

## Madame Suzanne Silvercruys Lectures And Models Head at Fuller Assembly

### Belgian Artist Says Art Offers Escape From Daily Routines

Mme. Suzanne Silvercruys, Fuller lecturer, spoke before a capacity crowd in Alumni Gymnasium on Wednesday, December 13. Wearing boots and a high fur-covered hat, she advocated some form of art as a means of expression and diversion from the daily routine of modern life.

During the lecture, Mme. Silvercruys modeled a portrait head of Donald Smith, new president of the Junior class. She began with a wire armature and using this as a base completed the model in plastalina.

Mme. Silvercruys said: "Art has no nationality, no frontiers, no boundaries—art belongs to all the people—the people of all time. Art belongs to those who crave for beauty in any form. Art is the food of the sensitive part of intellectuality, it touches minds, hearts, souls. To some, art is even more; it gives them opportunity to express and create. It gives them an outlet, a solid substance for their inner emotions. Art is not something intangible and extraordinary. Art is only the beautiful way of doing things."

She went on to say that few people can work with their hearts and their hands. Most people just exist; few people live. The lecturer said that the great dead live through the beauty they left behind.

Continuing: "The mission of art should be to uplift, to stir, to move people in a way that is good for them, to give a deeper appreciation of being really alive."

"Sculpture is Truth because it reproduces in all dimensions.

"In my mind, modern sculpture can only be great if it goes so far in eliminating unnecessary details that it gets to the core of the truth and is overpowering in its simplicity.

## Christmas Party For Faculty Children Thurs.

A Christmas party is being given for the faculty children Thursday December 21, at 4:30 p.m. in Sanford Riley Commons. Mrs. A. J. Schwiager is in charge of the preparations for the party. Santa Claus will visit the party from five till six o'clock, and presents will be exchanged at this time. It is hoped that movies can also be obtained for the entertainment.

The leaders of committees are all faculty wives and are assisted by their husbands. In charge of entertainment are: Mrs. M. L. Price, and Mrs. E. Higgenbottom; in charge of candy, Mrs. E. W. Armstrong, while Mrs. F. W. Grant and Mrs. Phillips are in charge of tables, and Mrs. V. Siegfried and Mrs. H. B. Feldman are supervising the decorations.

This year's faculty Christmas party is a continuation of a long series of this type of party, which has become traditional on the Hill. Sanford Riley Commons will be decorated with green trimmings and of course a large Christmas tree. In the past there have been over fifty children present and an equal turnout is expected this year. The children bring presents with them and exchange among themselves. Needless to say the children have a great deal of fun, and are at present anticipating the party eagerly.

"In these times which try men's souls, when the struggle for material well-being seems to be so difficult, when worries of tomorrow seem to overshadow every hour, there should be more than ever the relief of a few minutes of dreams. There should be moments of escape when the soul can arise

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PRESIDENT CLUVERIUS

## Holiday Season Greeting From Our President

"My felicitations to the student body upon beginning the Holiday Season.

"Christmas is properly a family festival and I trust that all hands may enjoy the holidays with those that are nearest and dearest to them."

(signed) Wat Tyler Cluverius

## '41 Nominates Class Officers

### Elections To Be Held In Boynton Library From 9-12 A. M. Tues.

The remaining Junior Class officers will be chosen by the class on Tuesday, Dec. 19. Don Smith was elected president last month. Voting will take place in the Boynton Hall Library from 9:00 a.m. until 12 p.m. noon.

A fine group of candidates were nominated for each office. For vice-president there are, Harry D. Kingsley, Worcester, Mass.; Russel W. Parks, Cincinnati, Ohio.

For treasurer there are, A. Ranger Curran, Springfield, Mass.; Hilliard W. Paige, New London, Conn. and William F. Paulsen, Mansfield, Ohio.

For secretary there are: Edward M. Bates, Great Neck, N. Y.; Frederick Benn, Jr., Springfield, Mass., and Joseph W. Whitaker, Jr., Norton, Mass.

For the position of Historian there are the following men: Kenneth B. Benson, West Hartford, Conn.; John S. Ingham, Ludlow, Mass., and James C. Ferguson, Bellows Falls, Vt.

Members of the nominating committee which picked these men are: R. Curran, Douglas, Gurney, Hopkins, Kennedy, Robertson, Swanson, and Wells.

## Kinnicutt Hall Dedication Jan. 18

The formal dedication of Kinnicutt Hall will take place on January 18, 1940. The new hall is named in remembrance of Prof. Leonard Parker Kinnicutt, former professor of chemistry at Worcester Polytechnic Institute. The program for that Thursday night will start with a dinner at Sanford Riley Hall, followed by dedication speeches in the new Hall by Dr. Walter L. Jennings and Dr. A. Wilner Duff former

(Continued on Page 3, Col. 2)

## Plans Completed For Gala Interfraternity Ball, Dec. 20

### Faculty Eliminate Third Honor Group

First Honors Remain  
At 85% and Up; Second  
Honors 80% to 85%

Effective immediately there will be no third honors. The matter of discontinuing these third honors, that is, a weighted average for 75 per cent to 80 per cent has been well discussed by the faculty. Now with the last honors cut out, second honors range from 80 to 84.9 per cent and first honors, 85 per cent or above.

This matter of having cut third honors was not decided on the spur of the moment. Last year in the freshman class, over 50 per cent received honors. Most of the honors were naturally low but they were justified in receiving honors. According to the faculty, a school of such high caliber as Worcester Tech should have honors which include as much as 50 per cent of the student freshmen.

An honor now is just what the title implies. He is a student supposedly receiving such marks as to be noted for and benefited by receiving honors. Seventy-five per cent is far from being a low mark here at Tech, but the faculty jointly agreed that it certainly wasn't worthy of honors. There may be no more third honors but there are still first and second, and perhaps this change will put more incentive in the minds of Tech students and make them still want to receive honors.

## Freshman Class Chooses Nominating Committee

Last Thursday night the Freshmen class met at 7:15 in Sanford Riley Commons to elect a nominating committee so that the class elections may be held before the Christmas recess if possible. The constitution of the class has also been drawn up and discussed; it will be voted upon by the Freshmen class after the next Chemistry Lecture period which comes on Tuesday, Dec. 19.

It was decided at the meeting to elect the nominating committee without waiting for the approval of the constitution; in this way some time can be saved. At the meeting in Sanford Riley Commons the Dorm residents elected their committee as follows: first floor representative, Bill Allen; second floor, Bert Marsh; third floor, Paul Atkinson; fourth floor, Bob Pim. The representatives from the city students were elected immediately after the Chemistry Lecture on Thursday morning, they are Bob Green and Dick Stoliker.

The nominating committee is to meet and elect a chairman, and then nominate three candidates for each class office. These nominees will be presented at the next class meeting and will be voted upon together with any further nominations from the floor. If a majority is attained by any nominee he will be considered elected, otherwise a revote will be held.

## Red Norvo To Feature Event at Hotel Bancroft

Reservations For 175 Couples  
Made; Formal Dinners and  
House Parties For Guests

Plans are completed for the highlight of the winter social season, the Interfraternity Ball, to be held at the Hotel Bancroft on Wednesday, December 20. Red Norvo and his band of swingsters, accompanied by Kitty Lane, will provide the music and about 175 reservations have already been made. Many of the houses are entertaining their guests at formal dinners before the dance, and several houses are conducting house parties for that night. The reservations are listed on page two.

## Fraternities Enter Yuletide Spirit

### Banquets, Parties For Poor Children Top Events

Although the festival of Christmas was never a part of Greek culture in the days of Homer, this period of good cheer and fellowship among men is intrinsic to the ideals of the 1939 Greeks of Worcester Tech. Through the humdrum, monotonous routine of a strictly engineering curricula, there comes at Christmastide a marked levity in all faculties of the College. What more opportune time could there be for the Greek-letter Fraternities to enhance their pertinence to the existence of fellowship and good will among the members of the Faculty, Alumni, Students, and other persons interested in the well-being of the Institute?

Inasmuch as the fundamental creed of all fraternities is best expressed as "good feeling among men," the propagation of this ideal is the theme of all of Tech's Greeks during this Christmas of 1939. Each band of Greeks at the College has its own method of manifesting its interest in Christmas, but collectively, all the fraternities take this opportunity to wish all readers of the TECH NEWS a Merry Christmas and a Happy New Year.

Phi Gamma Delta held its annual Christmas Dinner Sunday at the Fraternity house. All members of the fraternity and many Alumni were invited to participate in the festivities.

Sigma Alpha Epsilon held its annual Alumni Reunion and Christmas Dinner on Sunday. The affair was attended by all active members, about fifty Alumni, and all pledges, and several guests of active members. Theta Chi is having a Christmas party on Wednesday evening following the Inter-Fraternity Ball. All members and pledges will exchange gifts at this party.

Phi Sigma Kappa held its Christmas dinner on Sunday which was attended by all actives and pledges. Last night they entertained fourteen poor children of Worcester, with a Christmas tree and presents.

Sigma Phi Epsilon held a "Vic" dance

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## MADAME SILVERCRUYS IN ASSEMBLY



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## Editorials

### The Spirit of Christmas



Christmas, 1939, is less than a week away, but how many of us have stopped to consider it, to realize the significance of the word? The most enjoyable, the happiest season of the year is at hand, yet how many students on the campus have been caught by the real spirit? Very few, is no doubt the answer.

However, there are evidences of the occasion on the campus with several of the fraternities holding Christmas parties or dinners. Alumni are welcomed back in some instances and everyone enjoys the fellowship of the occasion. Indeed, some are conducting a mock affair of the traditional giving of gifts about the Christmas tree. But although the party is one of great merriment, the real spirit of Christmas has not penetrated,—the fun is over as soon as the laughter dies out.

Christmas should bring the sharing of joys and opportunities with others less fortunate. No doubt, such will be the student's contact when he reaches home on Friday. But here on the campus there is opportunity to spread good cheer by aiding others, for only in that way can we be happiest ourselves. At least two of the fraternities on the campus have recognized the value of sharing their joy with others, in this case, some underprivileged youngsters of the city. But the happiness reciprocated, for the cheery smile of surprised young fellows is something more than a mere joke. It penetrates beneath the surface and adds joy of a more lasting nature to the giver's life. Yes, the idea is an excellent one and should be kept in mind by others who might have the opportunity next year, if not now.

But actually, the spirit of Christmas should prevail throughout the year if we are to have an ideal Christian world. Not only does one get great personal satisfaction from helping others, but in doing so one forgets his own problems. As Lincoln once said, "To ease another's heartache, is to forget one's own." Let's have more Christmas spirit!

### Why Not?

This vacation offers an excellent opportunity for each of us to advertise our college. It gives us a chance to tell friends and acquaintances about Tech and about the unlimited opportunities it has to offer in the way of scholastic attainment, athletics, extra curricula activities and social life. We want other people to know Tech as we know it and the best and quickest way to bring about this end is to tell them about us. Our cue comes when people ask us, "How do you like Worcester Tech?" Right then and there is our chance to give them something to think about or to merely mumble something about "that screw factory". Remember that people are going to repeat what we say about Tech, so why not give them something worthwhile to repeat.

As a starter, point out our new million-dollar building program, then mention something about our faculty, many of them outstanding in their respective fields. Insert a few words about the athletic teams and so on—in other words, make people feel that you are proud to attend Worcester Tech. You will be surprised what a satisfying feeling you will get from answering an inquiry in this manner, and surprised too at how many advantages you had momentarily forgotten yourself. Then too, the person to whom you tell these things is going to feel that he has some real first hand information and will enjoy enlightening others on the subject.

We can spend minutes instead of millions in our advertising if we just go about it in the right spirit, and we can feel confident in our knowledge that every word we utter is true!

### A.I.E.E. Hear Steel Production Talk

**F. B. Crosby, Guest Speaker**

The monthly meeting of the student branch of the A. I. E. E. was held last Friday evening in Sanford Riley Commons. As a guest speaker the electricians had Fred Crosby of the Morgan Construction Company. Mr. Crosby (Continued on Page 4, Col. 1)

### Fraternities

#### SIGMA ALPHA EPSILON

Admiral Cleverius was the guest of Sigma Alpha Epsilon Wednesday evening. After dinner he spoke informally to the Worcester County S. A. E. Alumni Association on the subject of fraternities. The talk was enjoyed by the active chapter and a large group

of local S. A. E.'s. Dr. Carpenter was succeeded by Pete Marsaw W. P. I. '31 as president of the Association.

Formal pledging was followed last Saturday by a banquet and Vic dance at the house.

The annual Christmas Dinner held Sunday was the biggest success in many years. Many alumni were back for the occasion.

### INTERFRATERNITY BALL RESERVATIONS

#### Alpha Tau Omega

Norman Wilson—Miss Jean Tiger, Worcester  
 Harold Robertson—Miss Dorothy Duffy, So. Hadley Falls  
 John Ingham—Miss Doris Clifford, Ludlow  
 James Sheehy—Miss Naomi Mungal, Indian Orchard  
 Donald Packard—Miss Barbara Tourtellotte, Baldwinville  
 Frederick White—Miss Constance Samborski, Worcester  
 Harry Merkel—Miss Kay Pullen, Keene, N. H.  
 Walter Knight—Miss Lois Ayers, Worcester  
 Arthur Wilson—Miss Madeline Holt, Claremont, N. H.  
 Clarence Davis—Miss Clara Ross, Milton  
 Robert Mitchell—Miss Anna Hanforth, Manchester, N. H.  
 Richard Kimball—Miss Olive Hey, Bridgewater  
 Lennart Brune—Miss Bee Chittenden, Pittsfield  
 Kenneth Blaisdell—Miss Jean Randall, Springfield  
 Keith McIntyre—Miss Jeannie Richards, Worcester  
 Warren Keating—Miss Margaret Hogan, Fitchburg  
 Ralph Fritch—Miss Marcia Seward, Melrose  
 Frank Delaney—Miss Ann Corey, East Orange, N. J.  
 Richard Brooks—Miss Lois Legate, Worcester  
 Hamilton McKerrow—Miss Janet Parks, Worcester  
 Harold Crosier—Miss Constance McKerrow, Worcester  
 Eric Linden—Miss Myrilyn Payne, Gainsville, Texas  
 Clinton A. Gerlach—Miss F. Roberta Cape, Quincy, Mass

#### Lambda Chi Alpha

George Bingham—Miss Ruth May, Beverly  
 Blair Benson—Miss Holly Campbell, Plainfield, N. J.  
 Richard Coleman—Miss Elizabeth Swan, Cambridge  
 Ronald Borrup—Miss Mary Crandon, West Hartford  
 Donald Bail—Miss Robert Clark, Belmont  
 William Jackson—Miss Carol Byrd, Worcester  
 Laurence Lantz—Miss Betty Campbell, Melrose  
 Albert Goodrich—Miss Jean Knoll, Worcester  
 Richard Goulding—Miss Mary Darling, Worcester  
 John Benedict—Miss Helen Powers, Worcester  
 Robert Schulteiss—Miss Martha Clancy, Worcester  
 Delbert Betterly—Miss Phyllis Bennett, Worcester  
 Donald Bates—Miss Janet Robbins, Boston  
 Richard Glencross—Miss Edith Congdon, Attleboro  
 Jonathan Allured—Miss Constance Bush, Worcester  
 James Krause—Miss Helen Blanchard, Worcester  
 Earle Webster—Miss Carolyn Wilbur, Melrose  
 Robert Dunklee—Miss Esther Miller, Brattleboro, Vt.  
 Paul Johnson—Miss Gladys Hill, Walpole  
 William Richardson—Miss Ruth Kolb, Worcester  
 David Howard—Miss Janet Deacon, Waltham  
 Edward Bates—Miss Dorothy Young, Worcester  
 Richard Meyer—Miss Betsy Harding, Worcester  
 Robert Angevine—Miss Olive Brown, Worcester  
 Frederick Wackerbarth—Miss Helen Townsend, Worcester  
 Francis Merrill—Miss Betty Thomas, Worcester  
 Stanley Terry—Miss Estelle Deacon, Waltham  
 Arthur Allen—Miss Barbara Lee, Danvers  
 Robert Yaeger—Miss Dorothy Donaldson, West Hartford  
 Graham Douglas—Miss Phyllis Kemp, Worcester  
 Rolfe Johnson—Miss Jeanne Arbuckle, Worcester  
 Charles Hartblower—Miss Luella Eaton, North Quincy  
 Bruce Potter—Miss Priscilla Bolin, Worcester  
 Frank Stableford—Miss Catherine McKenna, Meriden  
 Alfred Weinstein—Miss Arlene Dick, Worcester

#### Sigma Alpha Epsilon

Edward Jacobs—Miss Marjorie Byrd, Worcester  
 Edward Hafey—Miss Verna Hedlund, Worcester  
 Edward Altenburger—Miss Doris Ritter, Englewood, N. J.  
 John Townsend—Miss Sylvia Lewis, Worcester  
 Boyd Abbott—Miss Helen Koski, Worcester  
 Alfred Ashmead—Miss Louise Roe, Suffield, Conn.  
 John Bradford—Miss Deborah Town, Putnam, Conn.  
 Phillip Meaney—Miss Ruth McNamara, Worcester  
 Warren Bradford—Miss Nancy Talbot, Rye, N. Y.  
 Thomas Love—Miss Terry Clay, New Bedford

#### Phi Sigma Kappa

Robert Wilson—Miss Beatrice Allen, Springfield  
 Louis Stratton—Miss Marion Blanchard, Worcester  
 Herbert Brockert—Miss Barbara Starr, New Britain, Conn.  
 Earl Page—Miss Rita Daly, Providence, R. I.  
 W. Downing Messimer—Miss Barbara Rockwell, Chicago  
 Gordon Raymond—Miss Nancy Christensen, Windsor, Conn.  
 Phillip Bartlett—Miss Dorothy Stephan, Grafton  
 Robert Grant—Miss Patricia Disney, Worcester  
 Thomas Wingardner—Miss Jean McClintock, Spokane, Wash.

Clark Goodchild—Miss Bette Daniels, Worcester  
 Walter Sodano—Miss Virginia Koski, Worcester  
 Donald Smith—Miss Betty Cooper, Springfield  
 John Ford—Miss Helen Tier, Gardner  
 Charles McDonald—Miss Shirley Rocheford, Worcester  
 Richard Dyer—Miss Polly Carpenter, Framingham

#### Phi Gamma Delta

Pliny Wood—Miss Gladys Tomajan, Holden

Albert Tenney—Miss Patricia Bell, Philadelphia  
 Arron Naboichick—Miss Elaine Sharfman, Worcester  
 George Peck—Miss Elizabeth Main, Norwich, Conn.  
 Carl Fritch—Miss Betty Lloyd, Worcester  
 Rodney Paige—Miss Betty French, Worcester  
 Charles Hoebel—Miss Norma Forsberg, Worcester  
 Allan Ramsey—Miss Marguerite Getz, Swarthmore, Penn.  
 Allan Anderson—Miss Dorothy Fenner, Worcester  
 William Bosworth—Miss Ethel Berry, Worcester  
 Noel Totti—Miss Nancy Friar, Worcester  
 William Crandell—Miss Betty Devine, Norwich, Conn.  
 Walter Lang—Miss Maria Totti, San Juan, P. R.  
 Merrill Higgins—Miss Barbara Shepard, Worcester  
 Raymond Mathews—Miss Priscilla DeMallie, Worcester  
 David Kuniholm—Miss Frances Palmer, Worcester  
 Harold Cameron—Miss Carolyn French, Worcester  
 William Ames—Miss Nancy Terry, Fairhaven  
 Etienne Totti—Miss Joan Bohaker, Worcester  
 Hilliard Paige—Miss Theodate Belcher, Indianapolis, Ind.  
 Donald Ramaker—Miss Miriam McCormack, West Medford  
 Harold Shaller—Miss Gloria Field, Worcester  
 Robert Hankel—Miss Charlotte Perry, Medford  
 Robert Muir—Miss Shirley Hines, Worcester  
 Warren Hotchkiss—Miss Gretel Carlson, Worcester

#### Sigma Phi Epsilon

Donald Atkinson—Miss Barbara Boyd, W. Hartford, Conn.  
 Kenneth Dresser—Miss Jane Gray, Worcester  
 Arnold Swanson—Miss Norma Nordlund, Dorchester  
 Morey Hodgman—Miss Jane Taylor, Worcester  
 Benjamin Lambert—Miss Constance Keene, Marshfield  
 Randall Whitehead—Miss Florence Swenson, Boylston  
 Donald Alden—Miss Betty Schroeder, Norwood  
 Robert Lotz—Miss Carolyn Lewis, Worcester  
 Robert Fleming—Miss Joyce Everleth, Paxton  
 Lester Bolton—Miss Dorothy Harback, Worcester  
 Harold Crane—Miss Virginia Rose, Worcester  
 Raymond Forkey—Miss Janet George, Worcester  
 Benjamin Phelps—Miss Pauline Schorer, West Hartford, Conn.  
 Barton Douglas—Miss Marie Hammerstrom, Worcester

#### Theta Chi

Judson Lowd—Miss Carolyn Murphy, Northampton  
 Robert Swift—Miss Anne Gerrish, Spencer  
 John Bentley—Miss Priscilla Woodbury, Worcester  
 Roger Brown—Miss Marjorie Gale, Reading  
 William Ferguson—Miss Dorothy Smith, Holyoke  
 William Paulsen—Miss Hortense Allen, Springfield  
 Philip Walker—Miss Elizabeth Newhauser, Farmington, Conn.  
 Kenneth Parsons—Miss Mary Hazelton, Turners Falls  
 Robert Newton—Miss June Dunleigh, Worcester  
 Spaulding Arnold—Miss Dorothy Pierce, Utica, N. Y.  
 Robert Sullivan—Miss Aina Sandberg, Dedham  
 Philip Hastings—Miss Joan Colton, Worcester  
 Ted Meyer—Miss June Teavitt, Framingham  
 Robert Roulston—Miss Shirley Lavallee, Worcester  
 Fred Sherwin—Miss Lora Gates, Shrewsbury  
 Henry Paulsen—Miss Doris Marshal, Worcester  
 David Officer—Miss Virgie Pfeffer, Framingham  
 Frederick Chamberlin—Miss Millicent White, Brooklyn, N. Y.  
 Frank Stevenson—Miss Ruth Cavenough, No. Andover  
 Richard Robinson—Miss Jane Carpenter, Framingham  
 Frederick Benn—Miss Marjorie Usher, Worcester  
 David Saunders—Miss Adaire Barber, Garden City, N. Y.  
 Leland Ekstrom—Miss Dorothy Davis, Worcester  
 Barkely William—Miss Priscilla Swett, Worcester  
 Richard Weiss—Miss Patricia Few, Washington, D. C.

#### Theta Kappa Phi

James Hoar—Miss Nancy Tiger, Worcester  
 A. Ranger Curran—Miss Eileen Donnelly, Bridgeport, Conn.  
 Peter Gaidis—Miss Mary Prostack, Worcester  
 Robert Zickell—Miss Vivian Rathey, Worcester  
 George d'Hemecourt—Miss Nell Paul, Brookline  
 Arthur Malboeuf—Miss Helen Karpawich, Worcester  
 Salvatore Bellissai—Miss Ruth Belain, Worcester  
 Thomas Graham—Miss Julia Shultz, Worcester  
 Daniel Usanis—Miss Helen Gudaone, Windsor, Conn.  
 Noel Maleady—Miss Pauline Hagberg, Worcester  
 Roland Guay—Miss Dorothy Karpawich, Worcester  
 Frank Lucca—Miss Margaret Schaeffer, Worcester

#### Sigma Omega Psi

Leonard Goldsmith—Miss Claire Ravitz, Worcester  
 Merrill Skeist—Miss Dorothy Vernon, Dorchester  
 Irving Breger—Miss Ruth Oppenheim, Dorchester  
 Herbert Goodman—Miss Pearl Ritz, Worcester  
 Burton Franklin—Miss Harriet Corbin, Worcester  
 Gerald Lainer—Miss Sylvia Lapp, Worcester  
 Saul Kulin—Miss Alyce Arculis, Southbridge



## Sports Sidelights

By Charles L. Hoebel

Tech reopens its basketball schedule after the Christmas recess on Saturday, Jan. 6, 1940, when it entertains the team from Fitchburg State Teachers College. The Teachers will bring with them several freshmen on the varsity, having lost most of their regulars of last year's team, which took the title in the New England State Teachers College Conference. . . . Though names are not available as we go to press, several of the Fitchburg players are Worcester men, which should make the game doubly interesting for Worcester game-goers. . . . It will be a slightly different case from last Saturday when the Fitchburg team arrives, at least in one respect. That game is the first on their schedule, while Tech will have one gone, instead of coming up green as they did against Bates, who had two gone. . . . Fitchburg will also bring along a Junior Varsity team for the preliminary against the Tech Junior Varsity, who nipped a green Trade School team last Saturday before they had much of a chance to get under way. . . . Professional teams in Worcester are keeping in circulation two of the exceptional players who up to last year played against the Engineers. Chet Jaworski, ace sharpshooter with the Rhode Island Rams, holder of many scoring records in New England, rivaling the famed Hank Luisetti's records, is active with the Norton Company's five, member of the Mass State Semi-Pro Basketball League. Saturday night he chalked up 16 of his team's 45 points, as Norton won by one slim point. Also on the Norton team, teamed in the rear court with Jaworski, is Lou Pick, coach of the St. Anselm College team, newcomer to Tech's schedule this year. . . . Then Sol Nechtem, erstwhile captain and star of the Boston University team, is busy with the newly-organized Worcester All-Stars. Tech followers will remember the high-powered play of Nechtem with Kopecky, burly guard, especially the one-point defeat at their hands last year, even though Nechtem then was hampered by a shoulder injury sustained in football. This Pros team will also boast Ed Krause, line coach of Holy Cross eleven, coach of the new basketball organization there, a former Notre Dame player, famous for three years of play. . . . From reports, well-based, though incomplete, we hear that Al Razlavsky is tossing them in for a Danbury, Connecticut semi-pro team, while Jack Rushton is busy with two teams, the Standard Oil team (he works for Standard Oil), and another local in New Jersey. More on this later. Dave McEwan is not playing this season.

## Fuller Lecture

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above all these earthly things. There should be a few minutes devoted to the discovery of beauty and things beautiful all about us, things we have forgotten to look at, or hear, or feel, in the tedious humdrum and turmoil of everyday existence. For me and I am sure for the most of you, these few minutes can only come through some form of art, some artistic effort and expression."

Mme. Silvercrays closed with ". . . develop a hobby which is all you wish for and you will have found that intangible thing called happiness. It does not matter how good you become. Trying is the happiness not the result."

The speaker was introduced by President Cluverius. The assembly closed with the singing of "Alma Mater" and the "Star Spangled Banner".

President Cluverius entertained Mme. Silvercrays and a few faculty at a luncheon following her talk at 11 Boynton St.

## Kinnicutt Hall

(Continued from Page 1, Col. 3)

head of the chemistry and physics departments, respectively. Later the speaker of the evening, Dr. Van Valkenburg of Clark University will deliver his address, after which the lecture hall will be open for inspection by the alumni.

Ralph Johnson, head of the Worcester County Alumni Association, and George Freeman, who have charge of the dedication, stated that a very large group was present at their fall meeting, and they also hope that a larger group will be present at the coming ceremony.

Dr. Kinnicutt was a beloved old professor and acquired the reputation of being very absent minded. One of the many anecdotes told about him is the one regarding his inveterate habit of smoking cigarettes. One time he walked into a lecture room with a cigarette inadvertently stuck between his fingers. After a short while he noticed the cigarette and hastily made an excuse to leave. When he returned he had in place of the cigarette a piece of chalk stuck between his fingers.

Prof. Kinnicutt was an authority on sewage treatment. He was the first to propose the method of chemical precipitation for water purification. His ideas were put into practice for the first time when he was engaged by the city of Worcester to direct the installation of the first plant using his method in America. When Dr. Kinnicutt died February 7, 1911, he bequeathed a trust fund to his wife which was later to be turned over to the Institute. When his widow died a few years ago, she left \$87,800 from Prof. Kinnicutt's fund to be used for the advancement of sanitary chemistry. This fund was ameliorated by \$10,000, also from a bequest by Mrs. Kinnicutt.

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## Swimmers Lose To Williams By 58½ - 16½

Capt. Riddick and Stirling Lead For Tech in Opener

Last Saturday, December 16, the Worcester Tech swimming team travelled to Williamstown to be handed a 58½ to 16½ defeat at the hands of a powerful Williams team. With the exception of the 50 yard freestyle, it was Williams' afternoon to drag off all the first places. Tech's Captain Bill Riddick won Tech's only first place when he went into the lead at the start of the fifty and held that lead to beat Tom Creed, star and co-captain of the Williams team. A short while later Riddick took a close second in the century to gain three more points for Tech making a total of eight points scored by him. Harry Stirling scored second highest for Tech when he won a third in the 220 yard freestyle and a second in the 440 yard freestyle.

The first event was the 300 yard medley relay. From the start of the backstroke to the end of the freestyle, it was Williams all the way. Although the Tech team, composed of Fred Shippee, Steve Hopkins, and Fred Chamberlain, turned in a good performance, they were unable to take the event. The 220 yard freestyle was next. This event saw Tech's star distance man Harry Stirling and Bob Paige, Tech's other entry, fight an eight and 4/5 lengths battle for second place against Maclay of Williams. At the end of the seventh lap Stirling and Paige dropped behind and Maclay took second with Stirling very close behind him. Brown of Williams won the event easily in the excellent time of 2:23.7 seconds. The fifty yard freestyle followed in which Bill Riddick nosed out Creed of Williams in grand style. Ray Wynkoop captured third place for Tech.

The diving came next. This event saw John Ingham and Walt Kennedy doing the twisting and turning for Tech. At the close, Stetson of Williams, was found to have 92.16 points, Salvage of Williams, 75.84 points, and Ingham a close third with 73.19 points. Following the dive came the 100 yard freestyle. In this event Creed, of Williams, barely nosed out Riddick to break the Williams record with the excellent time of 54.3 seconds. Wynkoop of Tech, and Stewart of Williams, tied for third place. In the specialty strokes Tech was only able to gain third places. Shippee captured third in the 150 yard backstroke and Goodchild took third in the 200 yard breaststroke. In the 440 yard freestyle Stirling and Fitzgerald swam stroke for stroke for seventeen laps before Stirling pushed ahead in the last fifteen yards to take second place. Rowe, swimming for Williams took an easy first. The last event was the 400 yard freestyle relay. Swimming for Tech were Chamberlain, Wynkoop, Paige, and Riddick. Tech lost distance all the way and was beaten by a half a pool length.

Tech's next meet is with Amherst the Saturday after the close of the Christmas holidays. The meet will be swum in Amherst.

## SUMMARY

300 yard Medley Relay: Won by Williams (Beneson, Panshoff, Behrer); second, Tech (Shippee, Hopkins, Chamberlain). Time—3:13.2.  
220 yard Freestyle: Won by Brown (W); Maclay (W) second; Stirling (Tech), third. Time—2:23.7.  
50 yard Freestyle: Won by Riddick (Tech); Boyd (W) second; Wynkoop (Tech) third. Time—34.8.  
Diving: Won by Stetson (W); Salvage (W) second; Ingham (Tech) third. 92.16 points.  
100 yard Freestyle: Won by Creed (W); Riddick (Tech) second; Wynkoop (Tech) and Stewart (W) tied for third. Time—54.3.  
150 yard Backstroke: Won by Baldwin (W); Floyd (W) second; Shippee (Tech) third. Time—1:47.5.  
200 yard Breaststroke: Won by Wright (W); Case (W) second; Goodchild (Tech) third. Time—2:39.3.  
440 yard Freestyle: Won by Rowe (W); Stirling (Tech) second; Fitzgerald (W) third. Time—5:27.1.

## LOOK

YOUR BEST FOR THE INTERFRATERNITY BALL

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## Tech Cagers Lose Season's Opener; Upset by Flashy Bates Team, 40-26

Phi Gam Cinches Relay Trophy With Theta Chi Second

With one more meet to run on the Interfraternity schedule and a clean record of seven straight wins and no defeats, Phi Gam is very confident that the cup is in the bag. Phi Gam very nearly broke the Interfraternity relay record when they took over Theta Kap Wednesday in 2:22 flat. Yesterday they took on S. O. P. for the final round.

Theta Chi is a good second so far with a record of six wins and one defeat, to Phi Gam in the first meet. Yesterday they raced Theta Kap for a final.

A. T. O. seems to have the best chance of taking third place this year. If they win over Sig Ep Monday they are at least tied for third with Theta Kap.

Lambda Chi and Phi Sig also battled it out Monday night. S. A. E. has finished its schedule with three wins and five losses. The following are the standings so far:

	Won	Lost	Av.
P. G. D.	7	0	1.000
T. X.	6	1	.857
T. K. P.	4	3	.571
A. T. O.	4	3	.571
L. X. A.	3	4	.428
P. S. K.	3	4	.428
S. A. E.	3	5	.375
S. P. E.	2	5	.286
S. O. P.	0	7	.000

## Outing Club Organizes Class Hockey

L. A. Lantz to Arrange For Practice Rink, Purchase Of Equipment

Friday, December 15, a group of about twenty hockey enthusiasts gathered in Room 19 of Boynton Hall to discuss the possibilities of hockey at Tech. This meeting was held under the auspices of the Outing Club. A discussion of the practicalities of intramural and of organized hockey was held under the chairmanship of L. A. Lantz, '42. Upon a vote, it was decided to start intramural hockey. Four men were chosen, one from each class, to organize the different class teams. For all seniors who would like to participate in class hockey see L. C. Neale, juniors see E. M. Ryan, sophomores see L. A. Lantz, and freshmen see R. N. Haigh. As soon as the class teams have been organized, an intramural schedule will be drawn up. Since Tech has no rink of its own at present, Elm Park will probably be the scene of the class battles. These intramural meets want to start right after the Christmas vacation; so you who would like to represent your class on the ice see your organizer and may the best class win.

It has been suggested that dues from hockey membership in the Outing Club be used toward the purchase of goalie equipment.

400 yard Freestyle relay: Won by Williams (Boyd, Bram, Lament, Cook); second Tech (Chamberlain, Wynkoop, Paige, Riddick). Time—3:46.4.

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## Biglermen Suffer Worst Set-back in Years; Jayvees Trounce Trade, 40-23

Flashing a beautiful brand of basketball in all departments, the Bates Bobcats of Lewiston, Maine, invaded Alumni gymnasium Saturday night to completely outclass the Worcester Tech Engineers by a 40-26 score in the Engineer's first game of the season.

Conceded only an outside chance of upsetting the Biglermen after an unimpressive showing against Assumption Friday night, the Bobcats surprised Tech followers by taking control of the game shortly after the opening whistle when they took the ball out of a scrimmage under their own basket and passed to Raftery, who caught the Engineers flat-footed and dribbled in for a neat two-point sucker shot. A few minutes later Oneglia evened the score when he swished the net with a set shot from the corner. However, Tech lost the ball on poor passing to give Bates the opportunity to work the ball in for a one-handed pop by Stover and a bucket shot by Raftery. Tech rallied in the second half of the period and broke through the Bates zone defense to feed the ball to Forkey for one basket and to Oneglia for three, while Webster converted a foul and pushed in a follow-up for the Bobcats. The period closed with the Biglermen holding a one-point lead at 10-9.

At the opening of the second quarter Coach Bigler pulled a surprise move by sending in Reinecke, who was expected to be benched by an ankle injury, in place of Knauff. Reinecke was the first to break into the scoring column in this period on a bucket shot. Kinney, a sparkling defensive player, snared the engineer's passes time after time for the Bates squad and fed the ball down for deucers by Raymond, Kinney, and Webster, while Forkey collected only a foul conversion for Tech, which was matched for the invaders by Kinney. The half ended with Coach "Buck" Spinks' Bobcats on the credit end of a 16-13 score.

The home team surged into the third period with a rally that sent Worcester rosters' hopes soaring for a while. Bellos, Shlora, and Reinecke dropped successive hoops to give the Engineers the edge by a 19-16 score. The advantage was short-lived, however, since the Bates squad displayed excellent floor work, while the Tech hoopsters seemed to lack any semblance of zip. The Spinksmen worked the ball through for a dribble-in by Stover and a pop by Raftery after beautiful ball handling under the basket. After a foul conversion for the visitors by Webster, Reinecke again scored for the Engineers from the bucket; but Raftery flashed through with a dribble-in, one-handed pop from the side, and a follow-up shot for the "down-easters" to close the scoring for the period.

After a dribble-in shot by Gorman for Bates at the opening of the fourth quarter, Lambert entered the game for Tech to replace Bellos. Forkey dropped one from in front of the basket and Lambert followed up his own shot to add four points to the Boyntonmen's total. Shlora came through with a follow-up and a foul conversion to end Tech's last scoring spree. During the last five minutes of the game the Bobcats passed the ball in and out of a weak Tech defense and shot almost at will. Raymond spun around on the foul line to sink a deucer with one hand, and followed that with a foul conversion. McSherry chalked up two dribble-in shots and Gorman dropped one from the side to the rout of a slow-moving Tech quintet that just couldn't find the hoop.

In the preliminary attraction the Tech Jayvees swished the net before the echoes of the opening whistle had faded to start the rout of a green Trade School combine that didn't stand a chance against a rangier squad. The Jayvees played a smooth passing game and worked the ball into position for set shots consistently. Summaries:

## BATES

	fg	fp	tp
Raftery, lf	7	0	14
Belliveau, lf	0	0	0
McSherry, lf	2	0	4
Stover, rf	2	0	4
Gorman, rf	2	0	4
Webster, c	2	2	6
Cool, c	0	0	0
Witty, lg	2	1	5
Haskell, lg	0	0	0
Kenney, rg	1	1	3

(Continued on Page 4, Col. 1)

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**Varsity Cagers Lose**

(Continued from Page 3, Col. 5)

Whitten, rg	0	0	0
Totals	18	4	40
<b>WORCESTER TECH</b>			
Oneglia, lf	4	0	8
Bellos, rf	1	0	2
Reineche, rf	3	0	6
Lambert, rf	1	0	2
Forkey, c	2	1	5
Shlora, lg	1	1	3
Knauff, rg	0	0	0
Totals	12	2	26
Referees, Carrigan and Haughey	Four	10-	minute periods.

<b>WORCESTER TECH</b>			
Bosyk, lf	5	0	10
Kerr, lf	2	1	5
Jasper, rf	1	0	2
Freeman, rf	1	0	2
Jones, c	4	0	8
Totti, c	1	0	2
Gerz, lg	0	0	0
Lapousky, lg	3	2	8
Petersen, rg	1	1	3
Totals	18	4	40

<b>WORCESTER TRADE</b>			
Palulian, lf	0	1	1
Kaldowski, lf	3	0	7
Theodore, lf	0	0	0
Gaucher, rf	1	0	2
Rialdi, rf	4	2	10
Tribandin, c	0	0	0
Karbowski, lg	0	2	2
Creed, lg	0	0	0
Johnson, lg	0	1	1
O'Leary, rg	0	0	0
Dangault, rg	0	0	0
Kaivaki, rg	0	0	0
Totals	8	7	23
Referee, Sullivan	Four	8-minute periods.	

**Spirit of Fraternities**

(Continued from Page 1, Col. 5)

following the basketball game on Saturday evening.

Theta Kappa Phi also held a Christmas "Vic" dance and party following the basketball game.

Alpha Tau Omega held its annual Alumni Christmas Dinner Sunday afternoon which was attended by the Alumni, actives, and new pledges.

Lambda Chi Alpha held a Christmas party for ten underprivileged children recommended by the welfare. Santa Claus, resplendent in his Christmas regalia, also attended the party and brought with him a bag of gifts for the young guests.

**A.I.E.E.**

(Continued from Page 2, Col. 3)

gave an illustrated lecture entitled "Application of Electrical Equipment to Steel Mills." Before he worked for the Morgan Company Mr. Crosby was connected with Westinghouse and General Electric, and has had a great deal of experience in the electrical field. He has for a long time been a prominent member of the Worcester District of A. I. E. E.

As an introduction Mr. Crosby pointed out the cooperation that is necessary among the various engineering fields. This is especially true in large industries. Several million dollars has been spent by his own company on research made in engineering fields, all acting as a unit to bring about improvements in the steel industry. In Mr. Crosby's own words, "Industry is beginning to realize the importance of cooperation in producing better and cheaper products." As an illustration Mr. Crosby told of Henry Ford's efforts to make stronger and better steel by research in engineering fields. In his estimation Ford has made the greatest contribution to today's progress.

Mr. Crosby went on to tell of the little things that cause the great steel industry to rise and fall. When hoop skirts and corsets went out of style several of the smaller steel mills failed because of the great decrease in demand for steel hoops and corset stays. Women in the U. S. had been wearing a billion pounds of steel!

There are many types of mills that run on the roller principle, and use electric motors. Many improvements have been made in each type. The first mills had just one motor. Today many motors run a mill; so, as the steel industry moves forward, so does the work of the E. E.'s!

Besides his interesting talk Mr. Crosby showed an interesting motion picture of a modern steel plant to illustrate what he had said.

**Club News**

**A. S. C. E.**

The Worcester Tech Student Chapter of the American Society of Civil Engineers will meet in Sanford Riley Hall tonight at 7:30. The speaker of the evening will be Dr. Arthur W. French, Professor of Emeritus of Civil Engineering, who will speak on the subject "Forty Years with Tech Civils". Everyone interested in Civil Engineering is cordially invited to attend. Refreshments will be served after the meeting.

**RIFLE CLUB**

The Rifle Club is now in the process of selecting team members for the coming season. The Club has joined the Eastern Intercollegiate Rifle Association this year, and this insures at least one meet a week. The E.I.R.A. holds the playoff matches in the spring at a large gathering of representatives from the various colleges. Tech has matches arranged with different colleges including Rensselaer, Northeastern, and Wentworth. The final selection on the varsity and freshman teams will be made soon after Christmas. The Club intends to hold at least one meeting a month, and at these meetings there will be competitive rifle and pistol shooting for members.

**OUTING CLUB**

The Tech Outing Club held its second meeting of the year in Sanford Riley Hall Dec. 12. Highlights of the meeting were: Report of hikes made and a vote to support more in the future; a discussion of hockey by Laurence Lantz; and a report by Dave Chase on the ski team schedule. There are 37 members at present in the club, six of whom are U.S.E.A.S.A. members also. Movies were shown and ski conditioning discussed.

The first ski meet is scheduled with M.I.T. on Mt. Wachusett on Jan. 6 and 7. If conditions warrant, a bus will be chartered for a general club outing for that Sunday. The following weekend the club will partake in the Worcester Parks Carnival. The entire schedule for the remaining winter is elastic with several dates for each weekend to take care of poor weather conditions. Present activity includes the construction of two ski racks to be used on various cars during the winter.

**A. S. M. E. MEETING**

An entertaining and instructive talk on "Wrought Iron" was the highlight of the meeting of the student chapter of the A.S.M.E., held in Sanford Riley Hall, last Wednesday night. The meeting was called to order at 7:30, and after the business at hand was disposed of by Pres. Kenneth Blaisdell, the speaker of the evening, A. G. Croyle, of the A. M. Byers Co., was introduced by Kenneth Fowler, chairman of the program committee.

The subject of the talk, which was supplemented by five reels of motion pictures, was the uses, advantages, and methods of making wrought iron. The quality of resistance to corrosion, it was pointed out, makes wrought iron useful in piping, water tanks, and process tanks.

The familiar process of making wrought iron in a puddling furnace has been replaced in the A. M. Byers plant by the Byers process. This process makes use of the fact that wrought iron consists of two constituents, pure iron and an iron silicate slag. In the Byers process these are made separately and then mixed to form pure wrought iron. This is then hot rolled into sheets and drawn into piping. The various stages in the process were fully illustrated with movies. Iron piping made in this way, said Mr. Croyle, lasts twice as long when subject to corrosion as steel pipe.

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