

—On Ag Campus—

# Radio Signals Detect Bloating in Animals

Bloating in animals may now be detected through the medium of radio signals.

Animal research physiologists at the University have proved it is possible to detect bloating in animals by means of a small FM transmitter placed in the animal's stomach to measure pressure changes. The device sends information back to laboratory recording machines.

The small transmitter is

about an inch in diameter and six inches long. It contains a transistor, with power supplied by an ordinary flashlight battery, enclosed in a polyethylene case.

When any pressure changes occur in the stomach of the animal, the change pushes one end of the transmitter and sends an impulse to the recorder in the laboratory.

Since transistors need no wires, a good picture of an animal's normal stomach pressures can be determined, according to Dr. Loyal Payne, associate professor of animal pathology and associate physiologist.

Cattle in which the small transmitters are placed are put on pasture, using the pasture fence as a receiving antenna. So far, no disturbances in the experimental cattle have been noted.

Animals selected are usually about ready for slaughter since this is the only way the device can be recovered. It is usually left in the animal about three weeks.

## Ag YW to Elect President Today

Ag YWCA elections will be held today from 9 a.m. to 4 p.m. in the Ag Union.

Candidates for president are Erwina Hutchinson and Jane Savener.

Miss Hutchinson is a member of the Council of Religion, University 4-H Club and Alpha Xi Delta. She is a sophomore in Home Economics.

Miss Savener, a junior in Home Economics, is a member of Tassels, Phi Upsilon Omicron and Love Memorial Hall.

Elections will be held today from 9 a.m. to 4 p.m. in the Ag Union.

**SUSAN HAYWARD**

*I want to live!*

"Old timid and true! The story of Barbara Graham—The lost but never lonely sinner who got the roughest deal life ever dealt!"

**2ND WEEK VARSITY**

**LAST DAY THE ROOTS OF HEAVEN**

ERROL FLYNN  
JULIETTE GRUCCO  
LOUIE ALBERT

**STARTING TOMORROW**

**We're Nailing Our Roof Down So You Won't Blow It Off With LAUGHTER When You See**

## THE SHERIFF OF FRACTURED JAW!

We don't know how else to tell you what a hilariously funny picture this is—except to inform you that we're reinforcing our roof because the laughter may blow it sky-high!

Incredible, you say. Well everything about "The Sheriff Of Fractured Jaw" is incredible—so incredibly funny with one riotous sequence after another!

"The Sheriff Of Fractured Jaw" is the new look in laughter you've been looking for!

**JAYNE MANSFIELD**

**KENNETH MORE**

As the mild mannered Englishman who wakes up on the Sheriff of the West's Wildest Town!

**THE SHERIFF OF FRACTURED JAW**

color by De Luxe CINEMASCOPE

**STARTS TOMORROW**

**Stuart**

7:30  
TH 6  
7:30

PARADE AFTER 6 P.M.

—On the Social Side—

# Santa, Cupid Vie for Holiday Attention

The combination of two weeks vacation, Christmas, Winter Wonderlands, blazing fireplaces and soft music brought about the heaviest onslaught of pinnings and engagements the campus has seen this year.

A grand total of 12 pinnings and 42 engagements were reported for the holidays.

### Pinnings

Judy Hanneman, a Delta Delta Delta sophomore in Arts and Sciences from Lincoln, to Bruce Wendorff, a Theta Xi sophomore in Engineering from Lincoln.

Cathy Hall, a sophomore in Teachers from Lincoln, to Roger Borland, a Sigma Nu senior in Arts and Sciences from Lincoln.

Pat Rohlfis, a Delta Delta Delta sophomore in Teachers from Sioux Falls, S.D., to Rod Ellerbusch, a Sigma Nu sophomore in business Administration from Holstein, Iowa.

Barbara Mandel, a Chi Omega junior in Arts and Sciences from Omaha, to Jack Justice, a Sigma Nu sophomore in Dentistry from Central City.

Judy DeVilbiss, a Chi Omega junior in Teachers from Ainsworth, to Jack Ely, a Sigma Chi senior in Teachers from North Platte.

Ruth Roubal, a Residence Halls senior in Home Ec from Central City, to Jack Houchen, a Sigma Chi sophomore in Arts and Sciences from Lincoln.

Alice Knudson, an Alpha Chi Omega senior in Teachers from Lincoln, to John Douthit, a Beta Theta Pi freshman in Medicine from Omaha.

Myrna Ems, an Alpha Chi Omega sophomore in Teachers from Arapahoe, to John Minnick, a Sigma Phi Epsilon sophomore in Business Administration from Cambridge.

Margaret Marrett, freshman in Pre-nursing from Omaha, to Dave Kovar, a Delta Sigma Pi senior in Business Administration from Lincoln.

CeCe McClain, a Kappa Alpha Theta sophomore in Teachers from Fremont, to Wally Bryans, a Sigma Alpha Epsilon junior in Business Administration from Omaha.

Deanne Duis, an Alpha Chi Omega sophomore in Teachers from Lincoln, to Ed Logan, a junior at the United States Naval Academy from Lincoln.

Marlene Opp, a junior in Arts and Sciences from Wood River, to Bill Mersch, a Pi

### Engagements

Connie Cole, a Kappa Kappa Gamma sophomore in Home Ec from Kearney, to Bob Luke, a Phi Kappa Psi sophomore in Business Administration from St. Petersburg, Fla.

Carolyn Hein, a Kappa Kappa Gamma sophomore in Teachers from Alliance, to Jerry McCall, an Alpha Tau Omega alum from Pawnee City.

Mary Kemp, a Kappa Kappa Gamma freshman in Arts and Sciences from Grand Island, to Kevin Baker from Grand Island.

Sue Schnell, a Kappa Kappa Gamma junior in Teachers from Lincoln, to Clark Gibbs, a Beta Theta Pi alum from Sioux City, Iowa.

Susanne Reichstadt, a Pi Beta Phi sophomore in Teachers from Omaha, to Gary Townsend, a Phi Kappa Psi senior in Business Administration from Omaha.

Carla Wademan, a Zeta Tau Alpha senior in Teachers from Nebraska City, to Randy Clark, a Beta Theta Pi alum from Melbeta.

Jackie Beard, an Alpha Xi Delta sophomore in Home Ec from Lincoln, to Ron Keigley, a senior in Agriculture from Lincoln.

Sallye Miller, an Alpha Omicron Pi freshman in Teachers from Lincoln, to Dick Bjorklund, a senior at South Dakota State College Huron, S.D.

Carol Vermaas, an Alpha Phi sophomore in Teachers from Lincoln, to Dick "Yogi" Hergenrader, a Sigma Nu junior in Teachers from Lincoln.

Jan Dworak, an Alpha Phi senior in Teachers from Omaha, to Jim Eselin from Omaha.

Jane Kramer, a Kappa Delta senior in Teachers from Lincoln, to Dale Lemon, an NU alum from Lincoln.

Liz Jacobs, a Kappa Delta senior in Arts and Sciences from Lincoln, to Fred Otradovsky, a Theta Chi senior in Engineering from Schuyler.

Rae Beerline, an Alpha Chi Omega senior in Teachers from Papillion, to Harley Ziet from Wisner.

Sandra Enyeart, an Alpha Chi Omega senior in Teachers from Lincoln, to Kay Harris, a Delta Upsilon senior in Business Administration from South Sioux City.

Lois LaRue, an Alpha Chi Omega senior in Home Ec from Trenton, to Leo Dam-

### Kroger, a Farm House alum from DeWitt.

Ann Cassidy from Omaha, to Dick Pogge, a Sigma Phi Epsilon senior in Engineering from Omaha.

Bonnie Burival, a junior at St. Mary's College at Zaviar, Kans. from O'Neill, to Ron Reed, a Sigma Phi Epsilon senior in Engineering from Orchard.

Jolaine Loseke, an Alpha Chi Omega junior in Home Ec from Columbus, to Ed Neilsen, a Delta Tau Delta senior in Business Administration from Columbus.

Prudie Morrow, a Kappa Alpha Theta senior in Teachers from Omaha, to Bruce Skinner, a Farm House senior in Agriculture from Tekamah.

Kathy Spilker, a Zeta Tau Alpha alumna from DeWitt, to Ray DeBower, a Beta Sigma Psi senior in Agriculture from Schuyler.

Barb Lundin, a Chi Omega junior in Home Ec from Columbus, to Errol Mitlyng, a Beta Sigma Psi senior in Business Administration from Austin, Minn.

Sally Wengert, a Pi Beta Phi junior in Teachers from Fremont, to Dick Hove, a Delta Tau Delta junior in Business Administration from Minden.

Dorothy Beechner, an Alpha Chi Omega senior in Arts and Sciences from Lincoln, to Dick Mapes, a Delta Tau Delta senior in Law from Norfolk.

Nancy Fowler, a Sigma Kappa sophomore in Arts and Sciences from Gering, to Lyle Hansen, a senior in Business Administration from Brattleboro, Vt.

Paula Roehrkasse, a Sigma Kappa senior in Teachers from Grand Island, to Ralph Eldon Knepper, a Beta Sigma Psi senior in Engineering from Wauneta.

May Hammond, a Love Memorial Hall sophomore in Home Ec from Aurora, to Larry Williams, an Alpha Gamma Rho sophomore in Agriculture from Ainsworth.

Bonnie Pickrel, a Terrace Hall senior in Home Ec from Benedict, to Eldon Heiden, a senior in Engineering from Benedict.

Judy Basset from North Platte, to Bob Brown, a Sigma Phi Epsilon sophomore in Agriculture from Grant.

### Mary Dieterich, a Delta Delta senior in Teachers from Omaha, to Roger Schindler, a Theta Xi junior in Engineering from Lincoln.

Kathy McCrady, a Kappa Alpha Theta junior in Teachers from Hastings, to C. G. Wallace, a Phi Kappa Psi junior in Arts and Sciences from Hastings.

Marilyn Clark, a Chi Omega junior in Arts and Sciences from Columbus, to Norman Kaup, a junior in Engineering from Nevada, Mo.

Susan Rhodes, a Chi Omega senior in Teachers from Beatrice, to Ron Byers, a senior in Arts and Sciences from Beatrice.

Barbara Lane, a Chi Omega senior in Arts and Sciences from Lincoln, to Chuck Lagerstrom, a Beta Theta Pi at Iowa State College from Omaha.

Carole Triplett, a Chi Omega junior in Business Administration from Tekamah, to Larry Langley, an Alpha Tau Omega senior in Agriculture from Tekamah.

Janice Olson, a Gamma Phi Beta senior in Arts and Sciences from Fremont, to Ted Newburn, a Sigma Alpha Epsilon senior in Business Administration from Beatrice.

Marilyn Miesner, a Delta Gamma sophomore in Teachers from Seward, to James Carr, a Theta Chi at Montana State University from Seward.

Jody Carlson, a Delta Gamma alumna from Omaha, to Bob Weigel, a Sigma Chi senior in Business Administration from Omaha.

Jane Ellefson, a Residence Halls junior in Arts and Sciences from Columbus, to Fred Kluck, a Phi Kappa Psi junior in Business Administration from Richland.

## University Press To Print Sandoz Short Writings

A one-volume selection of short writings by Mari Sandoz, Nebraska authoress, will be published by the University Press in 1959.

Publication of the book was approved Saturday morning by the Board of Regents.

The book, entitled "Hostiles and Friendlies," will include both fiction and non-fiction, and will be introduced by an autobiographical sketch of her life in the Sandhills and her years in Lincoln up to the time of the publication of "Old Jules."

Although a number of popular authors have come from Nebraska, this is the first time that a book by a nationally known Nebraska author has been published during the author's own lifetime by a Nebraska press.

**TURNPIKE COLLEGE NIGHT**

Friday night 9:00-12:00

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& featuring "Basin Street 7" & the RICK BURGESS Quintet

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"You can be sure it will be a leading Contender for the OSCAR This Year!"

From the new novel by the author of "From Here To Eternity!"

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At No Advance In Admission 7:30 Till 6 p.m. Then 90c

**Mr Miller's**

Shop Thursday 10 to 8:30

Put Pennies in your purse and new fashion on your legs at our first-time Sale of Famous Name Nylons

99c pair

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HOSIERY FIRST FLOOR

Full fashioned sheers, regularly 1.65  
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For the first time, one of our famous manufacturers is permitting this January Sale of his hosiery, made especially for this sale! Choose sheer loveliness in Taupe, Beige, Suntan! Sizes 8½ to 11 in short, medium and long.

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