand his knowledge into new species such as cane crops, vegetables, turf, tree fruits, grapes, ginseng and a range of greenhouse-produced crops.

The experience of working with minor crops in Alberta has encouraged Grant to investigate the economics of bare root perennial production as a personal venture. "I'm starting out with just a couple of hundred plants, but believe that I can grow the business over time. I've noted that, although consumers are not willing to pay much for food items, they are willing to pay a reasonable price for aesthetic items such as bedding plants. It's a type of business that would fit well into my work schedule."

Grant isn't sure where the future may take him, but looks forward to the opportunity to try his hand at a managerial position, build his perennial venture into a sustainable business, and perhaps gain some international agriculture experience.

First International Organic Apple and Pear Symposium

The first International Organic Apple and Pear Symposium will be held February 28th - March 2nd, 2006 in Wolfville, Nova Scotia. The Symposium is organized under the auspices of the Organic Agriculture Centre of Canada,(OACC) a division of the NSAC, and the International Society for Horticultural Science (ISHS), in collaboration with Agriculture and Agri-Food Canada (AAFC), Atlantic Canadian Organic Regional Network and the Nova Scotia Fruit Growers Association.

The three-day symposium consists of scientific exchange (oral and poster sessions), including an excursion to Agriculture and Agri-Food Canada Kentville research facilities, all located within the scenic Annapolis Valley of Nova Scotia.

For more information visit: www.organicapple.ca
or contact: Kathryn Bliss at 902-8937256
or mail to: kbliss@nsac.ca

Please visit our website at:
www.organicapple.ca

ATHLETICS

2005 FALL VARSITY RESULTS

Soccer All-Conference

Elliot Levy

Nikia Stewart

Megan MacLellan

The men's squad failed to make a play-off appearance, but finished the league with close games against other members. The women's squad had a talented group of rookies and finished league play in 3rd. Although losing to Kings in the semi-final, it was a great season for the team

Rugby

The men's team finished the league in 4th place but lost to CBU in the semi. The highlight for the men was the play of rookie standout, Will Shaw. Also a member of the NS Canada Games team in Regina, Will received league honors for the Rams. The women's team had a tough year and narrowly missed the play-offs. Amy Higgins again led the team and was selected to the all-star team.

Basketball

The men's team finished the first half of the season in 6th place with a 3-4 record. Billy McNutt returned to the team after a years absence and along with starters Jon Marchand, Joel Bishop, Darren Marlborough and rookie Tom Vissers, they form a great nucleus for a successful second half. Coach Tom Doucette has also returned after a year away from the bench and along with Coach Donnie MacGregor, expect to see more in the win column for the next three months.

The women's team is starting three rookies and getting great performance from another coming off the bench. Along with returning starters Jess Mitchell and Jill Isenor, rookies Sam Welsh, Kaili Van Vulpen and Danielle Devoe are leading the team in the hunt for a play-off berth. In 6th place (3-4 record) starting the January schedule, a play-off spot is their goal and very attainable.

ACAA's will be hosted by MSVU - March 3-5 , 2006

Volleyball

Both teams are playing at a higher level than last year. The men are led by Dave Milburn and the two Matts - Vair and Settle and start the play-off hunt in 4th place .

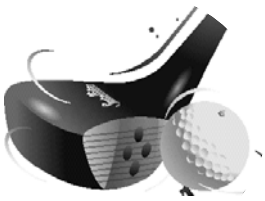
The women have had an excellent start to the year with a 2nd place finish in the Tip-Off Tournament. However league play has been somewhat of a struggle, but more wins are expected with this semester's schedule. Presently in 6th place in the league, the women will be working hard to move to a play-off spot and with the opportunity to participate in the 2006 CCAA Nationals as a host team, will have lots of incentive to improve.

Kayla Ekkel and Amanda Clark block against St. Thomas in the 2005 Tip-off final

Woodsmen

The "wood squad" are off to a flying start having captured first place honors (both the men's and women's A teams) at UNB and SSFC. With the Mac and NSAC meets this semester, they are striving for a perfect season.

Check out web site www.nsac.ca/athletics and www.acaa.ca to see team members and to follow results.



AgriGolf Classic

The 2005 event, was a huge success. Hosted at Amherst Golf Club, the event saw alumni, industry, university and department staff enjoy a great day on the course. Results/Category winners are listed below.

The 10th annual, 2006 event is in the planning stages .

Site: Granite Springs, Bayside NS, *Date*: July 28, 2006

Check our website: **www.nsac.ca/athletics** for more details.

2005 NSAC Agri-Golf Classic

Winning Teams

Business
1. Shur-Gain
2. World Potato Congress
3. Cavendish Agri-Services

Farm
1. Fisher Farms
2. Cornwallis Farms
3. Hillview Farms

Alumni
1. PEI- Steve Watts, Rogers, Leclair, Murray, Thompson
2. MacMillan Alums -Ed MacMillan, Boswall, Allen, Bishop, MacKenzie
3. NB- Brian MacDonald, MacDonald, Snowdon, Moore, Armstrong

Overall
1. Maritime Pride Eggs
2. Shur-Gain Ltd.
3. PEI Watts Alums

Putting Contest
Paul Budgen - EastLink

Closest to the Hole
Allan Parker - World Potato Congress
Dave Hopkins- RBC Royal Bank

Longest Drive
Joan Clark— Mornglow Farm
Charlie Read — -Maritime Pride Eggs

Accuracy
Jed Ritcey-Marchant Mania

Most Honest Team
NSDAF

Festive Craft Market

The 17th Annual Festive Craft Market was held in November 2005. A full slate of exhibitors showed and sold for two busy days. According to Ken Marchant - Market Coordinator, "the quality of crafts and the sales by the vendors were both excellent".

The 2006 - 18th annual event is scheduled for November 18-19, 2006 at the Langille Athletic Centre.

Weed Control, continued from page 15

all about one biological organism interacting with another in a way that isn't harmful to the environment.

It makes good sense for agricultural producers as well. Sampson recently turned his attention to wild-blueberry production — an important economic generator in the Atlantic region. He's lookingfor ways to help producers increase berryyields and, in turn, boost sales. He says the blueberry industry is receptive to turning to nature instead of new chemical solutions. Sampson is relying on work he and a national team of researchers began in the mid-1990s. The team assembled to tackle weed problems faced by the forestry industry and power companies. They were looking for non-chemical methods to keep alders, poplars, maples, and other trees from growing around power lines and right-of-ways.

The challenge was finding an organism that would control the plants without affecting other plants around it. What they needed was a bioherbicide — a biocontrol agent applied to weeds in ways similar to chemically based herbicides. The difference between the two is that the active ingredient in a bioherbicide is a living
organism, commonly a fungus. The researchers discovered that applying a fungus called chondrosterum in a paste form to a tree stump would either kill the tree or limit its growth. The research was picked up by a British Columbia company and now is commercially used along power lines and right-of-ways in B.C. and other provinces.

Since wild-blueberry producers and the forestry industry fight some of the same weeds, Sampson is looking at using the fungus, and other biological solutions, to battle weeds in wildblueberry fields. While it's still in the early stages, the research will likely find a solution that can be marketed commercially. Another troublesome weed plaguing fields and marshy areas is purple loosestrife, a waterloving plant from Europe that was introduced into Canada as an ornamental. When the plant invades an area it spreads, forming dense woody mats; in the process, it chokes out other species, hurting wildlife and biodiversity. In the case of the purple loosestrife, Sampson and his colleagues again turned to nature to find a way to control the noxious weed. Into fields overgrown with the stuff, they released a beetle called Galerucella, which they raised in an NSAC greenhouse. They found that after releasing 300 to 1,000 insects into an affected field, the beetles would start to eat the plants' leaves and flower buds. While they couldn't completely eliminate the weed, they could control it. The goal? "Eventually, to have an ecological balance between the insects and the weeds," says Sampson.

For more information, visit: **www.nsac.ca**

Marketing, continued from page 15

uncrashable aircraft?" The panel's answers were parlayed into a series of marketing messages and interactive web splash pages.

The campaign is significantly longer than NSAC's campaign in the past. The campaign runs from October to March rather than the usual two months in the fall. The campaign is also closely tied to the recruitment team's activities, echoing the team's visiting schedule and geographic priorities.

The campaign includes a multimedia approach that includes:

- Closed captioning ads on television that take advantage of youth viewing (and flipping) patterns
- In-theatre posters on display in concession areas, timed to coincide with the majority of youth-targeted films.
- High school poster advertising, where schools actually sell advertising space in student washrooms for a share of the revenue.
- On-line banner ads for Hotmail users in NS/NB/PEI and Empire Theatre browsers in NS/NB/PEI
- Development of VIC, NSAC's Virtual Interactive Counselor that helps guidance counselors and teachers promote a career in science to their students
- iPod contest that drives prospective students to NSAC's website and helps NSAC connect with prospective students
- Public relations campaign that includes media relations and related events
- Website enhancements to ensure a more youth-focused experience

Early indications are showing a lot of promise for the new approach to student attraction. In the first week of the campaign, 100 students were added to NSAC's prospect list and more than a third requested campus tours. The number of NSAC prospective students has grown by 30 percent over last year and more than half of them want more information on NSAC. NSAC had a record number of students attend this fall's High School Introductory Program on campus. Website traffic alone is up 22 percent over this time last year.

Early indications are showing a lot of promise for the new approach to student attraction.

While it is early to judge full campaign results, NSAC is poised to see an enrollment increase for next academic year.

Please take some time to check out some of the campaign elements at: **www.nsac.ca/marketing**

Organic, continued from page 14

opportunities, Canadian organic producers must develop strategies to farm both successfully and sustainably.

Lynch has already made significant progress in examining crop and livestock systems characteristic of organic agriculture, with an emphasis on system productivity, resource use efficiency and soil quality. In addition, he has contributed to the development of innovative nutrient and crop management practices tailored to organic production.

While organic farmers face many of the same production challenges as other farmers, they must adopt a long-term, integrative approach to the special needs of their farming practice.

As the organic industry grows, claims of benefits with respect to food safety, product quality and environmental integrity are under increasing scrutiny, both nationally and internationally. While organic farmers face many of the same production challenges as other farmers, they must adopt a long-term, integrative approach to the special needs of their farming practice. With support from Lynch's multi-scale, on-farm and station-based research program, they will be able to do just that.

New Poultry Facility, from page 14

poultry under research conditions with state-of-the-art environmental controls and computerized data collection to facilitate good science. New to the university will be a fully functional hatchery for generating research stock and a federally inspected processing facility to support food safety and meat quality research. The current feed mill will be transformed into a nutrition complex capable of large and small batch mixing and commercial-style pelleting of feeds.

"The addition of this state-of-the-art facility to our campus solidifies NSAC's position as a world-class teaching and research institution," said NSAC President Dr. Philip Hicks. "Our students will learn, hands-on, from those scientists creating the knowledge in the exciting field of bioscience. It is truly an exciting day for our university."

Funding for the 3000 square metre Centre has been made possible through funds allocated by the Province of Nova Scotia, the Canada Foundation for Innovation and the Nova Scotia Research & Innovation Trust. Additional funds have been generously provided by the National and Atlantic Feather industries, Atlantic provincial governments and various individual donors.

Dr. Bruce Rathgeber, NSAC poultry researcher initiated the proposal.

"This day has been a long time coming and many people have been involved in ensuring that this research facility has become a reality," said Rathgeber. "I want to especially thank each of the commodity groups within the poultry industry of Atlantic Canada that were able to rally together in support of this initiative. This strong backing of the poultry sector was the key to acquisition of additional funds for this project. This has truly been an Atlantic Canadian effort."

Reginald Gilbert, continued from page 7

culture" and was admitted as the first honorary associate of the college from which he graduated 41 years earlier.

In September of this year, Gilbert and his daughter, Nancy, drove by his old alma mater at the Nova Scotia Agricultural College and were amazed at the changes that have taken place.

"They certainly have quite a campus there. I think when I went there, there were three or four buildings - Cumming Hall, the science building, the dairy building and some farm buildings," he says.

Gilbert attributes mechanization as the main reason agriculture has changed over the years but he says that it has also affected the forestry and fishing industries as well.

"The big fellows are getting bigger because of mechanization and many of the smaller operators are having to get out because they can't finance big tractors, harvesters, sprayers and planters," says the man who spent his 38-year civil servant career in the field of agriculture.

"There is a trend from the rural to the urban centres now because of the development of industry in those centres," he says, attributing it to the pay schedules for jobs in the cities. "Everyone has a car now and the highways are better."

"This is the trend all across the continent, not just here in New Brunswick," he says. "Fewer and fewer farmers are producing more and more of the food. The world needs more food. With the transportation systems that we have now, you can grow it and get it to the right destination quite quickly.

"There is a trend from the rural to the urban centres now because of the development of industry in those centres," he says, attributing it to the pay schedules for jobs in the cities. "Everyone has a car now and the highways are better."

Many of the small farms were self sufficient, growing enough food for the families who worked the land and there wasn't the dependence on the large supermarkets that there is today, he says.

In many cases, says Gilbert, young people are not able to start farming on their own now due to the huge start-up costs of land, buildings, machinery and livestock which could all cost upwards of a million dollars.

The days of coming back to run a small family farm are nearly non-existent, says Gilbert. He is quick to say that young people are still entering the field of agriculture but not many nowadays want to spend 24/7 farming. Young people are studying and returning to large family farms where there are several people involved and there is an opportunity to at least have some weekends off or take a vacation, he explains.

"It's a seven days a week job from daylight to dark," says Gilbert. "The smaller family farms are gradually going out of business."

As an example, he remembers Harvey as a community that was "one of the biggest and one of the best Jersey producing areas in the country and now it is reduced to just a couple of farms."

Gilbert was always interested in the marketing end of agriculture and tried to "get a little more money for the producers. I always thought the producers were underpaid and I did what I could to increase their returns."

He feels the producers are shortchanged at the farm gate because of imports.

"You can grow food so much cheaper (in foreign countries) where the wages are low, the climate is so much better and our frost-free growing season is pretty short," says Gilbert.

"Because of mechanization and modern transportation we are facing more and more competition from outside and we are competing with the world."

Following his retirement in 1973, he continued as chairman of the New Brunswick Natural Products Control Board.

Gilbert has had many accolades throughout his lifetime surrounding his service to agriculture. He was awarded the centennial medal in 1967, made a fellow of the Agricultural Institute of Canada in 1976 and was a recipient of the Queen's 25th anniversary medal in 1977. He was chosen as president of the Canadian Agricultural Hall of Fame Association, the first time that a resident east of Ontario held that position.

In 1982 he was inducted into the Atlantic Agricultural Hall of Fame in Truro, N.S.

On Nov. 11, 1984, Gilbert had his portrait unveiled while being inducted into the Canadian Agricultural Hall of Fame at the Concert Hall of the Royal York Hotel in Toronto.

Gilbert still lives in the home he and his wife, Margaret, built in 1951. They were married in 1942 while Gilbert was working in Moncton. Margaret was a nutritionist. He met her while they were both working with the department of agriculture.

Nancy Gilbert, their only child, returned to the family home to look after her mother who died about five years ago. She remained with her father to assist him in staying in his own home.

Nancy Gilbert followed in her mother's footsteps and became a dietitian/nutritionist, but she says she's pretty well retired now. "I'm very lucky to have her here," says Reginald Gilbert, suggesting that perhaps he would be in a nursing home if his daughter weren't with him. "It's still hard to believe I've been retired for 32 years," he says. "I'm not so active anymore."

In 1994, he was honoured for being involved in curling for 50 years. He still follows curling on television.

He does attend meetings of a group of retired senior agrologists who meet monthly to renew old acquaintances and listen to a guest speaker.

Over the years, he has been a regular attendee of fall fairs in Stanley and Gagetown. He also enjoys rides through the country to see the changing face of agriculture in rural areas.

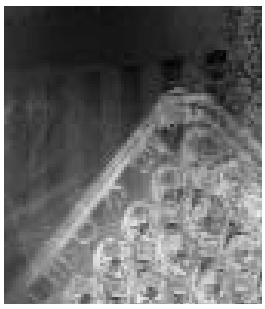
Although recovering from a recent surgery, Gilbert maintains a keen interest in his surroundings but expects "the winter months will keep me pretty well anchored to my home."

Looking back over his life, he says he wouldn't have done a thing differently.

"I was very happy in my work and I would try to do the same thing," he says. "I enjoyed the people and I enjoyed the work."

(by Brenda MacMlinn For The Daily Gleaner)

Toward the Next 100 Years continued from page 11



International

To ensure that students and staff are provided with the tools to become leaders in a globalized food system through a combination of international projects, mobility programs, international curriculum and an increased international student population.

Success highlights include:

1. Increased international student population: September 2005 saw 28 students from other countries studying on campus, including graduate students. This included two students from Fujian Agricultural and Forestry University (FAFU) in China, the first group of our formal linkage with that institution in which students study for two years in China then complete the B.Sc.(Agr) degree at NSAC. Seven more students from FAFU are expected for the winter semester.

Future international student recruitment will be facilitated by the Memoranda of Understanding which have been signed by NSAC and academic institutions in Korea, Taiwan and Japan.

Future international student recruitment will be facilitated by the Memoranda of Understanding which have been signed by NSAC and academic institutions in Korea, Taiwan and Japan. NSAC also has a number of MOU's with universities in Europe and will concentrate on developing these links further. At present NSAC is exploring linkage opportunities with Dronten University in The Netherlands.

2. Mobility Programs: Increased student involvement in international development opportunities overseas with the implementation of the North American Mobility Project and other student exchange programs as part of MOU's with other institutions.

3. International Curriculum: Two new special topics courses in international development have been added to the NSAC calendar. These allow a student to develop a specific course of study to integrate their knowledge of agriculture with international development issues. A student may use travel or study abroad as the focus, and several students will utilize this option as part of the upcoming Cuba AgroEcosystems Study Tour.

4. Campus internationalization has been enhanced by a number of on-campus seminars and workshops by NSAC faculty and staff and presenters from other universities

5. Creation of an International Student Coordinator position with the aim of improving services and recruitment for international students.

Future project planning will include more emphasis on international research opportunities. The funding obtained via the Growing Global Science and Technology Program by Dr. V.Rupasinghe to link with tree fruit researchers in Japan is a model for such activity. Links with other universities, private companies and non-governmental organizations will be emphasized as we seek funding opportunities both for projects and for research.

Academic Programs

To best utilize our expertise and resources to achieve excellence in the development and delivery of high quality academic programs at appropriate levels in response to market demand.

Success highlights include:

1. NSAC approved a formal Academic Plan in August 2004 that will be updated every two years. The Plan provides a comprehensive summary of NSAC's commitment to high quality academic programming in agriculture, environment and the related arts and sciences, and includes guidelines for new program development and approval, and ongoing review of existing programs.

The Bachelor of Technology (Applied Science) ensures students who want to become technology education teachers can access a high quality program in this part of the country.

2. NSAC launched a new undergraduate degree program for students who want to become technology education teachers. The Bachelor of Technology (Applied Science) began accepting students this past September. Part of the program,s draw is that it is the only degree of its kind east of British Columbia, making it an important resource for Atlantic Canadian students. The program ensures students who want to become technology education teachers can access a high quality program in this part of the country.

The NSAC is offering, beginning in the Fall of 2006, a brand new two-year Technology Diploma in Enterprise Management.

3. The NSAC is offering, beginning in the Fall of 2006, a brand new two-year Technology Diploma in Enterprise Management with five specialities: dairy farm, equine, companion animal, food retail and farming. This business program will help prepare students for a career in marketing, sales, or service.

4. Other program options under investigation include a new Business & Social Science Stream in the Master of Science program, a Bachelor of Technology in Management, a Bachelor of Arts in Rural Studies, a Bachelor of Management, several Bachelor of Science streams, and a Ph.D program.

Eric Meek continued from page 19

In 1966, Eric was a founding member of the Nova Scotia Chicken Marketing Board. He was a strong voice of the province's chicken farmers and served diligently on the Board for 24 years.

Federation of Agriculture. Later he served on many committees and boards including the Pea and Bean Marketing Board, Potato Marketing Board, Vegetable, Potato Producers Association and the Farm Labor Committee.

In 1966, Eric was a founding member of the Nova Scotia Chicken Marketing Board. He was a strong voice of the province's chicken farmers and served diligently on the Board for 24 years, 11 as Chairman.

A longtime advocate of producer-controlled marketing of farm products, Eric assumed the chairmanship of the Canadian Broiler Council at a time when an effort was being made to establish a national system of production and marketing management for chicken in Canada. In 1977, he spent much of his time traveling across Canada promoting the formation of a National Chicken Agency. His hard work and determination paid off when the Canadian Chicken Marketing Agency (now Chicken Farmers of Canada) was formed in 1978. As testament to his leadership, Eric was elected as the first Chairman.

Eric also stayed involved in the local chicken industry and served as President of ACA Co-operative Board of Directors in 1956 and again from 1977-1988. He continued to serve the industry on this Board, retiring in 2003. He was elected to the Co-op Atlantic Board of Directors in 1990 and served nine years, two of those as president.

In 2004, Eric was recognized as one of the top 50 most influential people in the Canadian poultry industry by the Canadian Poultry Magazine.

Richard Melanson continued from page 19

Equipment Ltd. Business flourished and in 1963 Dick took the plunge and formed his own company Maritime Farm Supply to represent the existing suppliers in the territory.

In the beginning, he sold Bolens Garden Equipment, Merry Tillers and Brillion Iron Works. Dick, always looking out for the small farmers, taught them how to irrigate their farms to improve their crops. He brought in new, innovative equipment like transplanters, mulch laying and specialized application equipment to help farmers improve ways of planting crops. Dick also had a keen interest in the farm woodlots and introduced Farm winches and log loaders for the small operations.

One of Dick's favorite accomplishments was to lay the foundation for the creation of the Atlantic Farm Mechanization Show. With several other engineers in the Atlantic Provinces, he organized the first show to be held in Moncton in 1975. It was a great success with some 40 exhibitors for a three day show. The show recently celebrated its 30th year of operation and has grown to five times the size. Dick was instrumental in the incorporation of the show in the mid 1980s. He always attended the hectic organizational meetings and strived to promote innovation.

He always said one of the special joys and responsibilities of being a part of a vital industry is to seek and demonstrate new solutions for that industry.

Dick was an Agricultural Engineer by profession and a farm machinery man at heart and over his career acquired and provided special equipment lines to meet specific needs in the industry. He always said one of the special joys and responsibilities of being a part of a vital industry is to seek and demonstrate new solutions for that industry. To this end, Dick always consulted with others and through the Farm Equipment Wholesalers Association worked to make life for farmers better. Dick has returned to NSAC on occasion to be a guest lecturer, usually on the subject of irrigation.

Wally Wood continued from page 19

Grand Champion or Reserve at both the Royal Winter Fair and the National Dairy Show at Madison, Wisconsin, for five consecutive years. Well known for his judging ability, Wally had the opportunity to judge many major Fairs across Canada, including the Royal Winter Fair in 1985. Over time emphasis changed from Ayrshires to Holsteins which continues today with the involvement of Wally`s son Bruce. Recognized as a leader in the Prince Edward Hall of Fame

Island Agricultural Community, in 1968, Wally chaired the Founding Committee, and became the first chair of the PEI Soil and Crop Improvement Association. In 1972-73 he assumed the Presidency of the PEI Federation of Agriculture and during this term became a leading advocate for the building of the Farm Centre, overseeing this project to completion.

He was chair of the co-ordinating committee that founded the PEI Dairy Producers Association, a forerunner to Milk Marketing Board. He was a leading advocate and charter member of the School Milk Program and served as chair of the PEI Provincial Exhibition and the PEI Marketing Council. Wally`s keen interest in animal genetics led to a new challenge in the 1970's, that of breeding Standardbred Horses. An adjoining farm was purchased and became known as Woodmere Standardbreds. Retiring from the dairy operation in 1990, he has since devoted his time to Standardbred Breeding and continues to make a significant impact on the Racing Industry in the Maritimes. He was a charter Member of the Maritime Provinces Harness Racing Commission, the first President of the PEI Harness Racing Industry Association and a Breeder Director of Standardbred Canada. An active community member, Wally was a local school trustee, elected to the first Regional School Board, a charter member of the Marshfield Pioneer Cemetery Committee who authored, produced and published the first comprehensive history of the community, Marshfield and Area - A Grand Legacy. He is a long time member of the United Church of Canada.

Wally's keen interest in animal genetics led to a new challenge in the 1970's, that of breeding Standardbred Horses.

In Memorium

A memorial gift is a wonderful tribute to acknowledge the passing of a friend, classmate or loved one. Please consider NSAC as the recipient of your memorial gift. Gifts can be made to a specific designation or left to the area of the university's greatest need. The Development Office will notify the family upon receipt of the gift.

Memorial cards are available from the Development Office. Please contact the Development office for additional information at (902) 893-6721.

Mrs. Heidi Woodworth	1994
Mr. Peter D. Archibald	1979
Mr. William F. Rawlinson	1975
Mr. Donald W. Scothorn	1971
Mr. Rollie Hayman	1964
Dr. Robert W. Perry, DVM	1962
Mr. J. E. Hynes	1962
Mr. Albert B. Legge	1960
Mr. Donald MacIntyre	1960
Mr. Kenneth J. Canavan	1959
Ms. Ludmilla Jankov	1959
Mr. Darrell W. Lyle	1959
Mr. Dale Cunningham	1959
Mr. G. Keiller Shea	1958
Mr. Allister R. Marshall	1955
Mr. Robert G. Blacklock	1953
Mr. Walter Schaad	1953
Mr. Richard E. Wagner	1948
Dr. Kenwood W. Trenholm	1948
Mr. Don Palfrey	1947
Mr. Augustine J. Hutchings	1947
Mr. Earle H. King	1946
Mr. Keith Russell	1946
Mr. Lloyd P. Jackson	1946
Mr. Kenneth A. Holmes, Sr.	1938
Dr. Jim Wright	1936
Mr. Claude E. Thompson	1933
Mr. Vincent T. Doucette	1922
Mr. James W. Robertson	1922

Howard Morry continued from page 19

Mr. Morry was President of the Sheep Producers Association of Newfoundland and Labrador (SPANL) from 1994-2000 and from 2002-2005. Under his leadership the Association developed a sheep strategy for the province to further develop the industry. His countless hours of work on this were done without monetary compensation but with the satisfaction of knowing that the strategy would help all sheep farmers. Mr. Morry has ensured that training has been available for all sheep farmers. He has overseen seminars on lambing, flock health, coyote prevention and control, secondary processing and many other topics with serious implications for the advancement of the industry. In his tenure as President, the Association has achieved financial stability and membership has increased dramatically. Mr. Morry is recognized as the voice of the small farmer and he is constantly battling for the rights of the small producer whether it is sheep or another commodity.

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Mr. Morry has worked and continues to work, with industry on the preservation and conservation of Newfoundland Local Sheep. He is asked by industry to work on registration and tattooing of animals and undertakes this work without hesitation or compensation. He has been on the Newfoundland Local Sheep Steering Committee since its inception in 1990. His knowledge of the history of this unique animal is valued by all who are interested in the preservation of Newfoundland heritage.
Howard has worked tirelessly with government to deal with the threat that coyotes pose to the sheep industry. He devotes many hours of volunteer time to the Coyote Control Committee.

Mr. Morry has been a valuable source of information and advice to new farmers, government and industry. He is respected for his tireless work for the sheep industry as well as his honest and straightforward views. His industry presentations at the Newfoundland and Labrador Federation of Agriculture Annual General Meetings are often the highlight for observers. He is known for speaking from the heart and is appreciative of any efforts farmers, government or individuals make to help his industry.

University Day 2006

Friday March 3rd, 2006

An Open House for Prospective Students

Join us March 3rd, 2006 for our annual University Day. It's a day long introduction and orientation to NSAC in which interested students participate in an expo highlighting NSAC programs, athletics and services. Here you can meet with future classmates and take part in program activities. If you are aware of any students who may be interested in the NSAC please refer them to the NSAC website at: **www.nsac.ca**

Please Register by Monday February 27th, 2006

Look Who's Talking

Ted MacNintch—Class of 1956

At NSAC I came out of my shell and became very involved in a considerable number of college activities and learned skills that I have put to good use ever since.

This summer you will celebrate your 50th class reunion. What memories does this bring back of your College days?

It brings back memories of my association with a fine institution and my unique, lifelong friendships with a great group of people and their spouses–friendships that I renew every year through mini reunions. It reminds me of the warmth and sincerity of the Nova Scotia people, that my blood is Maritime (and Nova Scotian) and that the unequivocal, pivotal point in my career was my decision to attend NSAC. It reminds me of what NSAC and its professors did for me, not only with respect to education, but also with respect to personal growth and development. At Moncton High School I was not involved in any activities. At NSAC I came out of my shell and became very involved in a considerable number of college activities and learned skills that I have put to good use ever since.

What do you see as the most significant and positive changes in the NSAC since you were a student?

I see growth and expansion into other areas, such as fisheries, for instance, as very significant. I also view involvement in the international arena as a very positive change also. I watched NSAC grow with satisfaction after seeing another Alma Mater of mine, Macdonald College, lag far behind the former OAC, which was once on a par with Macdonald College, but blossomed into the University of Guelph.

Although some view the expansion of NSAC into a four-year, degree-granting institution as a mistake in view of the many other Maritime universities in a relatively lightly-populated area, I disagree. I think that this approach is invaluable for the research opportunities and funding that it has brought to the college and I believe that this will be an important factor in the diversification of NSAC in the future.

How did your time at NSAC influence your career path and subsequent success?

My time at NSAC introduced many new opportunities to me–opportunities that I never knew existed. Like many college students in their freshman and sophomore years who are faced with the dilemma of what career path to choose, I was amazed at the number of career paths open to me after completion of my general studies.

The optimal ratio of students to faculty members allowed me the opportunity to interact on a personal level with professors and to seek their advice. This was very rewarding experience. In High School and in grade 13, chemistry was one of my poorer subjects; under Professor Win Langille it became one of my best. Dr Donald Beeler, who was a chemistry lab instructor at the time, was and remains to this day, a valuable friend and mentor who was responsible for my pursuit of doctoral studies at Purdue University. And Professor Parker Cox, my English professor, gave me invaluable instruction on English composition. The ability to express myself with facility in the English language, the importance of which cannot be overemphasized, is a tool that I have found most invaluable throughout my career. Throughout my career, I have always been amazed at the number of scientists who cannot express themselves clearly, concisely and without ambiguity.

The optimal ratio of students to faculty members allowed me the opportunity to interact on a personal level with professors and to seek their advice. This was very rewarding experience.

Furthermore, many students, including me, never understood the intricacies of all the mathematics to which we were subjected at NSAC. I learned from Professor Roy Stevenson how to simplify complex mathmatical equations, which taught me in later life how to attack life's problems, professional and personal, through simplification by initial removal of the peripheral dross, which allowed focus on the issue at hand.

My extra curricular activities, especially my involvement in the college debating society and my tenure as president of the student's council, taught me valuable lessons in how to speak in public, how to organize and conduct meetings and how to work with people in achieving goals. Lessons learned came into play in developing and directing an avant guard corporate scientific Information department

Continued on next page

Look Who's Talking Continued from previous page

in an international pharmaceutical company after a seven year tenure as a senior cardiovascular scientist involved in atherosclerosis research in the lab. These abilities helped me to prosper for 30 years in the highly competitive pharmaceutical arena and to survive the major merger of Squibb with Bristol-Myers when duplicate administrative functions were in competition.

In addition, the opportunity to pursue related summer employment on campus in my area of choice, which was chemistry, was important both from a professional and a financial standpoint. My on-the-job training in analytical chemistry in the labs of the Nova Scotia Research Foundation under Win Langille was invaluable, especially with respect to thinking analytically and applying methodical approaches to problems.

The year 2005 was the centennial anniversary of the NSAC. What are your hopes for your alma mater for the next 100 years?

I would hope that NSAC will continue to grow as it has and diversify to a greater extent. I would like to see it diversify and include areas beyond that of traditional agriculture or tangential to it. I believe that NSAC should continue to identify and pursue unique areas not covered, or not covered well, by the relative plethora of other Maritime universities, or by other Canadian agricultural colleges.

I believe that NSAC should continue to identify and pursue unique areas not covered by other universities.

I also believe that the international outreach aspects of NSAC's thrust should be expanded. I would hope that NSAC's administration would be interacting with the faculty of American Agricultural colleges and universities to analyze their visions and mission statements for new approaches to the common challenge of the ever-diminishing number of family farms, the drying up of government funding of agriculture at the expense of such areas as healthcare and the increasing number of large farming operations in order to identify new areas of diversity.

As for the class of 1956 and the state of world affairs, what is now and what was then, not only have we lived through the best of it; we're getting out just in time.

Biography

Ted MacNintch is a native of Moncton New Brunswick with strong Nova Scotia family roots. After being graduated from NSAC, he was graduated from Macdonald College in 1958, after which he worked for the Nova Scotia Research Foundation under Win Langille for two years. He then attended Purdue University where he received M.S. and Ph.D. degrees in medical biochemistry. He then accepted a post doctoral appointment at the Bowman Gray School of Medicine in Winston Salem, North Carolina where he completed a cardiovascular training program and conducted research on a National Institute of Health fellowship.

After University, Dr. MacNintch accepted a position as senior scientist for Bristol Laboratories in Syracuse where he conducted research in the atherosclerosis area. After seven years in the laboratory, he became Corporate Director of Scientific Information for Bristol-Myers where was responsible for scientific current awareness, literature searching and library services as well as patent searching support to the Research and Legal Divisions, moving to Connecticut in 1986. He retired in 1997 after 30 years of service.

Ted is married to the former Joan Ann Nugent of Moncton, and has two sons, Michael and Sean. He currently resides in Old Saybrook, CT in the winters and in the Thousand Islands in the summers where he writes and kayaks for exercise. He has just completed a novel involving the Great War odyssey of a Nova Scotian family, entitled *The Road of No Return*, based partially on the experiences of five of his relatives in the First World War. He is in the process of having it published.

Look Who's Talking is a regular feature of Agricola News. Each issue an alumnus discusses his or her thoughts on various topics relevant to the NSAC.

How many NSAC graduates work in your office or business?

Do you rally around the water cooler to talk about good times at NSAC?

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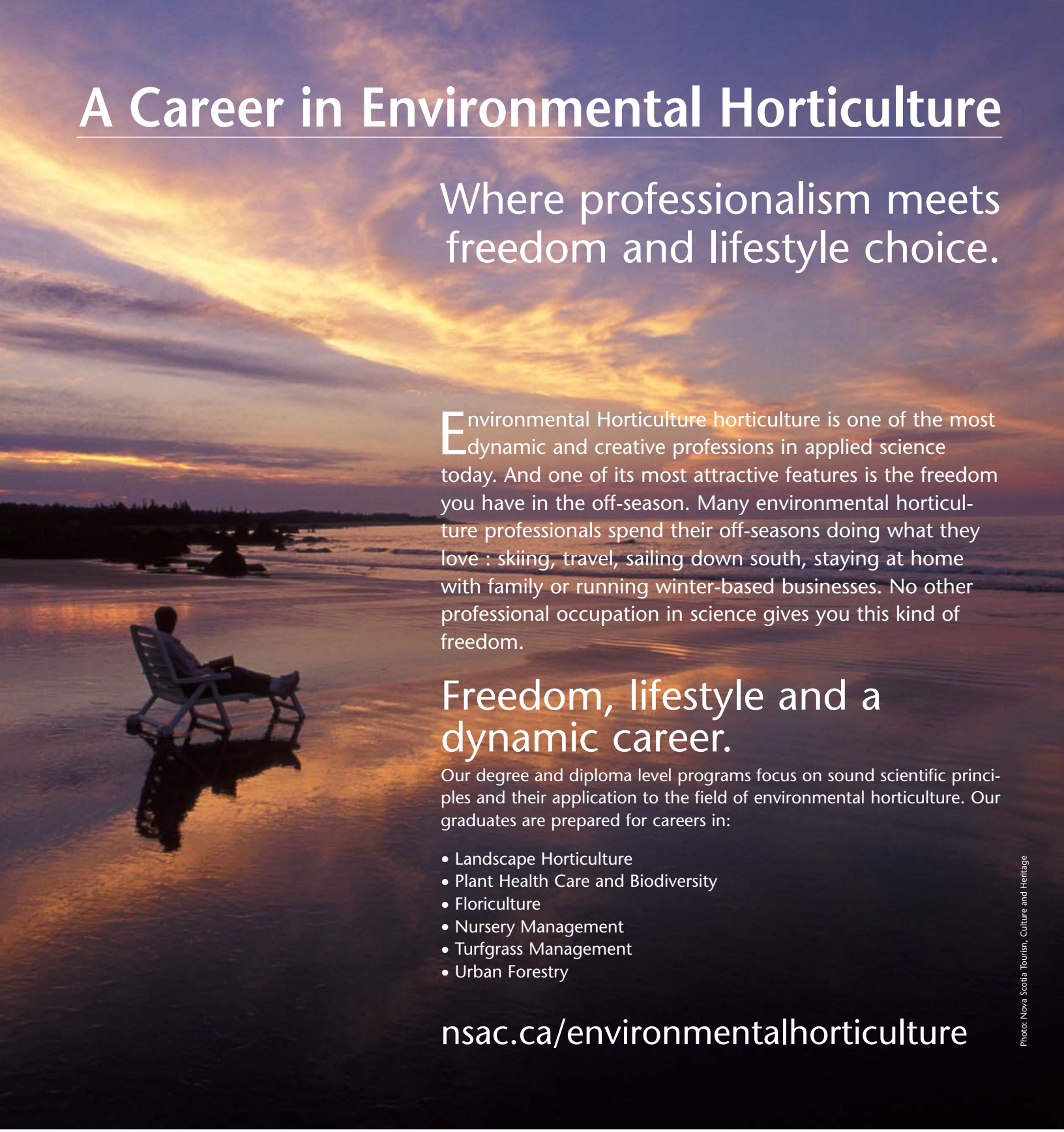

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