SUMMER ISSUE
1963

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The BOBBIN & BEAKER. Organized in November, 1939, by Iota Chapter of Phi Psi Fraternity, and published and distributed without charge four times during the school year by students of the Clemson College School of Industrial Management and Textile Science. All rights reserved.

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Once again a new Bobbin and Beaker staff has the task of strengthening the link between the textile industry and the college student. At this time the staff wishes to extend to each and every reader an invitation to submit suggestions on any particular phase of our publication. We are, at all times, open for suggestions concerning the type of material you want to read. This is your magazine, and the staff wants to make it as enjoyable and educational as possible. Let us know what you like!

The new staff is headed by Jerry W. Blackwood, a textile management major, from Gaffney, South Carolina, as Editor. Gary A. Hall, a textile science major, from Greenwood, South Carolina, will serve as Business Manager. The new Circulation Manager will be Douglas V. Rippy, a textile management major from Clinton, South Carolina. Steven D. Tucker, a textile management major, from Spartanburg, South Carolina, has the position of Advertising Manager. The Managing Editor will be Henry M. Poston, a textile management major, from Johnsonville, South Carolina.

We take pride in dedicating this issue of the Bobbin and Beaker to Dean Gaston Gage. Our congratulations and heartfelt thanks are extended to Dean Gage.

—Jerry W. Blackwood, Editor
DEAN GAGE RETIRES

By Henry M. Poston, TM '65

At the close of this academic year, Clemson College will lose the services of an esteemed man who has dedicated much of his life preparing young men to enter the textile industry. Dean Gaston Gage has announced his plans for retirement after an outstanding service record of thirty-one years to our school.

Gaston Gage was born in 1898 at Chester, South Carolina, attended Chester's graded schools and graduated from Chester High School. He attended the University of South Carolina, served briefly in World War I, and entered Clemson College in January, 1919, after being discharged from the Army. He received his B.S. degree in Textile Engineering from Clemson College in 1921.

After leaving Clemson, he went to work for Baldwin Mills at Chester, which later became one of the Aragon-Baldwin groups of J. P. Stevens and Co., Inc. Mr. Gage worked here until the summer of 1932, serving as paymaster, second-hand of the weave room, and overseer at various times of the card room, spinning room, and cloth room. He returned once more to Clemson in September 1932, as an instructor in the Yarn Manufacturing Department of the Textile School. He furthered his education at the University of North Carolina in 1935 and 1936 and earned his M.Ed. at Penn State in 1941. He was promoted to Associate Professor in 1943, a full professor in 1946, appointed head of the Yarn Manufacturing Department in January, 1949, appointed Acting Dean of the School of Textiles on July 1, 1957, Dean of the School of Textiles in October 1958 and continued in this capacity when the School of Textiles was combined with the Industrial Management Department to form the School of Industrial Management and Textile Science on July 1, 1962.

Dean Gage has served on the Faculty Athletic Committee and on the class schedule committee for over twenty years. He is also proud of the fact that he was at the organizational meeting of IPTAY, was a Charter Member, and has been a continuous member ever since. He is active in many civic and religious organizations and has served as chairman of the Board of Stewards, and superintendent of Sunday School of the Clemson Methodist Church. He has also served as chairman of the Board of Trustees for the local school system.

Mr. Gage was married to Ruth Vardell on April 9, 1927. They have two sons, both of whom graduated from Clemson in Textile Engineering, one in 1951, the other in 1955.

Dean Gage is a member of the Kappa Alpha Order, Phi Psi Fraternity, the American Society for Testing Materials, the International Organization for Standardization Technical Committee on Textiles, the American Society of Quality Control, National Council for Textile Education, the Textile Institute, and the Southern Textile Association.

It would take many more pages to list all the achievements of this outstanding man. We have merely attempted to summarize and give you a brief view of a life of dedication, loyalty and service. The Bobbin and Beaker Staff joins the faculty and students of the School of Industrial Management and Textile Science in extending a salute and wishing the best luck to you, Gaston Gage.
A. A. T. T. Progresses During Second Year

By Wesley Connelly, T.M. '65

The Clemson student chapter of AATT has, been increasingly active as it has progressed in its second year at the college.

The members have participated in two field trips. First semester they toured Deering-Milliken Research Corporation in Spartanburg where they also had lunch. On the same trip the group was shown through Saco-Lowell Shops in Easley, S. C. Of special interest was a prototype set-up of the continuous automated spinning system.

During the second semester the AATT sponsored a trip to Wunda Weave Carpet Mill of Greenville.

As a special project the AATT sold Christmas cards to raise funds. In April the club held their annual banquet at Dan's Dining Room. Special guests were Dean Gaston Gage and Mr. Robert A. Hudson, chief engineer of Saco-Lowell Shops in Easley. Mr. Hudson, speaker for the evening, talked on the history and development of Saco-Lowell since its beginning in 1813. The Club presented Gaston Gage, Dean of the School of Industrial Management and Textile Science, with a silver cup in honor of his service to the school for the past thirty-one years.

The new officers for the 1963-64 school term were recently elected. Doug Tucker is AATT's new president. He is a rising Senior from Spartanburg and is majoring in T.M. The newly-elected vice-president is Henry Poston from Johnsonville, S. C. He is a T.M. major. Secretary for next year is Wesley Connelly of Spartanburg. He is a rising Junior and majors in Textile Management. Nixon Dobey, also of Spartanburg, is the new treasurer. Nixon is a T.M. major and is a rising Senior.
I came to Clemson to teach in September 1932. I had graduated in 1921 and had worked at the old Baldwin Mill at Chester since. I came to Clemson to fill in for one year while "Snake" Lee was away doing graduate work. At the end of the year he asked leave for another year and I was asked to stay. By the end of this second year the enrollment had increased to the point where another teacher was needed and I was asked to stay on. I have been here since—thirty-one years.

Since joining the faculty I have had two sons and four nephews to graduate. I now have a grand-nephew in school. Three of my nieces married Clemson men.

I have been on the Athletic Council for twenty-seven years. I saw football come from the place where a tie with P. C. was a moral victory to a win in the Orange Bowl, from a sell out crowd of 11,000 against Wake Forest on Old Riggs Field to 46,000 against the University of South Carolina. I sat in a meeting in Mr. Jake Woodward's office with Rube Fike and six others at the birth of IPTAY. The ten dollars I took out of my billfold that night dealt it a severe blow. I view with pride the accomplishments of this child. I know a number of holders of good jobs in the textile industry who were educated at Clemson by IPTAY.

I retire from this job on September 1, 1963. I have had a wonderful time at Clemson. I value highly the friendships I have been able to make. Some of my staff members think I know everybody in the textile industry. That is an exaggeration, but I do know many people.

Wallace Trevillian will succeed me as Dean on September 1. He has been at Clemson sixteen years. He organized and built the Industrial Management Department. May I commend to you the organization I leave behind.

—Gaston Gage
Outstanding Seniors...

Lewis M. (Mickey) Clyburn

Mickey Clyburn is a twenty-one year old Textile Management major from Kershaw, South Carolina. He has had experience working during the summers for Leroy Springs and Company in Kershaw.

Mickey was in the Pershing Rifles and he is now enrolled in Air Force ROTC. After graduation he is going into the Air Force.

While at Clemson, Mickey has been active in the Hall Supervisor's Association, Phi Psi, and Delta Phi Kappa. He is presently editor of the Phi Psi Fraternity.

Mickey is the hall supervisor for D-5. He has received a Chemstrand Scholarship to help finance his education.

Ben Smith, a twenty-one year old Textile Management major, commutes from Fountain Inn, South Carolina. Ben is married and has a little girl, Deborah Denise, who is thirteen months old.

Ben is a member of Phi Psi Fraternity and has also participated in the Glee Club.

By Marshall White, T.C. '65

Ray Sherbert is a Textile Chemistry major from Woodruff, South Carolina; he is twenty-one years old and is married. Ray has a son, Thurman Ray, Jr., who is one year old.

Ray is a member of Phi Psi Fraternity and Treasurer of the AATCC. He received the AATCC Award for 1963.

After his graduation, Ray plans to attend graduate school at Clemson.

Ray has received an Inman-Riverdale Scholarship for four years and a Carolina Yarn Association Scholarship for one year.

To help finance his education, Ben has received a Chemstrand Scholarship. He has gained experience by working for Southern Bleachery and Print Works in Taylors, South Carolina.

Summer Issue 1963
The AATCC Student Club meets every second and fourth Tuesday of each month in the Phi Psi Lounge to discuss plans in which the club wishes to participate throughout the year.

This year the club visited four plants which included Riegel Textile Corporation plant at Ware Shoals, Chemstrand Corporation plant at Greenwood, Deering Milliken Research Center at Spartanburg, and Lyman Printing and Finishing Company at Lyman.

We observed the printing and finishing operation at Riegel and ended the guided tour with an informal discussion with Mr. Cecil Thompson, General Superintendent.

At Chemstrand we received an explanation of the Nylon process in the plant conference room before observing the various processes used by Chemstrand to produce the Nylon fiber.

We toured the various laboratories at the Deering Milliken Research center which concluded with a brief explanation of the laboratory operation by the specialist of rayon, cotton and chemicals.

A tour through Lyman Printing and Finishing Company gave us a brief glance at their printing, dyeing and finishing operation. We also toured the engraving operation where we observed the photo-engraving procedure and the pantograph procedure of manufacturing print rollers of various patterns for printing.

The club elected the officers for next year at their meeting held on April 9, 1963. President for the coming year is Randy Prater, TC major from Seneca, S. C.; Vice President is Bill Hawfield, TC major from Lancaster, S. C.; Secretary is Charles Funderburke, TC major from Rock Hill, S. C. and Treasurer Robert Fulmer, TC major from Leesville, S. C.

Two suppers were planned for this year. The first was held on December 11, 1963, with guest speaker Mr. Lawrence Kogen, Chemist of Standard Brands, Inc., who spoke on Bacterial Alpha Amylose.

The second supper is scheduled before the end of the semester.
BOOK REVIEW

One of the most recent additions to Sirrine Library is "Industrial Engineering Manual for the Textile Industry" by Norbert Lloyd Enrick. We consider this book a must for every college graduate directly or indirectly connected with the textile industry.

Professor Enrick divides his book into three main parts:


For more information contact Professor Enrick, University of Virginia Graduate School of Business Administration, Charlottesville, Virginia.

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Since the fall issue of the "Bobbin and Beaker," Iota Chapter of Phi Psi has initiated five new members. These new members were treated to a steak supper at Dan's on March 18, together with the rest of the Iota Chapter.

The new members are Sonny White, a Textile Chemistry sophomore from Rock Hill; Hank Baumann, a Textile Management sophomore from Greenville; Bill Davidson, a Textile Management junior from Avondale, N. C.; Spencer Bates, a Textile Chemistry junior from Swannanoa, N. C.; and Barry Barrineau, a Textile Management senior from Lake City. All five of these new brothers have done outstanding work here at Clemson and we are glad to have them as members of Phi Psi.

At the meeting on April 1, the officers for next year were elected. They are: Doug Rippy—President, Jerry Blackwood—Vice-President, Michael R. Prater—Treasurer, Steven D. Tucker—Secretary, Sonny White—Corresponding Secretary, Don Shirley—Senior Warden, and Gary Hall—Junior Warden. All of the new officers are juniors except Don, a senior, and Sonny, a sophomore.

Doug is majoring in Textile Management and hails from Clinton. He is the new Circulation Manager for the "Bobbin and Beaker" and is also on the "TAPS" staff and in A.A.T.T. Jerry, the new Editor for the "Bobbin and Beaker", is from Gaffney and is majoring in Textile Management. Michael Prater, a Textile Chemistry major, is from Seneca. Don is from Cateechee and Steve is from Spartanburg, and they both major in Textile Management. Gary Hall, a C.D.A. junior staffer from Greenwood, is majoring in Textile Science.

We, of Iota Chapter, would like to wish all the graduating seniors the best of luck in their jobs or in the service because we feel they are "the best." They are "Clemson Men."
Remember...

For the sixth summer the School of Industrial Management and Textile Science is offering a short course program for those in the Textile industry and related fields.

The first two courses, Yarn Manufacturing and Fabric Development, are especially recommended for the college graduates, other than textile school graduates, who will enter industry this June. This program will serve them well, regardless of what phase of the industry they enter. It will be ideal for those entering a training program or for those going into the various staff fields. High school graduates will benefit.

YARN MANUFACTURING—Theory and Laboratory—Date Offered—June 10 or July 8, 1963 (3 weeks)

FABRIC DEVELOPMENT—Theory and Laboratory—Date Offered—July 8, 1963 (3 weeks)

SUPERVISOR DEVELOPMENT—Theory—Date Offered June 10 or July 8, 1963 (3 weeks)

METHODS ANALYSIS & TIME STUDY—Theory and Laboratory—Date Offered—June 17 or July 15, 1963 (2 weeks)

BASIC TEXTILE CHEMISTRY—Theory and Laboratory—Date Offered—July 15, 1963 (2 weeks)

ADVANCED TEXTILE CHEMISTRY—Theory and Laboratory—Date Offered—July 29, 1963 (2 weeks)

Cost. For each course the cost will be:

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I. M. S. ENJOYS SUCCESSFUL YEAR

The Industrial Management Society has had another successful year with a full calendar of field trips, lectures, and banquets.

Last semester I.M.S. again had the opportunity of visiting Carling’s Brewery in Atlanta. The Ford Motor Assembly Plant and the Winn Dixie plant in Greenville were also visited.

We were very fortunate in having three outstanding speakers to address us this year. These included: Dr. F. A. Burtner of the Sociology Department, Associate Professor L. M. Bauknight of the Agricultural Economics Department, and Mr. D. G. Hughes, the Placement Director here at Clemson.

Two banquets, one each semester, have highlighted our social activities for the year.

The newly elected officers for next year are: president, Jack Fallaw from Belvedere; vice-president, Henry Milam from Ninety Six; treasurer, Bill Clement from Spartanburg; historian, Nathan Derrick from Columbia.

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THE SOCIETY FOR ADVANCEMENT OF MANAGEMENT MAKES SIGNIFICANT GROWTH

The Society for Advancement of Management is now completing the most successful year in its history at Clemson. During the 1961-62 school year, the Clemson Chapter of S.A.M. won national recognition for the tremendous membership growth which it enjoyed. Over eighty members were on the roll of the society during the first semester of the year now coming to a close. The officers, who have served S.A.M. so effectively during the second semester of this year, are: Bill Smith, president; Ronald Barrett, secretary; Terry McMichael, Treasurer.

Among the outstanding speakers, who have taken part in S.A.M. programs during the year have been Dr. Hugh Macaulay, Dean of the Graduate School at Clemson College, and Mr. R. A. (Tony) Pearson, a local resident, who does personnel work for the worsted and woolen divisions of Deering Milliken, Inc., and is a member of the Senior Chapter of the Society for Advancement of Management in Greenville, South Carolina. The President of the Senior Chapter, Kenneth J. Scarlett, a management consultant from Greenville, presented an excellent address on “Future Advancements in Management”, during the joint meeting of the student and senior chapters held early in March on the Clemson campus. In addition to the talk by Mr. Scarlett, the joint meeting included dinner and a visit to the planetarium in the new Physics Building.

One of the highlights of the entire year was the visit to Clemson made by Mr. and Mrs. Harold Fischer on March 29, 1963. Professor Fischer is President of the University Division of the Society for Advancement of Management. Representatives of the student chapter met with the Fischers both in Greenville and at Clemson. A dinner meeting, during which Mr. Fischer spoke to the student chapter members, was a feature of the program for the day, which, also, included visits to the Calhoun Mansion and the Hanover House.

Perhaps the most significant accomplishment, noted by Mr. Fischer during his visit, was the close cooperation between the Student Chapter of S.A.M. at Clemson and the Senior Chapter in Greenville. The best example of the relationship between the two groups was the conduct of the Career Day program at the college on March 26, 1963. At this time representatives of seventeen areas, within which Clemson graduates might find good opportunities to pursue their life’s work, were on campus to talk with any student, who was particularly interested in their special field. Among the vocations represented were banking, insurance, accounting, sales, personnel, production control, operations research, and several types of engineering. Specific opportunities in the textile field and for military careers were presented for the consideration of those who were interested.

Another extremely important program sponsored by the Society for Advancement of Management, which seems to warrant repetition annually, was the forum on ethics in business, held for the first time on April 23, 1963. Other activities of the Society for Advancement of Management have included student discussion of topics of current interest, a demonstration by Southern Bell Telephone and Telegraph Co., representatives of the Telstar system of communication, and several interesting field trips. Among the plant visits, made by S.A.M. members during the year, were tours of the Jantzen facilities in Seneca, the Dunlop plant in Westminster, and the Buick, Oldsmobile, Pontiac Division of General Motors Corporation in Doraville, Georgia.

We all hope that those students who are interested in joining our group will contact us soon, take part in some of our functions, and become active members of S.A.M.
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