

Summer '86

## Jenness Hall Addition Construction Underway

The ceremonial groundbreaking for the laboratory addition to Jenness Hall was held on April 10 with dignitaries from the University and the paper industry sharing in the turning of the first spades of earth.

The guests at the groundbreaking were welcomed by University President, Dr. Arthur M. Johnson. In his remarks he acknowledged the need for the new laboratory building to strengthen the educational program as well as to support the development of the paper industry and with it the Maine economy.

Describing the importance of the new laboratory building to house pulp and paper and chemical engineering research equipment and pilot plant facilities, Department of Chemical Engineering Chairman, Ivar H. Stockel said, "During the course of their studies our students build their minds, gain engineering knowledge and develop engineering judgment. In this building, through their laboratory experiments, and through design problems in the classroom they will develop judgment which will serve them well throughout their career."

Foundation Chairman John A. Luke, president of Westvaco Corporation said, "We who have encouraged the University through the Pulp and Paper Foundation for the last 37 years are delighted that we will continue to have a strong program of teaching available here at Orono and that the graduates of this school will continue to be among the best qualified people available to the paper and supplier industries for jobs both inside Maine and outside as well."

In his remarks, University Trustee, and chemical engineering alumnus, Francis Brown acknowledged that the University alone has not been able to maintain the quality of modern pilot scale and laboratory equipment which will show how the principles taught in the curriculum are applied in industry. "Only through the active support and contributions of the industry, and its suppliers," he said, "is it possible for us to maintain the kind of teaching and industrial support facility the campus needs."

In concluding remarks, William H. Palm, Chairman for the Jenness Hall

Project Fund Raising Committee commented, "After waiting for more than 10 years for this laboratory addition to Jenness Hall to become a reality, I can tell you it is a genuine pleasure to be here today at this groundbreaking for a project which our industry needs badly. Although we have not formally announced our fund raising program to solicit gifts which will allow us to equip this new building, we have been delighted with the response from our

industry friends who have already donated more than \$700,000 in gifts toward our goal of raising \$2.5 million."

Within a few days of the groundbreaking ceremony, the foundation work on the new building began with progress being noticeable now on a daily basis.

Additional information about the needs for equipment and services to equip the new building as well as cash gifts is available from Mr. Palm.



The Jenness Hall Addition groundbreaking ceremony was addressed by University and Foundation leaders who then joined in "breaking ground." Shown: (left to right) Ivar H. Stockel, Chairman, Department of Chemical Engineering, University of Maine; William H. Palm, Chairman, Jenness Hall Addition Fund Raising Committee; John A. Luke, President, Westvaco Corporation, Foundation Chairman; Arthur M. Johnson, President, University of Maine; and Francis A. Brown, chemical engineering alumnus and member of the University of Maine Board of Trustees.



Measurex Corporation has donated a Vision 2002 computer aided manufacturing system to the Jenness Hall Addition Project to be used to monitor and control process conditions on the University's pilot paper machine and related chemical engineering equipment. Shown with the equipment at the Foundation's Open House are (standing left to right) Arthur M. Johnson, President, University of Maine, David A. Bossen, President, Measurex Corporation, and John A. Luke, President, Westvaco Corporation, and Chairman of the Pulp and Paper Foundation. Seated is Measurex Senior Service Technician Philip Small.



# Jenness Hall Addition Fund Raising Passes Half Way Mark

Spring/Summer '87

Jenness Hall Addition Fund Raising Chairman, William H. Palm, retired executive vice president of Westvaco Corporation, announced at the Foundation's Open House program that more than \$1.6 million in pledges of cash, equipment, and services have been received to equip the addition to Jenness Hall which is currently under construction.

More than 50 paper producers and suppliers have offered pledges to equip the 27,500 square foot addition's pulp and paper laboratories along with associated service shops and chemical engineering pilot plant. The new building is scheduled to be ready for occupancy by mid-summer with the pulp and paper laboratories set to open in September when the new academic year begins.

The process instrumentation required to monitor and operate the equipment has recently been specified under the guidance of Foxboro's Paul Collin and The Fitch Company's John Fitch. Jack Chinn, president of Madison Paper Industries, has agreed to solicit needed equipment from more than two dozen suppliers.

While limited gifts of service shop equipment have been pledged, or received, many more gifts are needed as Ed Bryand of Honeycomb Systems, Inc. carries that part of the fund raising effort. The Chemical Engineering Department needs a fork truck to move supplies and equipment as well as machine shop equipment to

produce prototypes used both in the pulp and paper laboratories as well as by graduate students and their faculty advisors who are exploring new areas of technology.

Several key gifts of services began the fund raising program's success as all engineering services have already been donated under the leadership of James G. Vamvakias, president of E. C. Jordan Company. Several construction services gifts have also been solicited by Allyn Taylor, vice president of Cianbro Corporation which will coordinate the relocation of existing equipment along with the installation of many new items of equipment.

The list of equipment donations continues to grow as the Vision 2002 computer system donated by Measurex has been joined by paper machine components being manufactured by Beloit Corporation and a complete electric drive system with necessary mechanical drive components having been contributed by Reliance Electric Company.

Many additional contributions of critically needed equipment items have also been pledged. A full list of donors is available from the Foundation office. William S. Lucey, vice president of Beloit Corporation is heading up the solicitation for paper machine equipment.

The stock preparation system will include gifts which have already been received: a disk refiner, white water tanks,

pumps and mixers as well as several additional needed items. Richard W. Noyes, vice president of Great Northern Paper Company is leading the effort to secure stock preparation equipment.

The final area of equipment needs, is for test equipment to analyze the physical, optical and chemical properties of paper samples. Eli Karter, vice president of Mead Corporation is contacting suppliers to ask for their cooperation in providing state-of-the-art analytical equipment which will allow the University's students to become familiar with current test methods.

Professor David J. Kraske, faculty manager for the Jenness Hall Expansion, is maintaining a list of additional items of equipment and services which are needed to make the laboratory a world-class installation for teaching and industrial service.

Since the date of the April Open House an additional \$200,000 in gifts of equipment, services and cash have been received bringing the total amount pledged or received to \$1.8 million.

Additional information concerning the project and particular equipment and services gifts which are still needed is available from Prof. Kraske or from any of the fund raising chairmen.

All gifts will be recognized by an appropriate recognition plaque in the Hall of Recognition to be located at the entrance to the new laboratories.

## Matik-North America Establishes Scholarship

The Foundation has announced the creation of the Matik-North America Scholarship Fund established, according to Matik-North America's Louis J. Boos, President of the Engineered Systems Group, "to show our appreciation for our business success in serving the paper producing and converting industries.

"We are pleased," he said, "to make this contribution which will help to strengthen our industry by attracting capable young people to consider making their careers with us. Our chairman, Mr. Robert Foisie, is an advocate of the advantages of a strong educational system which makes this a satisfying contribution for our Company. The University of Maine has an excellent reputation in our industry for graduating hard working and effective engineers. We at Matik intend

through this gift to encourage the University and its students as well as to help promote the continued prosperity of our industry."

Matik-North America is the parent company for a family of companies, which include: Clark Aiken Matik, Lithibar Matik, and Involvo, and is the representative and distributor of Bielomatik equipment in North America.

Products produced by the Matik Group of Companies for the paper industry include: Bielomatik sheeters, inspection equipment and paper converting equipment; Involvo packaging equipment; Lithibar palletizers, and Clark Allen sheeting and converting equipment.

In accepting the Scholarship, the Foundation's Gifts and Bequests Committee chairman, Frederick A.

Soderberg, has said, "We are pleased to have the Matik-North America Scholarship Fund. It is one of 12 scholarships to have been created in the last year and is the Foundation's 90th such endowed scholarship. It is strong evidence that our sponsors need the talents of young people who are interested in solving challenging industrial problems which will allow the American paper industry to remain competitive in world markets. Paper products perform thousands of functions in our society. But creative engineering skill is needed to improve their performance and to do so at minimum cost to our industry's consumers. Happily, University of Maine graduates have earned a firm reputation as being among the best educated in America thereby attracting gifts such as this from Matik-North America."



Winter/spring '88

## Jenness Hall Construction Aiming for April Start-up

The Jenness Hall Addition Project to equip the University's new pulp and paper and chemical engineering pilot plant has moved into the construction phase during the late summer and fall. A highlight of the 1988 Open House will be demonstration of the rebuilt 12 inch paper machine and recognition of the more than 130 corporate donors to the project.

The stock preparation system of four stainless steel tanks with a flexible pumping system is nearly operational while the paper machine is still under construction with piping and wiring currently under way. The last major component of the machine to be installed will be the drainage elements which are due to be delivered before the end of February.

Equipment gifts to the project total more than \$1.4 million with another \$500,000 being donated in the form of construction services.

Leading equipment gifts have been made by Beloit Corporation, Beloit/Jones, Black Clawson, Boise Cascade, Flakt/Ross, General Electric Company, Goulds Pumps, Jamesbury Corporation, Measurex Corporation, Reliance Electric, and Voith, Inc. In addition, several other equipment gifts have been offered to help complete the pilot laboratory. A complete list of donations of cash, equipment and services will be maintained in the

laboratory once the project is completed later this year.

Construction services have been coordinated by Cianbro Corporation which has arranged for gifts from the following construction companies: Bancroft Corporation, B E & K, Becon Construction, Stone and Webster Construction, and Wade and Searway.

The Fund Raising Committee chaired by Westvaco's retired Executive Vice President, William H. Palm, has secured gifts of \$2.6 million against a goal of approximately \$3.0 million. Fund raising efforts are continuing to meet outstanding needs for about \$300,000 worth of equipment including a pulp washer, coating preparation equipment, and a large variable speed DC drive. Additional cash gifts of \$300,000 are needed to equip the handsheet lab and TAPPI Test Room with state of the art equipment. The University's laboratories were last modernized in 1957 with the result that much of the equipment has become outdated or worn out.

In addition to the pulp and paper laboratory, the project includes relocation and upgrading of the chemical engineering pilot laboratory as well as improving a prototype machine shop where research equipment designed by the faculty in connection with their state-of-the-art research can be built and existing equipment can be maintained.

## William H. Kraske Honored by Scholarship Fund

William H. Kraske, a pulp maker for more than 50 years who retired from Oxford Paper Company's Rumford, ME mill in 1959 as Manager of Pulp and Bleaching, has been honored by his sons and daughter through the establishment of an endowed Named Scholarship Fund in his honor.

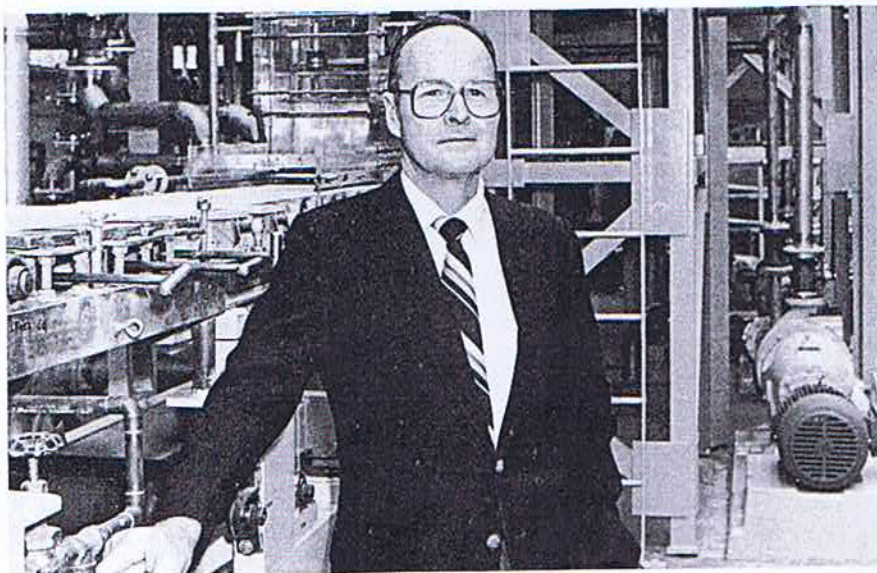
Born in Wisconsin Rapids, WI in 1891, Mr. Kraske was an industry pioneer who during his long career built, started-up, and ran sulfite mills throughout the U.S. and Canada. He worked with several sulfite mills located in Nekoosa and Wisconsin Rapids, WI; Kapuskasing, Ontario; Port Alfred, Quebec; Grand Falls, Newfoundland, Eau Claire, WI; Lyons Falls, NY; and Rumford, ME. Additionally, he was an active industrial consultant for several years in the late 1940's.

With each of several moves he took his growing family along. His seven children, six sons and a daughter, were born in Kapuskasing, Wisconsin and Newfoundland.

Three sons have developed careers as paper industry executives. Karl, (Maine '57), is Group Vice President with James River-Graphics in South Hadley, MA. David retired as Vice President and Kenora Region Manager of Boise Cascade-Canada in Kenora, Ontario joining the faculty at the University of Maine as a Professor of Chemical Engineering responsible for furnishing the Jenness Hall pulp and paper pilot plant. Both brothers hold doctorate degrees from The Institute of Paper Chemistry. William is Manager of Process and Product Technology for Boise Cascade Corporation located in Portland, OR.

The remaining brothers, all University of Maine graduates, have developed careers in electrical engineering and process control. Richard, (Maine '48) is in charge of controls design for the Electric Boat Division of General Dynamics Corporation. James, (Maine '55) heads a design group for Westinghouse and Gerhardt, (Maine '55) works in the field of computer software design also for Westinghouse. Mr. Kraske's daughter, a registered nurse, lives in Arizona where she and her husband operate a pet supply business.

The Kraske Scholarship Fund will be awarded annually by the Pulp and Paper Foundation's Scholarship Committee to a University of Maine engineering student who is preparing for a paper industry related technical career.



Richard W. Noyes, Vice President-Operations at Great Northern Paper Company, has been responsible for soliciting stock preparation equipment for the new pulp and paper pilot plant. The paper machine shown at the left, with the stock preparation equipment in the background, is due to start up in early April.



## Open House - continued

Friday morning the University's pilot paper machine will be put into operation to demonstrate equipment available to support industry process and product developments.

In a new approach, Friday's program will offer several events concurrently. Continuing a tradition, faculty members will give talks on their paper industry related research. A new addition to the Open House program will be two panel sessions. One session will discuss the teaching of communication skills in the engineering curriculum, while the other will concentrate on post-graduation career planning. The communication panel will be led by Dr. Kenneth I. Mumme, Undergraduate Curriculum Coordinator for the Department of Chemical Engineering. He will be joined by Carl Bloom, II of S.D. Warren and Tammy Grossman of Eastman Kodak. The Post College Career Development panel will be moderated by Roy Barry, general manager of Scott Paper's Winslow, ME mill. Joining him as panelists will be Mark Hallenbeck of Ingersol Rand/IMPCO, Dana B. Dolloff, ITT-Rayonier, Lisa Charette, Champion International, and Tim Hagelin, Great Northern Paper.

The 1989 Open House will conclude with a luncheon talk by Associate Dean of Engineering and Science, Dr. Wayne A. Hamilton, titled "Preparing for the Future - Taking Chances/ Seizing Opportunities."

Additional information about the Open House program is available from the Foundation office. To receive a program booklet or to make a reservation, call: 207/581-2296.

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student to help you  
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## Pulp and Paper Lab Dedication to Recognize 140 Donors

The fully furnished pulp and paper/chemical engineering laboratory addition to Jenness Hall will be dedicated on Thursday afternoon, April 13 as an important part of the 39th Annual Open House program.

The project began in 1974 when then Foundation president Willaim H. Palm made a presentation to the University trustees, together with Ross Masterman the Foundation's chairman and Curtis M. Hutchins the Foundation's secretary and a long time civic leader in Maine. After an initial State bond issue referendum was defeated second bond issue request was passed by Maine voters in 1984. Bill Palm accepted the responsibility for securing gifts of cash, equipment and services to equip the new building with state of the art equipment which would allow Maine to build on its reputation for excellence in the fields of pulp and paper teaching and research as well as industrial service.

Included in the dedication ceremony will be the unveiling of cast and engraved plaques noting the generosity of more than 140 corporate and individual donors who have made the new facility possible. Included in the list are more than 50 Maine

firms which have made gifts along with donors located in more than two dozen additional states.

In addition to Mr. Palm, retired executive vice president of Westvaco Corporation, members of the Fund Raising Committee were: Edward T. Bryand, Honeycomb Systems; Jack Chinn, Madison Paper Industries; Dana B. Dolloff, ITT-Rayonier, Inc.; Judson Hannigan, Champion International Corporation; Eli Karter, Mead Corporation; John A. Luke, Westvaco Corporation; William S. Lucey, Beloit Corporation; Richard W. Noyes, Great Northern Paper; Allyn Taylor, Cianbro Corporation, and James G. Vamvakias, Woodlands Builders.

As noted in an accompanying story while there has been a great success in securing gifts valued at more than \$3.0 million, there are still a few remaining equipment needs which will be met through gifts to be made in 1989. For further information about outstanding equipment needs contact the Foundation Executive Director, Stan Marshall, at the Foundation office or ask Stan to put you in touch with Mr. Palm.

**April 13 - 14**

### Open House Program at a Glance

#### THURSDAY AFTERNOON

- 2:00 STUDENT/INDUSTRY PANEL  
Fred Fosmire  
Weyerhaeuser Company  
"Staffing the Paper Industry  
in the Year 2010"
- 4:00 CHEMICAL ENGINEERING  
STATUS REPORT
- 4:20 PULP AND PAPER  
FOUNDATION  
ANNUAL MEETING
- 5:00 DEDICATION OF JENNESS  
HALL PULP AND PAPER  
LABORATORY ADDITION
- 6:00 SOCIAL HOUR  
ANNUAL BANQUET  
Andrew Sigler  
Champion International  
"Approaching the 21st Century:  
New Issues Facing the Industry"

#### FRIDAY MORNING

- 8:30 BREAKFAST SEMINAR  
Dr. Esther Rauch  
"Saying What You Mean -  
Meaning What You Say"

#### A NEW FEATURE - TWO PANEL SESSION

- 10:00 "Career Planning After College"
- 11:00 "Communications in the  
Engineering Curriculum"
- 10:00 - 12:00 PAPER MACHINE  
DEMONSTRATION
- 10:00 - 12:00 FACULTY RESEARCH  
PRESENTATIONS
- 12:00 CLOSING LUNCHEON  
Dr. Wayne A. Hamilton  
Associate Engineering Dean  
"Preparing for the Future:  
Taking Chances/Seizing Opportunities"