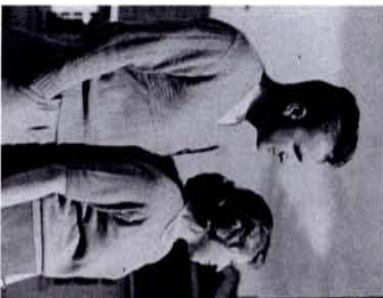




Faculty of Land and Food Systems  
Grounded in Science | Global in Scope



THE UNIVERSITY OF BRITISH COLUMBIA  
**FACULTY OF AGRICULTURE**  
DOMESTIC ANIMAL UNITS &  
LABORATORIES FOR TEACHING & RESEARCH

VISITING HOURS ON SUNDAY  
9 A.M. TO 11 A.M.  
3:30 P.M. TO 5:30 P.M.

Please Park in Area Provided North of Dairy Barn.  
INTERFERENCE WITH ANIMALS, BUILDINGS OR EQUIPMENT  
WILL NOT BE PERMITTED

LFS Centenary Awards  
Friday, May 23, 2008  
5:30pm

Thank you for joining us at the Faculty of Land and Food Systems Centenary Awards.

As one of UBC's three founding Faculties, the Faculty of Land and Food Systems has played a very important role in the development of the University. Over the past 100 years, we have seen many changes. When the first students enrolled in the Faculty of Agriculture in 1917, for



example, we had four departments: Agronomy, Animal Husbandry, Horticulture and Poultry Husbandry. Today, we have 11 research centres and groups that are addressing some of the most critical issues the world is now facing - everything from food security to climate change to human health.

It's important for us to remember and honour where we came from and the people who helped us get to this point. It's our past after all, that has laid the foundation for where we are today and where we're going in the future.

A lot of people have helped shape our Faculty over the years. Tonight, we are delighted to honour the outstanding contributions of 9 faculty members, 9 staff and 9 alumni who have all, at one time or another, made their mark on our Faculty.

On behalf of the Faculty of Land and Food Systems, I'd like to congratulate all of our award recipients.

Dr. Murray B. Isman, Dean  
Faculty of Land and Food Systems  
The University of British Columbia

## Faculty Founders



Alden Barrass



Everton Lloyd



Frank Buck



Frederick Clement



George Moe



Harry King



Leonard Klinck



Paul Bovring



Wilfred Sadler

1908: BC legislature proclaimed the University Act. The University of British Columbia founded.

1914: Dr L.S. Klinck appointed Dean of Agriculture.

1915: UBC opens with three faculties: Arts and Science, Applied Science, and Agriculture.



1916: UBC Botanical Garden created.

1917: First students enrolled.

The Faculty had four departments: Agronomy, Animal Husbandry, Horticulture and Poultry Husbandry.

1919: Dean Klinck becomes UBC President. F. M. Clement appointed Dean of Agriculture.

1919: Department of Dairying established.

1931: Home Economics degree course introduced.

1940: Department of Agricultural Economics launched.



1949: Dr. Blythe Eagles appointed Dean.

1955: Faculty reorganized into departments of Agricultural Economics, Agricultural Mechanics, Animal Science, Plant Science, Poultry Science and Soil Science.

1967: Construction of H R MacMillan building completed.

1967: Dr. Michael Shaw appointed Dean.

1968: Department of Food Science established.

1969: Faculty name changed to Agricultural Sciences.

1975: Dr. Warren Kitts appointed Dean.

1980: Landscape Architecture program started.

1982: Quail Genetic Stock Centre founded.

1984: Prof. Beryl March appointed Acting Dean.



1985: Dr. James Richards appointed Dean.

UBC Botanical Gardens now part of Faculty.

Poultry facilities consolidated at new Poultry Science Centre (later renamed the Avian Research Centre).

1986: Animal Science and Poultry Science combined to form Department of Animal Science.



1987: Aquaculture program launched.

1992: The School of Family and Nutritional Sciences becomes part of the Faculty.

1995: UBC transferred dairy herd to Agriculture and Agri-Food Canada in Agassiz.

1997: Prof. Moura Quayle appointed Dean.

Animal Welfare program started.

1999: Wine Research Centre established.

Four new undergraduate programs introduced: Agroecology, Food, Nutrition and Health, Global Resource Systems and Environmental Design



2000: UBC Farm created (later renamed The Centre for Sustainable Food Systems at UBC Farm).

2005: Faculty name changed to the Faculty of Land and Food Systems.

Dr. Murray B. Isman appointed Dean.

Centre for Aquaculture and Environmental Research (with DFO) established.

Two new degrees established: Integrated Studies in Land & Food Systems and Master of Food Science introduced.





## Vision

Grounded in science, the Faculty is a leader in integrated research and education that addresses global issues surrounding health and sustainable land and food systems.

## Mission

The UBC Faculty of Land and Food Systems uses student-centered learning to educate new generations of scientists equipped to solve the most fundamental issues faced by society—those focused around human health, a sustainable food supply and the responsible use of finite land and water resources.

## LFS Awards Recipients

In recognition of 9 decades of research and education excellence, the Faculty of Land and Food Systems is pleased to honour the outstanding contributions of 9 faculty members, 9 staff and 9 alumni.

Congratulations to:

### Faculty

**Dr. Jacob Biely** was a prominent figure in the Department of Poultry Husbandry (later Poultry Science) at UBC for almost 60 years – 16 of which he served as Head of Department. Having authored nearly 250 papers on topics related to nutrition and diseases of poultry, Dr. Biely is recognized nationally for his excellence in research and teaching. He was awarded an honorary Doctor of Science degree in recognition of his achievements.

**Dr. Frank Buck** came to UBC as an Ornamental Horticulture specialist in 1920. Not only did he concentrate on teaching and research, he also took on the challenge of shaping the future of the Point Gray Campus. In 1946, Dr. Buck was appointed Supervisor of Campus Development. He was awarded an Honorary Doctor of Science Degree in 1953. Dr. Buck was later honoured with a memorial during his lifetime in tribute to his work as the University Landscape Architect.

**Dr. Blythe Eagles**, a UBC Alumnus and an Honorary Doctor of Science, believed in the value of disseminating information beyond the strict confines of the campus. He held firm to that belief throughout his tenures as Head of Department of Dairying (1936–1955) and Dean of Agriculture. In addition to his academic contributions, Dr. Eagles is best remembered for hosting social occasions that fostered new and lasting acquaintances amongst faculty members and students.

**Dr. David Fraser** is a recent appointee to the Order of Canada. A southern Ontario boy fascinated by animals, Dr. Fraser went on to specialize in animal welfare and behaviour. In 2004–2005, he served as the Visiting Expert on Animal Welfare at the United Nations Food and Agriculture Organization in Rome. His popularity with students and off campus communities is evident in his busy lecture schedule: Dr. Fraser often logs 100,000 km per year in lecture trips.

**Dr. Leonard Klinck** was the first Dean of Agriculture from 1914 to 1919. He was responsible for the organization and development of the Faculty. In June 1919, Dr. Klinck accepted the responsibilities of the Office of the President of the University. For 25 years, he led the University to a leading position in the intellectual life of BC. Upon his retirement in 1944, he was bestowed a degree never before conferred by the University – Doctor of Science, honoris causa maximi

**Dr. Beryl March** is internationally renowned for her research in nutrition and physiology. She joined the Department of Poultry Husbandry in 1947. During 1984-1985, she served as Acting Dean of the Faculty. After her retirement, Dr. March continued to be active with teaching and research in the Department of Animal Science. In recognition of her accomplishments, Dr. March was awarded the Honourary Doctor of Science degree in 1988.

**Dr. Shuryo Nakai** came to UBC in 1966 as an Assistant Professor of Food Science. Dr. Nakai was one of the original members when the Department of Food Science was formed in 1968. A protein chemist specializing in milk proteins, he became acknowledged internationally as an outstanding food scientist, making a significant contribution to his field. In recognition of the excellence in his research, the University awarded him the Killam Research Prize, the University's most prestigious research award, in 1986.

**Dr. John Neill** was highly regarded for his contributions to the academic programs in the Faculty and for laying the foundations for the beautiful campus grounds. He joined UBC in 1948 as an Assistant Professor in the Department of Horticulture and took on the added responsibility as the university's Director of Landscaping and Supervisor of Campus Development. His projects included the Nitobe Japanese Garden, the Rose Garden and various sections of the Botanical Garden.

**Dr. Michael Shaw** came to UBC as Dean of the Faculty of Agriculture in 1967. He was later appointed the university's vice president in 1975. Under his leadership, the Faculty experienced considerable growth and development. Dr. Shaw has received many prestigious honours and distinctions, including the Honorary DSc degrees from McGill University (his alma mater) and from UBC, and the Flavell Medal, the highest award for research and achievements in the biological sciences from the Royal Society of Canada.

## Staff

**John Davidson** dedicated 32 years of his life to UBC. He was the founder of the UBC Botanical Garden and served as its first director. Mr. Davidson was a self-taught botanist. He arrived in Vancouver in 1911 from Aberdeen, Scotland, to take on the challenge of establishing the Botanical Garden and herbarium of native plants. He developed an ambitious plan for the garden, with education as its main function. Mr. Davidson retired in 1948.

**Nelson Dinn** grew up on a dairy farm in Agassiz, BC. He earned his BSc (Agr) with a major in Animal Science in 1993 and an MSc (Ruminant Nutrition) in 1996 from UBC. After his MSc, he joined UBC as a technician and later returned to his home town in Agassiz to manage the newly formed UBC Dairy Education and Research Centre. His efforts have helped develop the Dairy Centre into one of Canada's largest and most up-to-date research facilities.

**Gay Huchelega** served in the Faculty of Agricultural Sciences for 26 years. She joined the Faculty as a Secretary in the Department of Animal Science and became the Assistant to the Dean in 1978. Gay was a highly dedicated employee who handled multiple, complex tasks and was willing to take on any job without complaint. A stickler for detail and procedure, she was praised for her concern for people and generosity of spirit. Gay was awarded the President's Service Award for Excellence in 1992, which recognizes excellence in personal achievement and outstanding contribution to the University.

**Dr. Maureen Kent** received her BSA in poultry genetics in 1964, an MSc in zoology and genetics with Dr. David Suzuki in 1966 and a PhD in interdisciplinary Studies in 1992. Dr. Kent directed the Faculty's Interior Program of satellite outreach programs around the province in the 1980s. Her passion was to foster a distributed learning approach in the curriculum, in which on-line learning resources can be used both independently and complementary to classroom interaction. From 1998 until her retirement Maureen developed and directed the Faculty's Learning Centre.

**JC "Barney" MacGregor** joined the Department of Animal Husbandry in 1954 as Dairy Cattle Herdsman. He later became Farm Manager, and further developed the renowned UBC herds of Ayrshire and Holstein cattle with Dr. Jack Berry. In 1973, he took over the supervision of the new UBC Dairy Cattle Unit on South Campus, a facility he had helped design. Barney worked closely with producers and became associated with many Dairy Cattle Clubs and Societies including the Pacific National Exhibition. The Student Award – the JC "Barney" MacGregor Prize – was instituted in his memory for his dedication and devotion to students.

**David Tarrant** began his 35-year career at the UBC Botanical Garden in 1969. He served as the Education Coordinator and later the Public Relations and Program Coordinator for the Botanical Gardens Centre for Plant Research until his retirement in 2007. He played a central role in building the volunteer group "Friends of the Gardens." Mr. Tarrant was part of the CBC-TV series "The Canadian Gardener," one of his many initiatives in building national awareness of the gardens and UBC.

**Roxana Quinde** joined the Faculty in January 2000 as the Coordinator for Global Partnerships. Within 4 years, she was recognized for outstanding service by the Faculty and received the Shynkaryk Service Award in 2004. Ms. Quinde's effort to support the development of the GRS program has brought international recognition to UBC through her interactions with other campuses. She is a pillar of support for the Faculty's international and exchange students, and international visitors to UBC.

**Sherman Yee** dedicated more than 30 years of service to the Food Science Program. His outstanding service was recognized in 2000 when he was awarded the Shynkaryk Service Award. On a daily basis, Yee recycled materials used in experiments, used UBC's chemical conservation programs, and managed hazardous materials safely. He also received the President's Environmental Award in 2001 in recognition of his efforts to take care of little things that add up to one big environmental achievement.

**John Young** transported Ayrshires from Scotland to UBC and worked with the UBC Faculty of Agriculture for more than two decades, working both as herdsman in the Department of Animal Husbandry and as manager of the UBC Farm. His cows were the recipients of numerous awards over the years, including 'Supreme Champion of the Ayrshire Breed' (Ochilltree 1929) and 'Grand Female Champion' (Vancouver Exhibition 1934). John is also known for the role he played in saving the UBC Farm from closure during the Great Depression of the 1930s.

## Alumni

**Dr. Vernon (Bert) Brink** received his BSA (Agronomy) in 1934 and an MSc in 1936 from UBC. He returned to UBC in 1939 as an assistant in the Department of Agronomy and was promoted to Associate Professor in 1946. Dr. Brink became Chair of the newly formed Division of Plant Science in 1955. Bert was involved in many significant BC conservation initiatives through the years including protecting Burns Bog and driving the growth of the provincial parks system. In recognition of his many achievements, he received the Order of Canada and the Order of British Columbia. In 1994, he was conferred an honorary Doctor of Science.

**Donald Clandinin** graduated with a BSA in 1936 and an MSc in Poultry Genetics in 1937 from UBC, followed by a PhD in Biochemistry and Poultry Nutrition from the University of Wisconsin in 1948. He taught at the University of Alberta and was recognized as an outstanding teacher of poultry science. Dr. Clandinin was awarded the Outstanding Achievement Award by the Government of Alberta, the Queen's Silver Jubilee Medal and the Canola Research Award. In 1981, he received the Earle Willard McHenry Award in recognition of distinguished service to the field of nutrition that cited the significance of the contributions he made over 40 years in the area of poultry nutrition.

**Mills Clarke** became a student of Agriculture at UBC in 1931. He earned his Bachelor of Agriculture in 1935 and his MSc degree in 1937. In May of the same year, Mr. Clarke began a long, distinguished career with the Canada Department of Agriculture of the Agassiz Experimental Farm. He was Director of the Agassiz Experimental Farm from 1953–1972. Mr. Clarke also represented Canada on UN Food and Agriculture Organization committees.

**Wendy Holm** arrived at UBC in 1974 to pursue her MSc in Agricultural Economics. She is widely recognized for her work as a resource economist and an advisor on land and water use and on international trade and competitiveness. As Senior Project Officer, Cuba, with the International Centre for Sustainable Cities, Vancouver, Wendy is responsible for development and management of projects in Cuba and for fundraising, networking and presentations. She has also been involved in several agricultural development projects in collaboration with the Cuban Ministry of Agriculture. She has received the Queen's Jubilee medal, Queen's Commemorative Medal and the BC Government award for excellence in community programming.

**Arthur Laing**, a UBC Alumnus, was a highly regarded public servant as a School Board Trustee, the leader of the BC Liberal Party, an MP and a Senator. Arthur had a long political career and served under three Prime Ministers. Appreciation for his contribution to our country is evidenced in the many dedications, including "The Arthur Laing Bridge" connecting Vancouver and Richmond; "The Arthur Laing Building" in Yellowknife, NWT; "The Arthur Laing Peninsula" on Ellesmere Island; and "The Arthur Laing Peak" in Yukon.

**Tong Louie** born to an immigrant Chinese family, Tong Louie graduated with a BSc degree in agriculture in 1938. One of the Faculty's most prominent alumni, he was chairman and CEO of H.Y. Louie Co. and London Drugs, and vice-chairman of IGA Canada. Tong Louie maintained close connections with UBC throughout his life. In 1990, he was awarded an honorary Doctor of Laws degree for his outstanding achievements in business and community service. He received many awards through the years, including the Order of Canada in 1989, and he served on boards for numerous organizations including the United Way and the Vancouver Symphony.

**Leonard Marchand** was the first Aboriginal to be appointed Assistant to the Minister of Citizenship and Immigration and the first Aboriginal ever elected to the House of Commons. Throughout his long political career, Leonard helped to push forward legislation that had a tremendous impact on aboriginal peoples including the National Housing Act in 1968, which led to improved housing for thousands of First Nations families. He served as a Parliamentary Secretary in several ministries, as Minister of State for Small Business and Minister of the Environment. A recipient of the Order of Canada, Leonard also received an Honorary Doctor of Law degree from the University College of the Cariboo.

**Sir James Fitz-Allen Mitchell** was born in St. Vincent and the Grenadines, a Caribbean country within the Commonwealth of Nations. He obtained his degree of BSc (Agr) with a major in Plant Science from UBC in 1955. In 1965, he returned to his birthplace to work as an agricultural research officer. Later, Mr. Mitchell entered politics and became Premier of St. Vincent and the Grenadines from 1972-1974 and Prime Minister from 1984-2000. One of the longest serving prime ministers in Caribbean history, Mitchell was also foreign minister from 1984 to 1992. For services to his country, Mr. Mitchell was knighted by the Queen in 1995.

**Robert John Young** graduated first in his class in 1950 with a BSA (Honour) degree, majoring in Food Science and Poultry Nutrition. Dr Young received the Wilfred Sadler Gold Medal as Head of the graduating class at UBC. While working in Illinois, Mr. Young and a colleague at the International Minerals and Chemical Corporation were credited for discovering zinc as an essential nutrient. Bob was Chairman of the Interdepartmental Task Force for the control of agricultural waste and nutrient runoff. In 1990, he received a Lifetime Career Accomplishment Award from UBC for outstanding contributions to advanced education.

# Animal Welfare Program Celebrates its 10th Anniversary

Founded in 1997, the UBC Animal Welfare Program is one of only a handful of university-based programs worldwide centred on the welfare of animals. Its mission is to improve the lives of animals through research, education and public outreach.



The Program began with the appointment of Drs. David Fraser and Daniel Weary as founding faculty members. Dr. Martina von Keyserlingk later became the third faculty member, and Agriculture and Agri-Food Canada transferred three scientists (Drs. Douglas Veira, Jeffrey Rushen and Anne Marie de Passillé) to work closely with the Program as adjunct faculty.

From the outset the Program established a diverse set of research activities, with certain areas of concentration. Given the strong support of dairy producers, combined with the excellent dairy research facilities at the UBC Dairy Education and Research Centre at Agassiz, dairy cattle welfare was from the outset an area of special concentration.

Other research areas were added to meet the needs of the community and of sponsoring organizations, and the interests of students. These included research to improve adoption success among dogs and cats in animal shelters, research on the management of injured and orphaned animals in wildlife rescue centres, and research to improve the housing and husbandry of laboratory rodents.

In the Program's first ten years, 25 students have graduated with MSc and PhD degrees. They have gone on to a wide range of influential positions as educators, veterinarians, and in the animal industries, the humane movement and government.

The influence of the Animal Welfare Program extends far beyond Canada. Faculty members provide advice on animal welfare to organizations around the world, including the World Organization for Animal Health (Paris), the

Food and Agriculture Organization of the United Nations (Rome), the Animal Welfare Foundation of Canada (Ottawa), the Canadian Council for Animal Care (Ottawa), and the Food Marketing Institute (Washington).

Being one of relatively few university-based centres for animal welfare, the Program attracts scientists and graduate students from many countries including Brazil, Denmark, France, Germany, Iran, Italy, Mexico, New Zealand, the Philippines, Poland, Slovenia, South Korea, Spain, Sweden, the United Kingdom, and the United States.

## Support

Creation of the Program was made possible by generous financial support from the Natural Sciences and Engineering Research Council of Canada (NSERC) and many sponsoring organizations including the BC Veterinary Medical Association (BCVMA), BC Society for the Prevention of Cruelty to Animals (BC SPCA), Dairy Farmers of Canada, the BC Dairy Foundation and the Cattle Industry Development Fund. Many organizations, including the Animal Welfare Foundation of Canada, have joined in supporting the Program. Key individuals in the creation of the Program were Dr. Jim Thompson, then Chairman of the Department of Animal Science, Dr. David Wooldridge, then



President of the BC SPCA under whose leadership the humane movement of the province supported the creation of the Program, and Dr. Rob Ashburner, then President of the BCVMA, whose leadership helped ensure the support of the veterinary community.

The Program also receives important support from individual donors including many veterinarians in the province. Donors have created scholarships (Marion Judith Madsen Memorial Scholarship; Charles River Laboratories Foundation Scholarship; Haynes Scholarship for the Advancement of Animal Welfare), funded projects, and helped build an Endowment Fund to ensure the continuation of the Program in the future.

## Thank You

A commemorative plaque and two BC granite benches will be placed in the courtyard of the MacMillan building in honour of our award recipients and our Faculty Founders. The installation of these benches was made possible by:

**David Grigg**, Associate Director, UBC Campus and Community Planning

**Philip Brusse**, Facilities Manager, UBC Land & Building Services

**David Smith**, Assistant Director, UBC Land & Building Services

We would also like to thank Industrial Alliance Pacific for generously sponsoring tonight's event.

### Faculty Contact Information

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