

NEWS BULLETIN



UNIVERSITY OF GUELPH

Vol. 14 - No. 9

March 6, 1970

Saturday, March 7, 1970

College Royal - Grand Show Day and Open House

The big day for the University of Guelph's 46th annual College Royal is this Saturday, March 7th. Virtually all buildings on campus will be open to the general public for the day. They will contain special displays organized by students. Displays have been set up by 18 different departments and student clubs. Subjects ranging from psychology to pollution to karate are covered in the displays.

The Livestock Show, always a highlight of the day's activities, will get underway in the Arena at 9 a.m., while the buildings open at 10 a.m. The Royal, whose theme this year is Dawn of the Decade will be officially opened by Mayor Ralph Smith of Guelph at 2 p.m. in the Arena.

Headquarters for the day's activities will be the Physical Education building, and an information booth will be located here. Tea and cookies will be available in the cafeteria and the popular fashion shows will be held in the gymnasium. A dance will also be held here in the evening with the awards presenta-



Open House attracts many visitors to all Colleges on campus.

tions taking place at 9 p.m.

During the day, starting from the Physical Education building free bus service around the campus will be available. Two buses, with

guides, will tour the campus making stops at the buildings having displays.

A detailed schedule of the day's program is on page three.

The Merchant of Venice

One of the most famous trials of all time will be re-enacted by the Drama Division at the University of Guelph on the evenings of March 17 - 21st at 8 o'clock.

Shakespeare's *The Merchant of Venice* as directed by James Murphy will, however, in no way attempt to present the traditional, historical love story we have become accustomed to. Rather the play will take a "fresh new line." *The Merchant* it is hoped "will speak to each of us today."

Prior to coming to the University of Guelph to teach acting and directing, Mr.

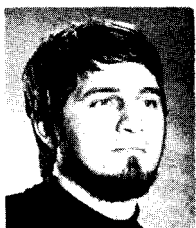
Murphy directed at the Dublin Gate Theatre, and at the famed La Mama in New York City. His production of *The Merchant of Venice* will be the University of Guelph, Drama Division's first Shakespearean presentation and it promises to be a memorable one.

Is justice done when Shylock fails to get his "pound of flesh?"

Members of the cast are in the Theatre Production classes of the Division of Drama. Two are in their final semester and are outstanding students. Some members of the cast are

drawn from other drama courses. Many members of this large cast are from outside the drama division but are students having tremendous interest in drama.

Reserved seat tickets are on sale and can be obtained at the new central ticket office on the main floor of the Arts building just outside the theatre workshop. Ticket prices will be \$1.00 for students and \$1.50 for adults. For reservations by phone, call 824-4120, Ext. 3940, and for mail orders, write "Ticket Office", Arts building.



Henry Marcuzzi
Gratiano



Chris Bird
Portia



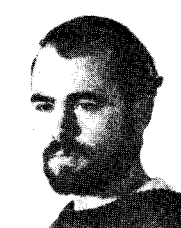
Roger Allan
Lorenzo



Vere Shute
Bassanio



Charlotte Weisberg
Jessica



John Dunsworth
Shylock



Robert Reid
Antonio

Engineering with a feminine twist

Back in the old days, before the women's liberation movement, Betty Friedan and the "enlightened female," women engineers were not only rare, but were politely referred to as freaks.

How times have changed! Women have demonstrated their competence, ambition and creativity in this traditionally male-dominated field. Professor H. D. Ayers, Director of the School of Agricultural Engineering says that engineers themselves are encouraging women to specialize in engineering because the entire field is developing in new exciting areas. One rapidly expanding aspect, with many engineering careers opening to both men and women, is the food industry.

No longer can the engineering profession

perpetuate its former masculine identification, which popularizes the engineer as a bridge-or dam-builder — supervising construction in the proverbial hard hat. Today, many engineers spend the bulk of their time at problem analysis and product research and development. They analyze human needs, and design products or processes to fill those needs. Since men and women have different perspectives on human needs, both can make significant contributions in the engineering profession. Women have proven themselves very much at ease in technical, computer-dominated environments; they needn't take second place to any male colleague.

In increasing numbers, young women are entering law, medicine, dentistry, politics and

higher education, but for the most part, haven't yet discovered the opportunities in engineering. Part of the reason could be the long-standing myth that engineering schools fail a large percentage of each class. WRONG! Based on figures from all Canadian universities, the attrition rate for engineering is no higher than for arts. Many students (especially girls, unfortunately), steer clear of engineering because of a well ingrained, illogical phobia for mathematics.

The field of engineering is ripe for feminine invasion — an invasion of talented and responsible young women, willing to meet the challenge of difficult, creative work; and with a determination to overcome the unavoidable prejudices encountered as pioneers in a traditionally male profession.

Comments on campus controversy

On March 2nd, President W. C. Winegard addressed the faculty of the University of Guelph, to discuss the non-renewal of contract of a member of the Sociology Department and one of two reclassification and tenure decisions which had caused controversy on the campus recently.

The President reported that although it was not normal practice, he had offered a hearing by three faculty members to Professor Grady whose contract was not being renewed. The President had also proposed that the decision of the hearing be binding on both the University and the individual and that the findings be made public only if Professor Grady desired. This offer had been rejected.

Dr. Winegard pointed out that the hearing procedure offered was consistent with the expressed policy of the Canadian Association of University Teachers and the University.

In regard to reclassification and tenure, the President stated that the policy followed had been developed through consultation among faculty and had been agreed to by the Faculty Association. He reviewed the procedures approved and employed, saying that it would be a breach of faith on his part to impose any other procedure. He also stated that the changes in procedure requested by students had been forwarded to the appropriate University committees for consideration.

Dr. Winegard referred briefly to two other complaints that have been aired recently; one by Miss Lillie Evans, whose charges have been dismissed by the B.A. Board of Review as "inaccurate and misleading," and one by Professor D. K. Gordon, of Languages, whose case has been referred to the Ontario Human Rights Commission. The President stressed that the University will cooperate with the

Commission in every way to ensure fair play for Professor Gordon.

In his address, the President went on to correct some false allegations that have arisen in connection with the events relating to the Department of Sociology. He said "it has been reported that Dr. Hadwen was not the choice of the majority of faculty members for the position of Acting Chairman. That is untrue. In letters written to the Dean of Wel-

lington College, the majority favoured Professor Hadwen of the two people willing to do the job. It has also been insinuated that Dr. Hadwen is not highly qualified. This is also untrue."

Dr. Winegard concluded by thanking the faculty members who had given expressions of support and had indicated that the hearing offered to Professor Grady was a fair procedure.



Lecture: parent and child relationships

An international authority on parent and child relationships was on campus as a guest lecturer at Macdonald Institute. Mrs. Earladeen Badger, Department of Health, Education and Welfare, Washington, D.C., addressed undergraduate and graduate students and faculty on the topic of *Infant Tutorial and Mothers' Training Programs*. Mrs. Badger, who is a project adviser for the Parent and Child Centres in the United States, outlined the multi-disciplined approach to work with child and parent. Mrs. Badger, shown right with Dr. K. Kopf, Department of Family Studies.



College Royal Queen crowned

The 1970 College Royal festivities opened on Friday evening with the College Royal Ball. Highlight of the evening was the choosing of the College Royal Queen, Miss Bev Cather, who will reign at all events. Shown from left: Miss Leslie Taylor, OAC '73, second runner-up; Miss Elly van Zoelen, Arts '70; Miss Bev Cather, OAC '70, the Queen; Miss Betty McNeil, Mac '72 and Miss Jane Harris, Arts '71, first runner-up. Master of Ceremonies for the evening was Mr. Ken Cavanaugh, a CBC news commentator.

College Royal: Dawn of the Decade ... schedule of events ...

Friday, March 6th

7:00 p.m. — 11:00 p.m. — Dog Show — Physical Education Arena

Saturday, March 7th — Grand Show Day

9:00 a.m. — 5:00 p.m. — Livestock Show — Physical Education Arena

10:00 a.m. — 4:30 p.m. — Exhibits and Displays — Physical Education building, second floor, east side

10:00 a.m. — 4:30 p.m. — Open House —

The following buildings will offer open house and display features:

Animal Science building ... O.V.C. Main building ... Crop Science building ... Chemistry building ... Macdonald Institute ... Round Pavilion ... Landscape Architecture building ... Horticultural Science building ... Engineering building ... Psychology Labs, basement of Arts building ... Geography Display, Room 028 and 030, Arts building ... Physical Sciences building ... Orienteering Club Display, red lounge, 1st floor, Arts building ... Zavitz Hall ... Photography

Competition Display, McLaughlin Library Stoa ... Crafts and Design Competition Display, Displays Area, Physical Education Building... Karate Club Display ... Physical Education Gymnasium.

11:45 a.m. — Directors' Luncheon — Physical Education Cafeteria

11:30 a.m. — 2:00 p.m. — Lunch Available — Creelman Dining Hall

1:30 p.m. — First Fashion Show — Physical Education building — gymnasium

2:30 p.m. — 4:30 p.m. — Tea — Physical Education Cafeteria

3:00 p.m. — Karate Club Display — Wrestling Room, Physical Education building

3:15 p.m. — Second Fashion Show — Physical Education gymnasium

8:00 p.m. — 12 midnight — Square Dance Competition, Physical Education gymnasium — CKNX Ranch Boys — open and square dancing following the competition.

9:00 p.m. — Awards presentation — physical education gymnasium.

Symposium:

soils and sedimentary rocks classification

March 12 and 13, 1970
Room 121, Arts Building

THURSDAY, MARCH 12

9:00 a.m. — 11:00 a.m. — Registration (\$10. fee).

10:45 a.m. — Welcome — Dean H. S. Armstrong

11:00 a.m. — Chairman — Dr. R. Protz
Soil Development Processes by Dr. F. F. Riecken, Prof. of Soil Science, Iowa State University, Ames, Iowa.

1:30 p.m. — Chairman Dr. I. P. Martini
Present Basic Concepts Used in Classifying Sedimentary Rocks by Dr. G. V. Middleton, Prof. of Geology, McMaster University, Hamilton, Ontario.

3:15 p.m. — Chairman Dr. I. P. Martini
Present Basic Concepts Used in Classifying Soils by Dr. G. D. Smith, Director, Soil Survey Investigations, U.S.D.A., Washington, D.C.

6:00 p.m. — Dinner — Faculty Club
Comments — Dean N. R. Richards

FRIDAY, MARCH 13

9:30 a.m. — Chairman Dr. W. Chesworth
Developing Concepts in Diagnostic Criteria for Soil Classification by Dr. L. P. Wilding, Prof. of Soil Science, Ohio State University, Columbus, Ohio.

10:45 a.m. — Chairman Dr. W. Chesworth
Classification of Geological or Other Data by Dr. J. C. Griffiths, Prof. of Geology, Director, Planning Research, Penn. State University, Univ. Park, Penn.

1:45 p.m. — Chairman Dean H. S. Armstrong
Discussion — *A Projection Period for Future Research*

Contact: Dr. R. Protz, Soil Science, Ext. 248f

CIRCLE K HOMEFAST

Coming soon is a project that the Circle K Club has been working on since last fall. Do you have problems getting a ride home on the weekends? Or is your problem that you do not have enough people in your car? Forget those small notices all over campus, come to the stoa of McLaughlin Library and check the Homefast bulletin board.

How does it work? If you have a car and need riders just fill out the card "Ride Offered". Place this card in the slot of the city to which area you are going. One card for every rider. Now if you are a person who would like a ride, fill out the card, "Ride wanted" and put it in a slot which is nearest to your destination.

This idea has worked at other universities and we are sure it will work at Guelph.

Information dialogue held at Macdonald Institute

The new undergraduate programs at Macdonald Institute were studied by some 150 home economics teachers and guidance heads from local secondary schools.

Brian Cook, Secondary School Liaison Officer, was chairman for the meeting where Dr. B. C. Matthews and Dr. J. M. Wardlaw outlined the changes in the programs.

The dialogue was held to discuss the new programs in Family and Consumer Studies so that counsellors and teachers might gain first hand information about the opportunities and challenges being offered their students.

Following the general meeting individual sessions were held in the areas of nutrition, family studies, early childhood education, consumer studies, textiles and the School of Hotel and Food Administration.

Tours of the Textile and Design building followed.



Dr. Janet Wardlaw and Mr. Brian Cook welcome home economics teachers to Information Dialogue.

March 12, 1970

Concert harpist at Thursday Noon Series



The guest artist on the Thursday Noon Hour Concert of March 12th will be concert harpist Erica Goodman.

Miss Goodman is a graduate of the Curtis Institute of Music where she was a student of Marilyn Costello, first harpist of the Philadelphia Orchestra. The daughter of Hyman Goodman, who was concertmaster of the Toronto Symphony for nineteen years, Erica began piano lessons at the age of four. Five years later she began studying harp.

Within three years, Miss Goodman's proficiency on the harp enabled her to challenge her way up seat by seat, from the intermediate junior high school level orchestra at the National Music Camp at Interlochen, Michigan, through the lower high school orchestra and on to first-chair in the upper senior high school orchestra. Thus at the age of twelve she sat as first harpist when the National High

School Symphony Orchestra performed at the White House for the late President Kennedy.

During her high school years, while studying piano and theory at the Royal Conservatory of Music of Toronto, Miss Goodman was also second harpist with the Toronto and Canadian Broadcasting Company orchestras. She has appeared frequently in the Toronto area in joint recitals with her father and has performed with the Toronto Symphony as soloist. In the fall of 1968 this young artist was a finalist in the New York Philharmonic's Young People's Auditions.

In 1964, after three successive summers of winning the concerto competitions at the National Music Camp, Erica was awarded first prize in the International Youth Music Competition at Interlochen.

Miss Goodman will be playing in Music Room 107 of Arts building, University of Guelph, from 12:10 - 12:45 and 1:10 - 1:45.

International Film Series

Room 105, Physical Sciences Building
Tuesday, March 10, 1970
8 p.m.

THE BOFORS GUN

This film was scheduled to appear several weeks earlier but through unavoidable circumstances had to be postponed. A number of people who were disappointed earlier have indicated that they are looking forward to seeing *The Bofors Gun* now.

The final film of this series will be presented on March 17th, "Lord Jim."

LA BARCA SIN PESCADOR

Spanish play

Theatre can provide a learning situation for both actor and audience. This is the aim of Professor Toro-Garland in producing and directing *La Barca sin Pescador* being presented by students of Spanish in the Department of Languages on March 11th at 8:00 p.m. War Memorial Hall was perhaps not the ideal location for a play in Spanish but did provide adequate stage facilities for this form of modern Spanish theatre. Many of the students are beginners at Spanish but are motivated by the opportunity to perform in the language they are studying. Publicity material has been sent to high schools and other universities to offer Spanish students an opportunity to see the production.

The cast have had a variety of stage experience and language background. Most of them have dabbled in theatrical activities previously but have no aspirations for a stage career. Fernando de Toro-Garland, however, has founded and directed groups in Ottawa and Virginia which are still continuing to present Spanish plays yearly. Wednesday, War Memorial Hall, March 11th at 8 p.m.

Tickets are available at Central Box Office, Room III, Arts or telephone extension 3940.

Elected to Veterinary Association



Dr. Roe

A member of the O.V.C. faculty has been elected to the council of the Ontario Veterinary Association.

Dr. C. K. H. Roe who will serve for a three year term, was elected at the annual conference of the Association held in Ottawa recently.

Born in Toronto, Dr. Roe graduated with a D.V.M. degree in 1950 and earned his master of science at the University of Illinois in 1953.

A specialist in the field of porcine disease, Dr. Roe is an associate professor in the Department of Clinical Studies.

FACULTY ACTIVITIES

Dr. Sam Sidlofsky, Sociology, was a member of the panel on Integration at the Labour Council of Metropolitan Toronto Conference entitled *New Canadians — Their Expectations and Reality*. Dr. Sidlofsky also attended as a Resource person for the following day program on Law Enforcement and Social and Government Agencies.

Dr. D. G. Howell, Dr. C. L. Grey, Dr. D. G. Ingram, Dr. J. P. Lautenslager, Dr. L. E. Lillie, Mr. R. M. Liptrap, Dr. J. H. Lumsden, Dr. M. B. McCraw, Mrs. B. J. McSherry, Dr. P. G. Oliver, and Dr. C. K. Roe, were among the speakers and moderators at the 96th Annual Convention of the Ontario Veterinary Association held in Ottawa recently.

Professor G. M. Jenkinson, Assistant to the Dean, OAC, and Dr. W. S. Young, Director of the Diploma Course, participated as resource persons in the Brant County teachers' professional development program at Paris. Over 1000 teachers were present. Outdoor learning, farm and school were topics under discussion. Dr. Young talked about the significance of agriculture in our society. Professor Jenkinson related the use of non-classroom learning situations to the academic objectives of a course.

Professor C. B. Kelly, Dr. J. Sutton, Botany, Dr. E. C. Lougheed, Dr. I. Nonnecke, Horticulture, and Mr. Bruce Hunter, Crop Science participated in the program of the Norfolk County Farmers' Week held at Simcoe.

Professor Henry Wiseman, Political Studies, attended the second in a series of Inter-University Seminars on International Relations at McMaster University. A paper on the Unification of the Canadian Armed Forces was presented by Professor R. B. Byers, York University.

Dr. J. M. deMan, Chairman, Food Science addressed the 50th Annual Meeting of the Meat Packers Council of Canada in Toronto on the topic "Trends and Developments in the Food Industry."

Professor Norman Pearson, Chairman of the Centre for Resources Development, gave a lecture on The Planning Process as part of the public lecture series organized by the Grand River Valley Conservation Authority in Burford High School, and afterwards met the Grade 13 Geography students to discuss problems of regional planning.

Dr. J. Archibald, Clinical Studies has received an invitation from Lord Brock, Royal College of Surgeons, Lincoln's Inn Fields, London, England, to spend about six months (April — September) in the new laboratory there. The area of work will be associated with the prolongation of viability of organs and organ transplantation.

Dr. J. D. Bandeen, Crop Science, has recently been appointed to the following committees: Ontario representative for one year to the Canadian Weed Committee which acts in an advisory position to the Canadian Agricultural Services Co-ordinating Committee; Canadian representative for the Canada Weed Committee on the executive of the Weed Science Society of America for a four-year term; and to the editorial committee for Weed Science, the journal of the Weed Science Society of America. Dr. Bandeen was chairman for local arrangements for the Weed Science Society of America meetings in Montreal earlier this month attended by some 583 members.

Professor Alexander H. Brodie, English, spoke to the members of the Dante Alighieri Society on "Italian Villains and English Writers."

Dr. P. M. Harney and Professor R. E. Barrett, Horticultural Science, attended the annual meeting of the Canadian Ornamental Plant Foundation in Ottawa.

Dr. D. P. Ormrod, Horticultural Science, attended the 48th annual meeting in Ottawa of the Canadian Horticultural Council. The Council makes policy recommendations to government on all matters affecting commercial horticulture in Canada.

Dr. N. J. Bunce, Chemistry, gave a lecture entitled "Free Radicals" at the Imperial Oil Auditorium, Sarnia. The lecture was one of a series in science and engineering sponsored by the Sarnia section of the Chemical Institute of Canada.

Dr. R. C. Anderson, Dr. M. Beverley-Burton, Dr. A. J. Musgrave and Dr. R. E. Wright, Zoology, attended the International Symposium on the Ecology and Physiology of Parasites, held at the University of Toronto. Dr. Anderson led a discussion dealing with the ecology of Onchocerciasis in man and animals. Dr. Anderson also chaired the morning sessions of the meetings of the Regional Parasitology Club. Many foreign scientists contributed to the Symposium.

Dr. J. C. M. Shute, Extension Education, adjudicated the Zone 7 Finals of the Secondary Schools Public Speaking Competition sponsored by the Ontario School Trustees and Municipal Councils Association. The competition was held in Orangeville.



"There is no more important contribution to good environment than Horticulture," said Dr. W. E. Tossell, Associate Dean, OAC. Dean Tossell was officiating at the opening of the new Histology Laboratory in the Department of Horticultural Science. Commenting on the recent change in the name of the department, Dean Tossell said the name had been changed because of the high input of science. "This Laboratory is the first major change for the output of science," he said. Professor R. E. Barrett, Chief of Ornamentals, who is in charge of the laboratory, assisted by Mrs. Alyson Knap, is seated at the microscopy, and standing from left: Dr. D. P. Ormrod, Chairman of the Department of Horticultural Science; Dr. Tossell, and Dr. N. R. Richards, Dean of OAC.

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Dr. L. V. Edgington, Dr. C. E. Peterson, and Dr. M. C. Shepard, Botany, will visit Macdonald College in Quebec to discuss systemic fungicides with interested faculty. Dr. Edgington will also present a seminar to the Botany Department entitled "Uniqueness of Systemic Fungicides."

Professor Eric Cameron, Professor K. Chamberlain, Professor G. Chu, Professor W. Tressider and Professor E. Yerex, Fine Art, attended the annual convention of the College Art Association of America held in Washington.

Several faculty members and graduate students from the Department of Botany recently attended the annual meeting of the Weed Science Society of America, held in Montreal. Those who attended and presented papers are as follows: Absorption of Atrazine and diuron by 24 charcoals, Mr. P. D. Jordan and Dr. L. W. Smith; Atrazine activity in relation to adsorption in Manitoba and Southern Ontario Soils, Mr. J. R. Anderson and Dr. G. R. Stephenson; Antagonistic Responses with combinations of trifluralin and organic phosphate insecticides, Dr. L. W. Smith; Fall panicum in Ontario, Dr. J. F. Alex; Growth regulation in turf, Mr. W. G. Brown and Dr. C. M. Switzer, and Activities of the Ontario Herbicide Committee, Dr. C. M. Switzer.

Dr. Michael Booth, Drama, recently gave a lecture on Melodrama at the invitation of the University of Chicago. He also discussed the Victorian theatre on a radio program for release over the University of Chicago's educational network affiliates.

Dr. T. Lloyd Jones, Pathology, was elected president at the O.V.C. Alumni Association Meeting held in Ottawa in January.

Professor C. B. Kelly, Botany, will speak on cucumber diseases at the Cucumber School being held at Ridgetown tomorrow.

The Department of Food Science recently sponsored a Salmonellae Workshop on campus for Ontario Milk Commission Fieldmen. Dr. A. N. Myhr, Dr. D.H. Bullock and Prof. A. G. Leggatt, Food Science; Dr. D. A. Barnum and Dr. N. A. Fish, Veterinary Bacteriology; and Dr. G. W. Anderson, Microbiology, contributed various aspects to the Workshop. The discussion included the nature of Salmonellae, human and animal carriers of the organism, prevalence on the farm and in dairy and food plants and the controls which have been successfully applied in the poultry and milk drying industries.

Dr. D. R. Arnott, Food Science, gave an address entitled "Putting Quality into Dairy Products" at the 85th annual Manitoba Dairy Convention in Winnipeg.

Dr. P. Eyre, Biomedical Sciences, visited the Department of Pharmacology, Medical School, Dalhousie University, Halifax, N.S., and presented three seminars on aspects of research in Veterinary Pharmacology.

Dr. I. R. Evans, Botany, participated at the winter meetings of the Toronto-Hamilton Fruit & Vegetable Growers. His topic: Vegetable Virus.

PUBLICATIONS

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G. Wobeser and M. Finlayson. Salmonella tryphimurium infection in house sparrows. *Arch. Environ. Health* 19: 882, 1969.

J. T. Sykes, Horticultural Sciences, Changes needed in foreign student training. *Agricultural Institute Review.* 25: 9 - 11, 1970.

L. V. Edgington, 1970. Chemicals for seed treatment of small grains. Department of Agriculture and Food. Publication 252.

J. R. Duncan, and R. G. Thomson, Preliminary observations on the effect of specific immunity on nasal bacterial flora. *Can. J. Comp. Med.* 34: 90, 1970.

J. R. Duncan, and R. G. Thomson, Influence of immunization procedures on upper respiratory tract immunity in cattle. *Can. J. Comp. Med.* 34: 94, 1970.

P. Goudas and L. Karstad. Liver biopsy in mink with aleutian disease. *Can. J. Comp. Med.* 33: 316, 1969.

F. F. Gilbert and E. D. Bailey, 1970. Reproductive performance of three genetic strains of female mink visually isolated after breeding. *The Cornell Vet.*, 60: 135-138. (Zoology).

W. H. A. Wilde, 1970. The sap beetle, a pest of apple in Ontario. *The Can. Entomologist*, 102-112. (Zoology).

P. Eyre, Biomedical Sciences, Cutaneous vascular permeability factors (histamine, 5 hydroxytryptamine, bradykinin) and passive cutaneous anaphylaxis in sheep. *J. Pharm. Pharmacol.*, 22: 107-112, (1970).

B. T. Rouse and A. B. Angulo (1970) A Method for the Collection of Nasal Secretions from the horse and cow. *Res. Vet. Sci.* 11, 98.

P. Eyre, Biomedical Sciences, Some pharmacodynamic effects of the nematocides, Methyridine, Tetramisole and Pyrantel. *J. Pharm. Pharmacol.*, 22: 26-36, 1970.

David J. Piggins (Psychology), Visual After Images: Central or Peripheral Effects. A comment upon Koehmainen and Tuomisaari, *Scandinavian Journal of Psychology*, 10, 287-288, 1969.

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VISITORS

Two members of Parliament will spend Thursday, March 12 on campus. Alfred D. Hales, who represents Wellington South, and Wallace Nesbitt who represents Oxford in the House of Commons, will be here on a fact-finding visit.

The day will start with a tour of the University and a meeting with Dr. W. C. Winegard. Lunch will be held in the Faculty Club and in the afternoon meetings will be held with student leaders to discuss University life as it is at Guelph.

A bear pit session will be held at 7:30 p.m. in Room 130 of the Biology building when they will be joined by the Hon. James Auld, who is Minister of Tourism and Information for Ontario, and the member for Leeds. The purpose of this meeting is to answer any questions at either level of government. They will also hear any criticisms, suggestions or any statements about life on this campus, especially from the students.

This program is being sponsored by the Progressive Conservative Student Federation of the University of Guelph. Colin Darroch is president of the local group. Everyone is welcome to take an active part in the program for the day.

NEXT WEEK AT GUELPH

THURSDAY, MARCH 5

- Noon Hour** CARROL ANNE CURRY, lyric soprano. Stuart Hamilton, piano accompanist. 12:10 – 12:45 and 1:10 – 1:45. Music Room 107, Arts.
- Lecture** OBJECTIVES OF MY NARRATIVE WORK, in Spanish by Prof. Francisco Ayala, U. of Chicago. Music Room 107, Arts. 4 p.m.
- Art** LEON BERKOWITZ – PAINTINGS, exhibition opens in the Exhibition Corridor, Arts. Continues on display until March 29.

FRIDAY, MARCH 6

- Lecture** CHEMISTRY OF LOVE, by Dr. Wendell Roelof, Research Zoologist at Cornell University. Room 128, Zoology, 2:15 p.m.
- T.V.** REGIONAL DEVELOPMENT, featuring Professor Norman Pearson, Centre for Resources Development, will be shown on Channel 11, Hamilton, at 9:10 a.m.
- Seminar** GEOGRAPHY AND RACIAL IMBALANCES IN AMERICAN METROPOLITAN AREAS, by Dr. Roger E. Kasperson, Political Geographer, Clark University. Room 029, Arts. 10 a.m.
- Seminar** A PERSPECTIVE ON RECENT DEVELOPMENTS IN POLITICAL GEOGRAPHY, by Dr. Roger E. Kasperson. Room 029, Arts. 2 p.m.
- Art** BRASS RUBBINGS, an exhibition by Dr. and Mrs. L. Abott on the theme of Women in the Middle Ages from 1300 – 1550 continues until March 29 in the Arts building north gallery.

SATURDAY, MARCH 7

- Show Day** COLLEGE ROYAL – DAWN OF THE DECADE. Grand Show Day (see program in this issue of News Bulletin).

SUNDAY, MARCH 8

- Worship** R.C. FOLK MASS, 10:30 a.m. War Memorial Hall. 7 p.m. 9th floor lounge, Arts.
- Worship** ANGLICAN-UNITED HOLY EUCHARIST, with discussion What Do I Mean, "To Follow Christ?" 10:30 a.m., Room 138, Arts.

MONDAY, MARCH 9

- Training** IN-SERVICE training program in WEED CONTROL for personnel in Soils and Crops Branch, O.D.A.F. being held in the Crop Sc. building.
- Lecture** A FUTURE WITH POLLUTION CONTROL. The 9th and last in the discussion series on Environmental Quality. Professor Norman Pearson, Chairman of the Centre for Resources Development, will lead the discussion. Room 105, Phys. Sc. 7:30 p.m.

TUESDAY, MARCH 10

- Conference** NUTRITION CONFERENCE FOR FEED MANUFACTURERS opens. A seminar by M. L. Scott, Dept. of Poultry Science, Cornell University at 4 p.m. in Room 105, Phys. Sc. will be a highlight.
- Lecture** ANCIENTS & MODERNS: THE BIRTH OF THE MODERN WORLD VIEW. John F. Wickham will speak on "The Battle of the Books: The Pamphlet War Between Moderns and Ancients," in the 8th floor lounge, Arts. 8 p.m.
- Film Meeting** THE BOFORS GUN in Room 105, Phys. Sc. 8 p.m. International Film Series. SENATE. Room 113, Physical Sciences building, 8 p.m.

WEDNESDAY, MARCH 11

- Seminar** PLANT PHYSIOLOGY IN RELATION TO CROP PLANT IMPROVEMENT, by Dr. D. N. Moss, U. of Minnesota. Room 121, Crop Sc. Contact: Dr. L. A. Hunt, Crop Science.
- Drama** MODERN SPANISH PLAY – THE SHIP WITHOUT A FISHERMAN. War Memorial Hall, 8 p.m. Tickets available Campus Box Office, Ext. 3940.
- Conference** NUTRITION CONFERENCE, for feed manufacturers continues in Room 141 Animal Sc. Nutrition. 9 a.m. – 4 p.m.
- Lecture** SPORT and CULTURE by Dr. S. C. Staley, University of Illinois. Room 113, Phys. Sc. 8 p.m. Open to the public.

THURSDAY, MARCH 12

- Noon Hour** ERICA GOODMAN, concert harpist. Music Room 107, Arts. 12:10 - 12:45 and 1:10-1:45 p.m.
- Seminar** ISOZYME CHARACTERIZATION OF CORN INBREDS AND ITS RELATIONSHIP TO SINGLE CROSS HYBRID PERFORMANCE, by Mr. R. B. Hunter, Crop Sc. 4 p.m. Room 121, Crop Sc.
- Lecture** BED AND BREAD (THE WORKING WIFE), by Mrs. Jean Lillie, fifth in the marriage series. 8 p.m. 8th floor lounge, Arts.

Toronto bus service

Grey Coach Bus Lines are extending their service to the campus by establishing pick-up and delivery points effective Friday, March 6 for Toronto service at the following locations:

1. Midland Hall arch – South Ring Road
2. College Avenue – at Mills Hall

This is a peak service only which will be available at the following times:

Pick-up to Toronto

Fridays – 1:40 p.m. and 4:40 p.m.

Saturdays – 1:40 p.m. only

Return from Toronto

Sundays – 9:30 p.m. and 11:50 p.m.

Wanted - a history of farm machinery

The sophisticated, streamlined machines designed by agricultural engineers are merely refinements of machines produced during the last century. The School of Engineering hopes to locate information, including catalogues and pictures, of these old machines; and to preserve the history of agricultural engineering in Ontario.

This type of historical record is in danger of being lost because professional historians tend to concentrate on politically significant events, instead of the everyday affairs of rural life. The School of Engineering already has a number of pictures, catalogues and pertinent information but hopes to build up an extensive historical collection.

Career Planning and Placement Office 160 Johnston Hall

has information available covering the following types of programs:

Educational Travel Abroad – In Canada and All Over the World

- opportunities for work study travel abroad and in Canada
- summer opportunities in Europe 1970
- vacations abroad
- handbook of international exchanges
- overseas employment guide – including au pair work
- awards for graduate study and research
- short and long term volunteer service projects.

PERSONALS

- Wanted – student to share townhouse. 824-9687.
- Wanted – reliable person to look after children in my own home. Dr. Bhar - 821-2504 noonhours or Ext. 2582, daytime.
- For Sale – bundles of 10 back issues of Popular Mechanics dating back from 1936. Ext. 3863.

The News Bulletin is published by the Department of Information and edited by Mrs. Betty Keeling. Copy for the next edition must reach the editor Room 361, McLaughlin Library not later than noon Friday, March 6, 1970.