

Nobel Prize winner gives Bryan Priestman Lectures

Gerhard Herzberg, Canada's first winner of the Nobel Prize in the natural sciences, will present the annual Bryan Priestman Lectures this month at the University of New Brunswick. His public address entitled, "The

Space Between the Stars" will be given Monday, March 18, at 8 p.m. in Room 105 of MacLaggan Hall.

Dr. Herzberg has spent a lifetime serving an area of science which bridges physics, chemistry and astronomy. His more than 200

research papers, five books which are translated into six languages and considered major references, and his establishment of a world-famed spectroscopic laboratory at the NRC in Ottawa, have unified the field of molecular spectroscopy and provided valuable leadership to Canadian scientists.

His efforts have earned him the distinction of being the first Distinguished Research Scientist of the National Research Council, 1969, and the highest tribute, the 1971 Nobel Prize for chemistry.

Herzberg received his early training in his native city of Hamburg, Germany. He studied physics at the Damstadt Institute of Technology where he obtained his Dr. Ing. degree in 1928. Two years of post-doctorate work was undertaken at the Universities of Göttingen and Bristol and afterward Dr. Herzberg returned to the Damstadt Institute as lecturer and physics department senior assistant.

Already well-known as a molecular physicist, Herzberg accepted a Carnegie guest professorship at the University of Saskatchewan in 1935. During his 10 years association with U of S, he founded the university's first spectroscopic laboratory and was made research professor of physics.

For three years Herzberg was professor of spectroscopy at the Yerkes Observatory of the University of Chicago, but returned to Canada in 1948 to accept an appointment as principal research officer in the National Research Council's division of physics. He later served as director of the division of pure physics until 1969 when he was appointed Distinguished Research Scientist in the recombined division of physics.

Actively involved in several international commissions dealing with spectroscopy, Herzberg also served six years as vice-president of the International Union of Pure

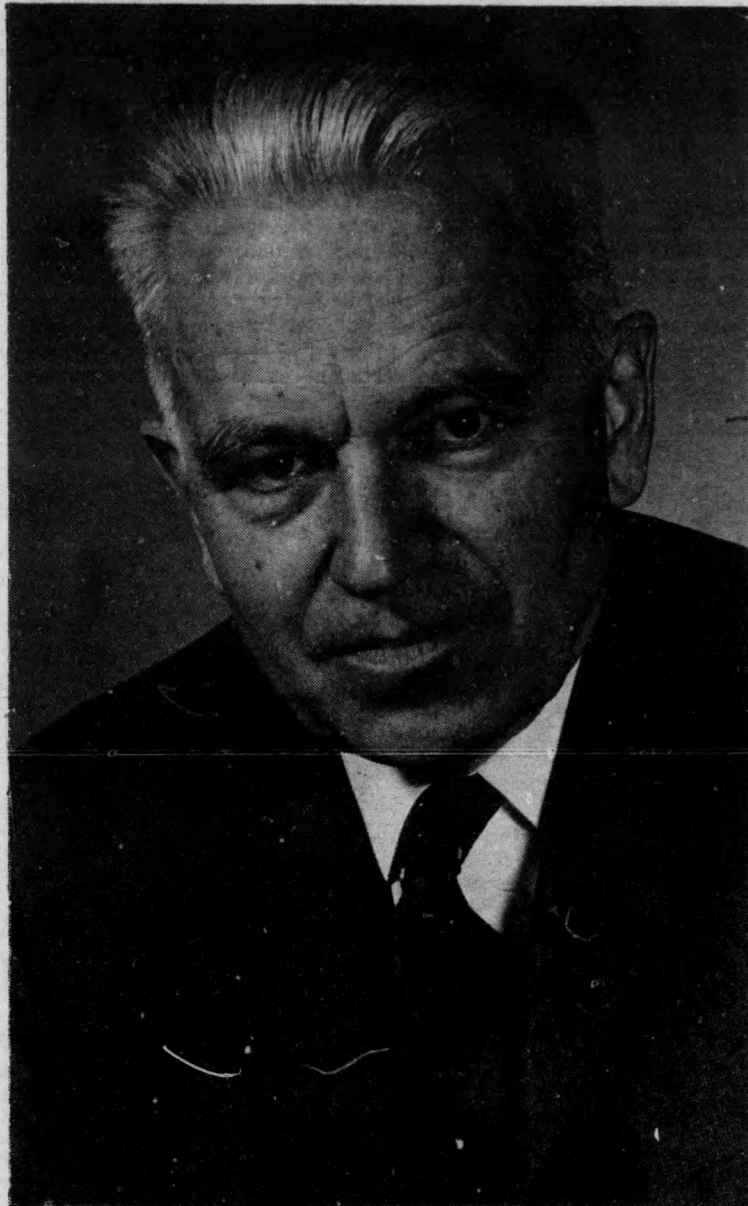
and Applied Physics. For one year, 1966-67, he was president of the Royal Society of Canada.

Listed among his numerous awards and honors are his election as a fellow of the Royal Society of Canada and the Royal Society of London. He is a foreign associate of the National Academy of Science in Washington, a member of the Pontifical Academy of Sciences and a Companion of the Order of Canada.

Herzberg has also received a number of honorary degrees from universities in Canada and abroad, including a 1966 honorary D.Sc. from the University of New Brunswick.

Herzberg will give two additional lectures on March 19 and 20. The lecture scheduled for Tuesday, March 19, is entitled "Spectra of Molecular Ions." It will be given at 3 p.m. in C-13 of Head Hall. Wednesday, March 20, the lecture "Experimental Tests of the Quantum Theory of Molecular Hydrogen" will be given at 10:30 a.m. in C-13 of Head Hall.

The Bryan Priestman Memorial Lectureship was established at UNB in 1951 to commemorate Dr. Bryan Priestman, UNB professor of physics 1928-45, who gave his life while attempting to save a small boy from drowning.



Gerhard Herzberg

Awareness '74

World injustices discussed

What is Awareness '74? Awareness '74 is a programme designed to bring to light the injustice throughout the world. The programme hopes to demonstrate by various methods and means how the Canadian government and Canadian corporations are helping to support slave labour, child labour, and oppression in developing nations.

What is the programme schedule for Awareness '74? The following is the programme:

Saturday & Sunday (March 16, 17) 24 hour College Hill STARVATHON

What is a STARVATHON? A STARVATHON is similar to a walkathon except that you are sponsored to starve instead of being sponsored to walk. The time span is 24 hours. The entire affair is set under controlled conditions and the law requires that you are given liquids every four hours. The event is designed as an educational experience to discover what is actually happening to underdeveloped and impoverished people in Canada and the Third World - and to learn what you can do to lend them a helping hand.

Where does it happen? The STARVATHON will be held in the STUD at the University of New Brunswick

When will it begin? It begins on Saturday, March 16th at 4:00 PM through to Sunday, March 17 at 4:00 PM

How can one participate?

- i) Fill out a registration form and get some people to sponsor you.
- ii) Find someone to sponsor if you are unable to participate yourself.
- iii) Drop by and see the people that are participating.

What is the time schedule of events?

Saturday, - 4:30 - 7:00 Registration and Getting Acquainted Time - 7:00 - 7:30 Opening Assembly and Programme Presentation Talk - 7:30 - 9:00 Movie "For God's Sake" - 9:00 - 10:00 Discussion animated by commentator on movie. - 11:00 - 1:00 Skits and sing song; (Don't forget a sleeping bag for an all-niter)

Sunday, - 9:00 - 11:00 Jack Lakavich (SCM) will give a talk to be followed with a discussion. - 11:00 - 1:30 A simulation game hosted by John Arthur Murphy. - 2:00 - 3:00 UNESCO Talk by Dr. Cragg, President of Mount Allison University. - 3:00 - 3:30 Group Sum Up. - 4:30 - 6:00 The scene then moves from the STUD to St. Andrew's Presbyterian Church, 512 Charlotte St. for an ecumenical service and an OXFAM banquet.

Special Note: Guest speakers and discussion leaders during the STARVATHON will include Pat Flanagan, Maria Wawer and other students who have been on

overseas scholarships. For more info, contact: Brian at 455-9855; Ashoki at 453-4933.



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SUNDAY, 17th MARCH TILLEY HALL AUDITORIUM

Free admission for UNB students and faculty members
others: 50¢

Come on, Have more fun