

History of NDSU

David S. Buchanan

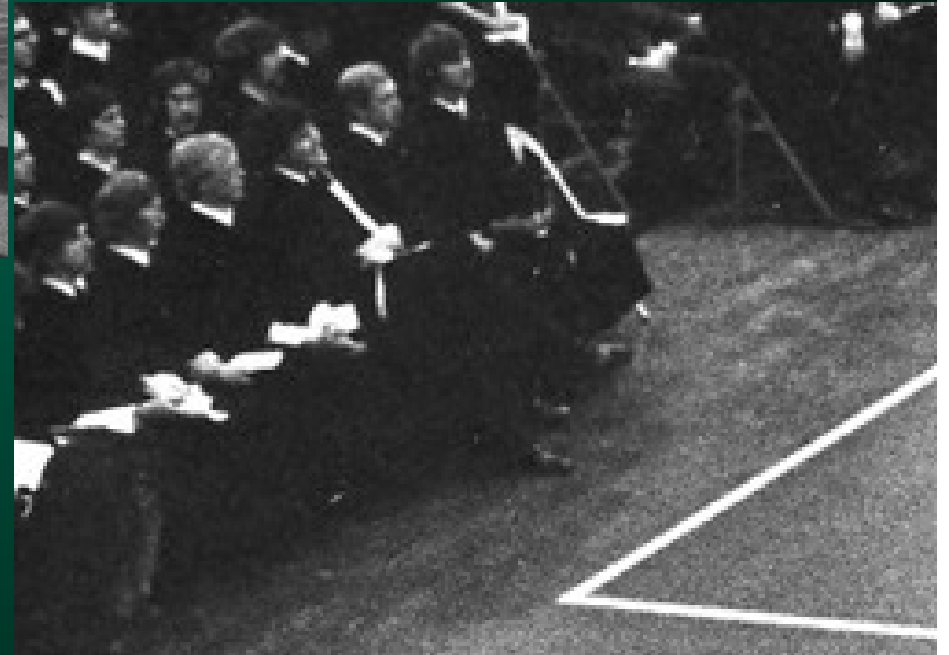
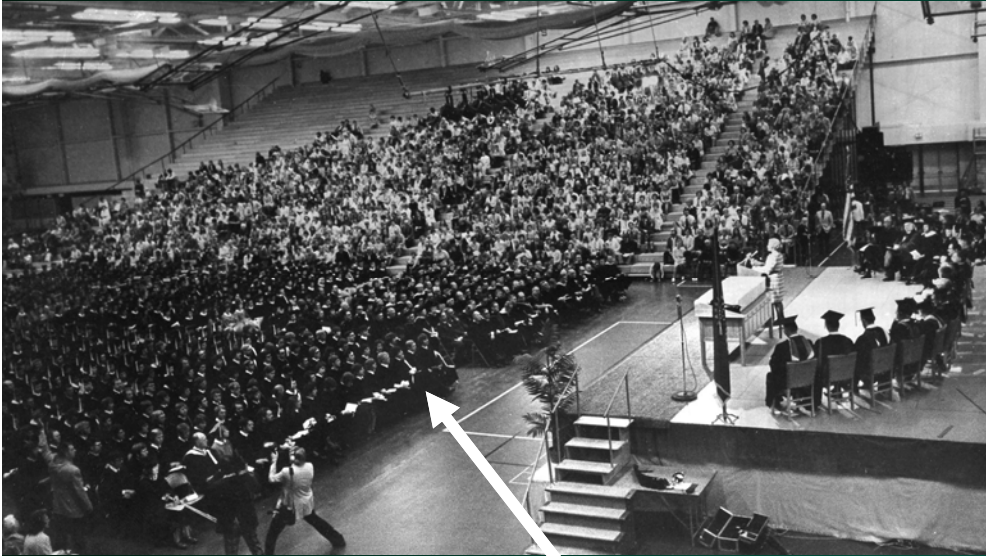
College of Agriculture, Food
Systems and Natural Resources

History of NDSU

Many thanks to NDSU archives

<https://www.flickr.com/photos/ndsu-university-archives/albums>

1975 Commencement



NDAC Sheep Barn – 1948



Morrill Act - 1862

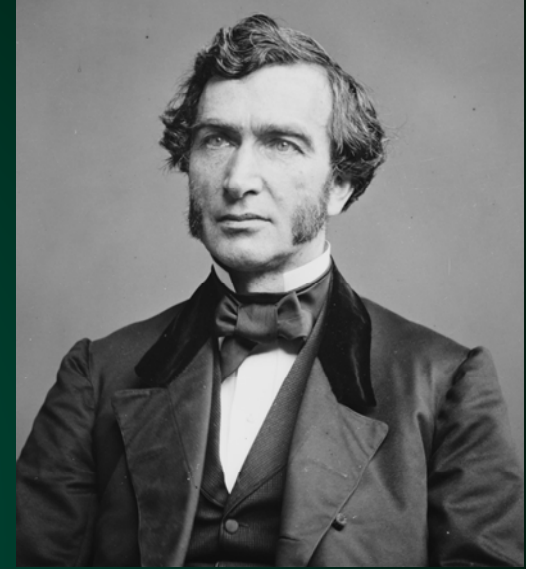
Grant of Land given to each state
to establish a college

Leading object of college

Promote the liberal and practical education

Industrial classes

Several pursuits and professions of life

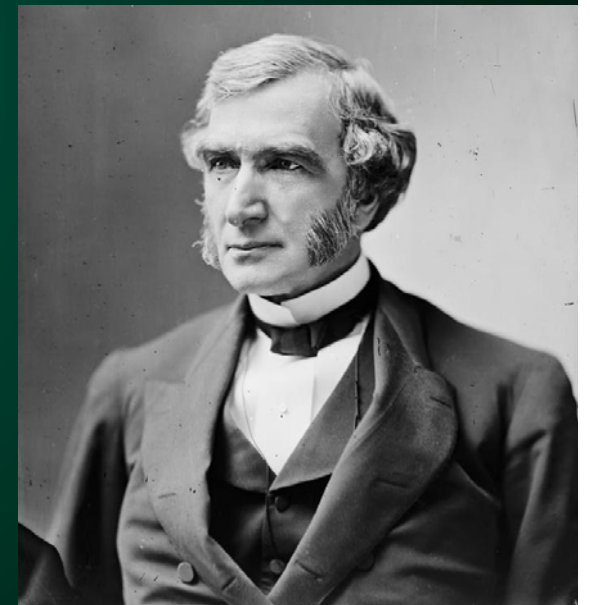


Morrill Act - 1862

Without excluding other scientific and classical studies

Including military tactics

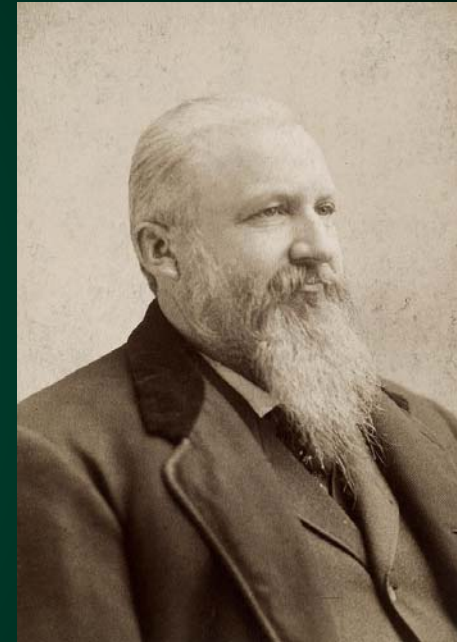
Agriculture and mechanic arts



Hatch Act - 1887

Establish agricultural experiment stations

To be associated with colleges established through the Morrill Act



Constitutional Convention – July 1889



Agricultural College in Fargo??

Several Fargo city leaders were opposed

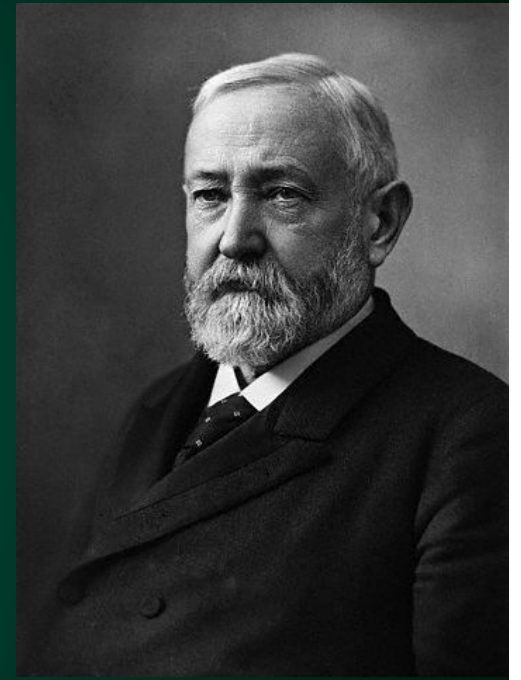
“an agricultural college would never amount to anything. . . . Better to . . . go for something of greater benefit, an Indian school or a school for the deaf or a school of science, something big!”

Statehood - November 2, 1889

Signed into law by President
Benjamin Harrison

South Dakota became a state at
same time

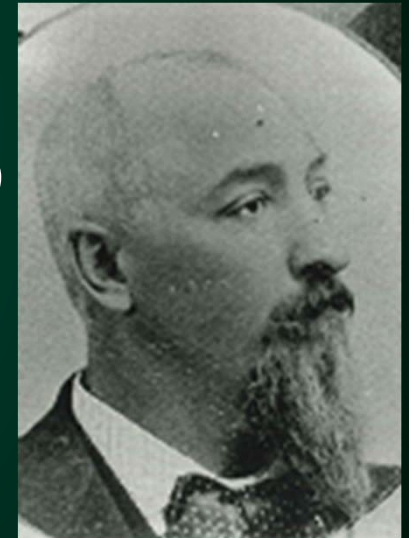
Harrison shuffled the papers so only
he knew which was signed first



Bill to establish NDAC and the ND Ag Experiment Station

January 20, 1890 – First meeting of ND
State Legislature

Introduced by John E. Haggart of Fargo
Federal money for Ag Experiment
Station was instrumental in passage



First meeting of Board of Trustees – October 15, 1890

Affirmed initial appointments

Horace Stockbridge – President and Director of
Experiment Station

Claire B. Waldron – professor of aboriculture

Henry L. Bolley – professor of botany and zoology

Edwin Ladd – professor of chemistry

Average age - 28

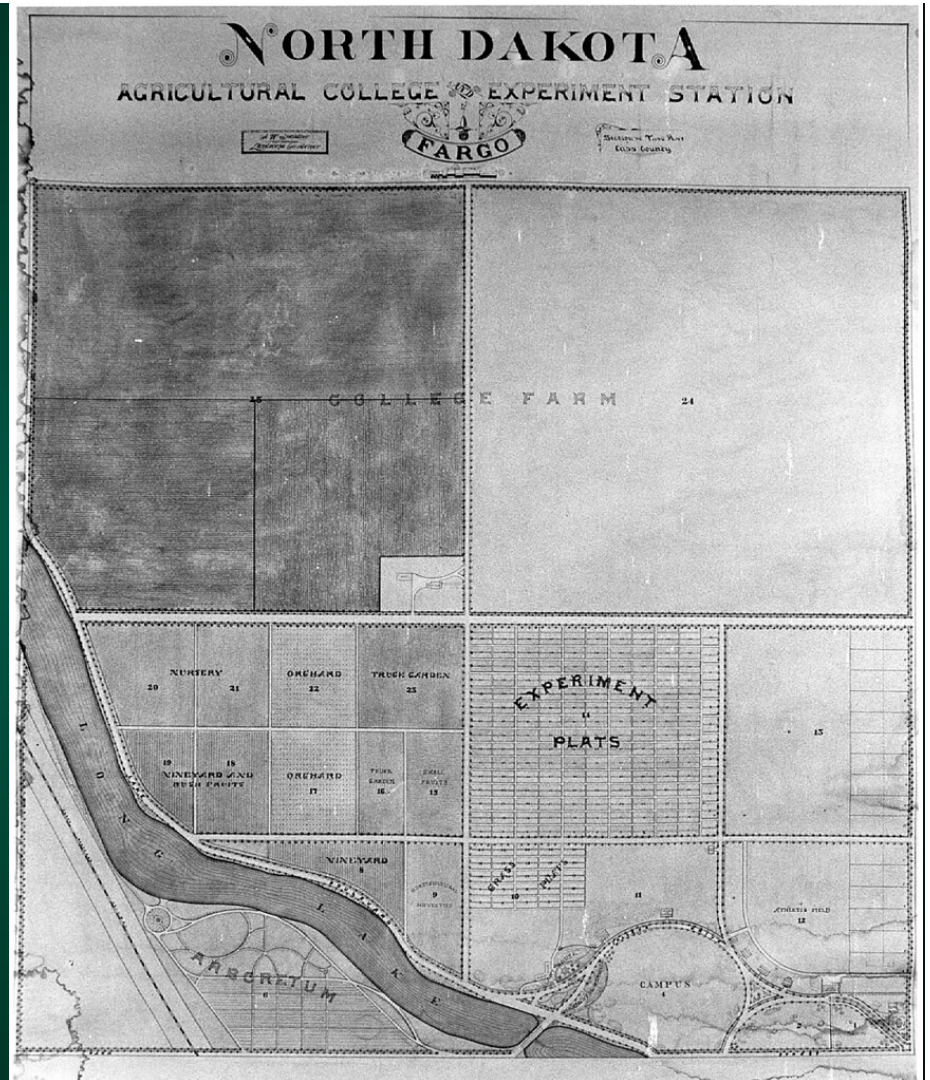
First meeting of Board of Trustees – October 15, 1890

Major Alonzo Edwards – Editor – Daily Argus

“The Board of Trustees of North Dakota Agricultural College – whatever that is – met yesterday and elected a faculty – whatever that is”.

Proposed Campus - 1890

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Horace Stockbridge

1st President of NDAC at age 33

Degrees from Massachusetts
Agricultural College and University
of Gottingen

Had been professor of Chemistry in
Massachusetts and in Japan

Had been Director of Ag Experiment
Station at Purdue

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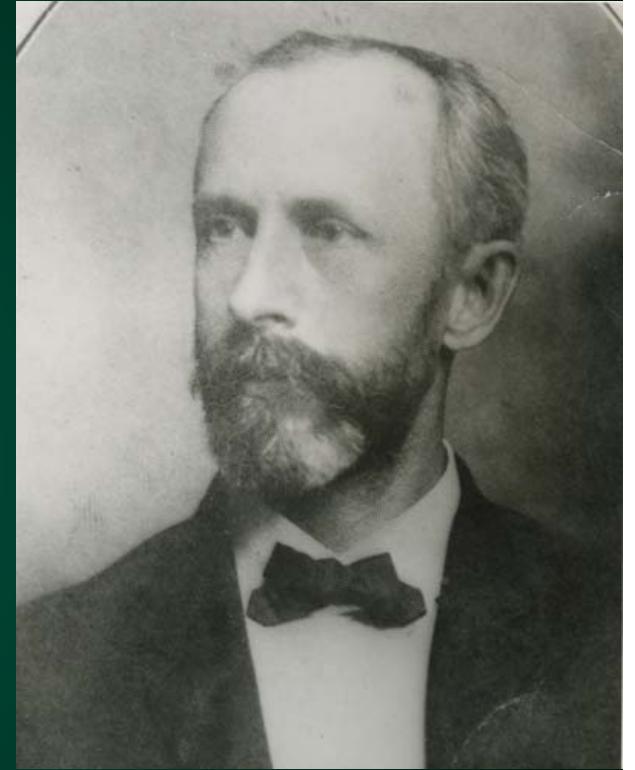


Horace Stockbridge

Designed College Hall (Old Main)

Instituted “Short Courses” in the winter
for farmers

Resigned in 1893 – political reasons



Claire Baily Waldron

Had already arrived on July 19, 1890

Degrees from Michigan Ag College

Was only NDAC employee for 3 months

Classified and mounted native plants

Basis for what is now the Herbarium

Now has > 250,000 plant collections

Retired from NDAC in 1945



Claire Baily Waldron

“Picture in your mind’s eye a field of golden wheat in Section 36, Fargo Township, with no buildings to mar its botanical beauty”



Henry Luke Bolley

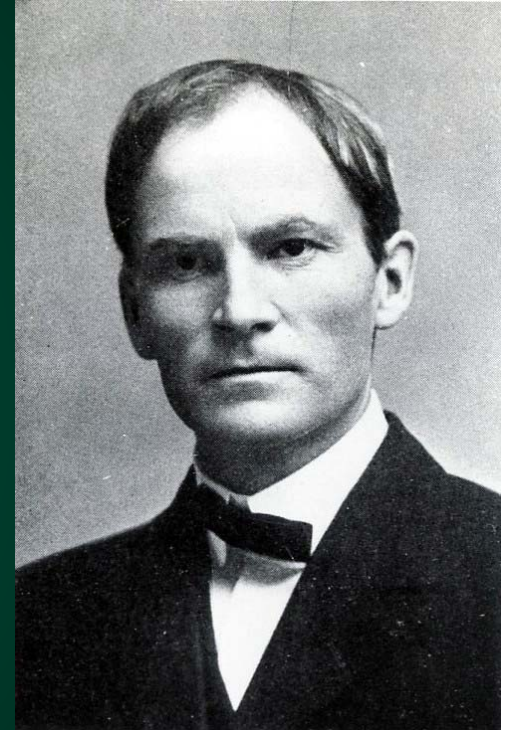
Attended Purdue University

Organized football team at Purdue

Isolated organism causing potato scab

Determined that flax wilt is caused by a fungus (fusarium)

Used Darwinian selection to develop flax variety resistant to wilt



Henry Luke Bolley

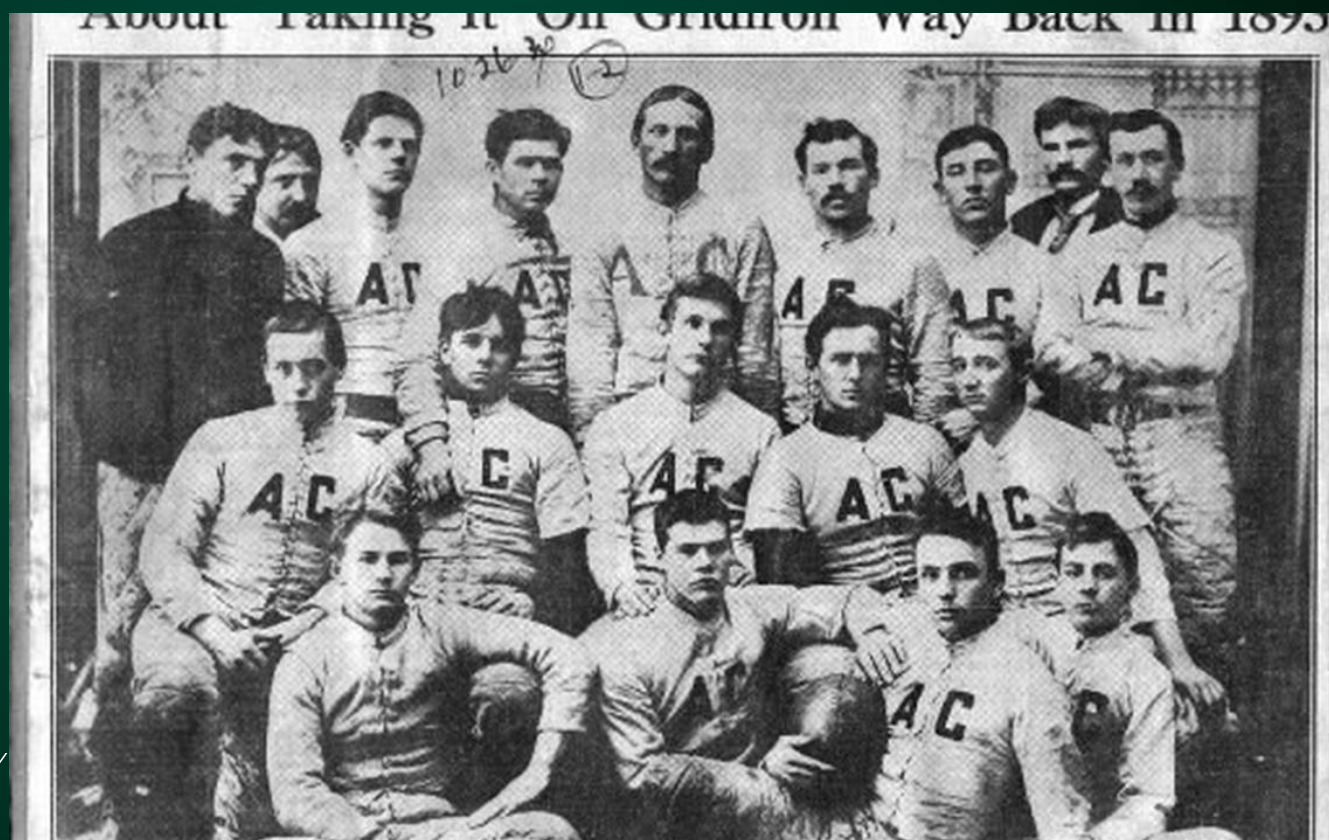
1894 – 1899

First NDAC

football

coach (7-8-1)

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Henry Luke Bolley

Bolley Plot 30

West of Wellness
Center

Designated as
Historic Place



Henry Luke Bolley

Also worked with stem
rust in wheat

Author of North Dakota
Pure Seed Law in
1908

1909 to 1929 – North
Dakota State Seed
Commissioner



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Retired from NDAC in 1945

Edwin Fremont Ladd

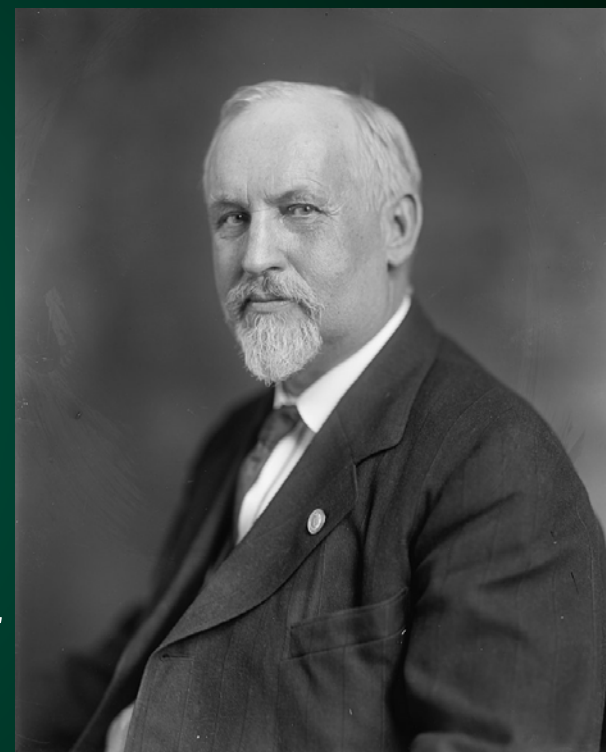
Graduate of University of Maine

Chemist at NY Ag Experiment Station

Supervisor was Stephen Babcock
(Babcock test for butterfat)

1890 - professor of chemistry and
chemist for ND Ag Exp Station

Unabridged dictionary was condition of
employment



Edwin Fremont Ladd

Paint quality was emphasis

Work on paint started what is now Coatings and
Polymeric Materials



Edwin Fremont Ladd

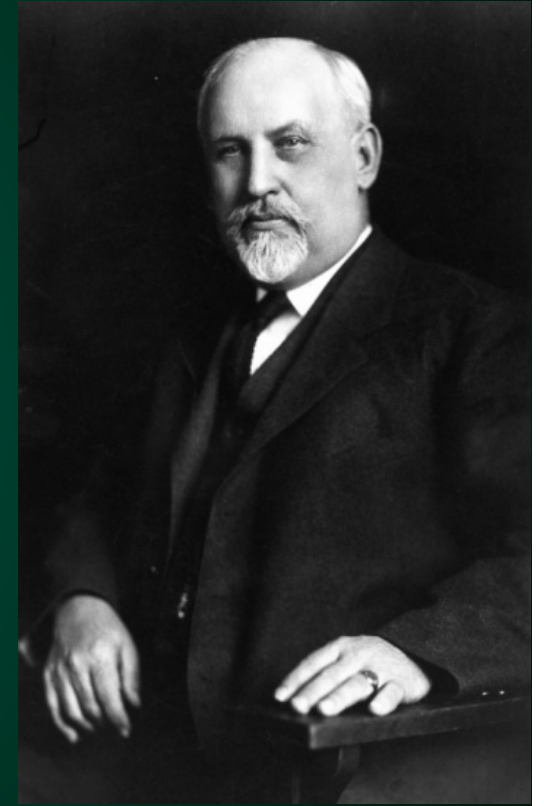
1899 - 1904 - Editor of North Dakota
Farmer

North Dakota Pure Food Act of 1903

Ladd was Commissioner of Food

1916 – 1921 - President of NDAC

1921 – 1925 - US Senator



First classes

Held at Fargo College
Congregational Church institution
1888 - 1922

On the hill SW of Island Park



Old Main - 1891



First Catalog – 1892

Winter Course – three months – open to anybody 15 years or older – focus on agriculture

Preparatory course – for students not ready for regular college work

Four year course leading to Bachelor of Science degree

Student body in 1893

62 students

6 juniors

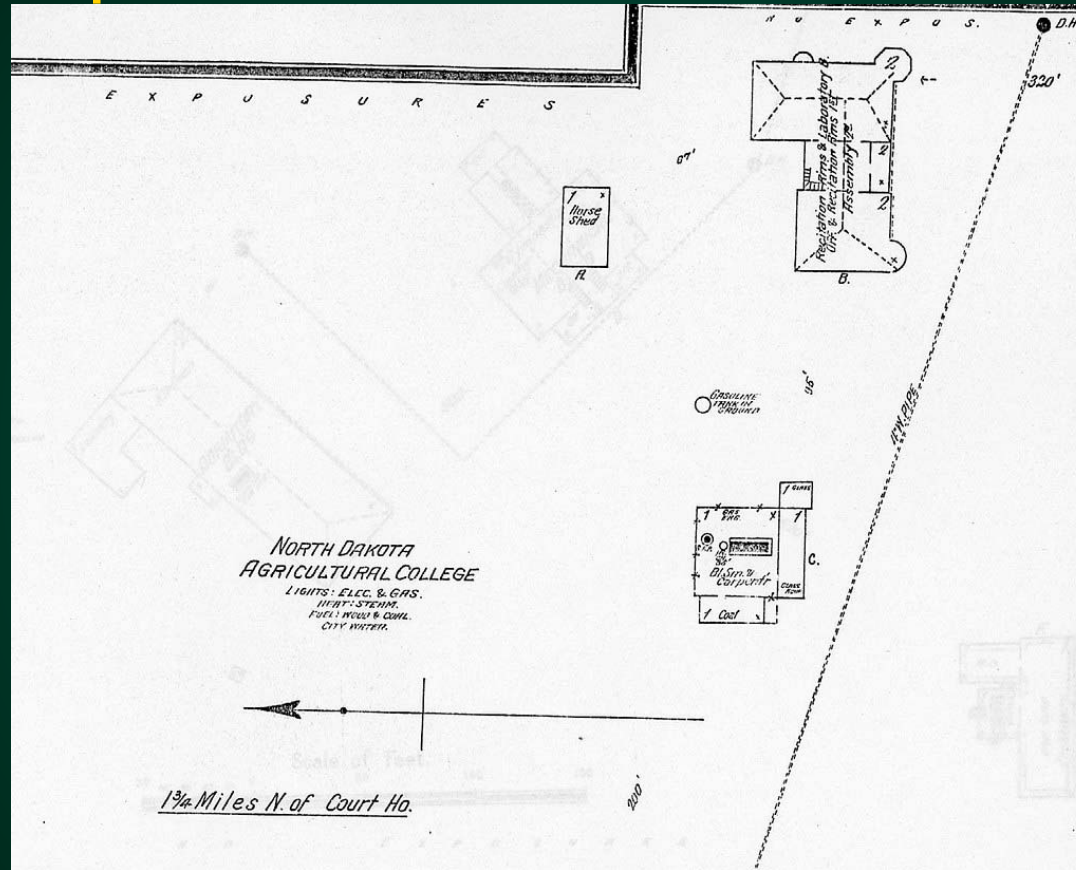
2 sophomores

12 freshman

41 preparatory students

1 special student

Campus Map - 1896



Jessamine Slaughter

First female student at NDAC

Author, teacher, business leader

Grandmother of current ND Governor

Her mother (Linda Warfel Slaughter)

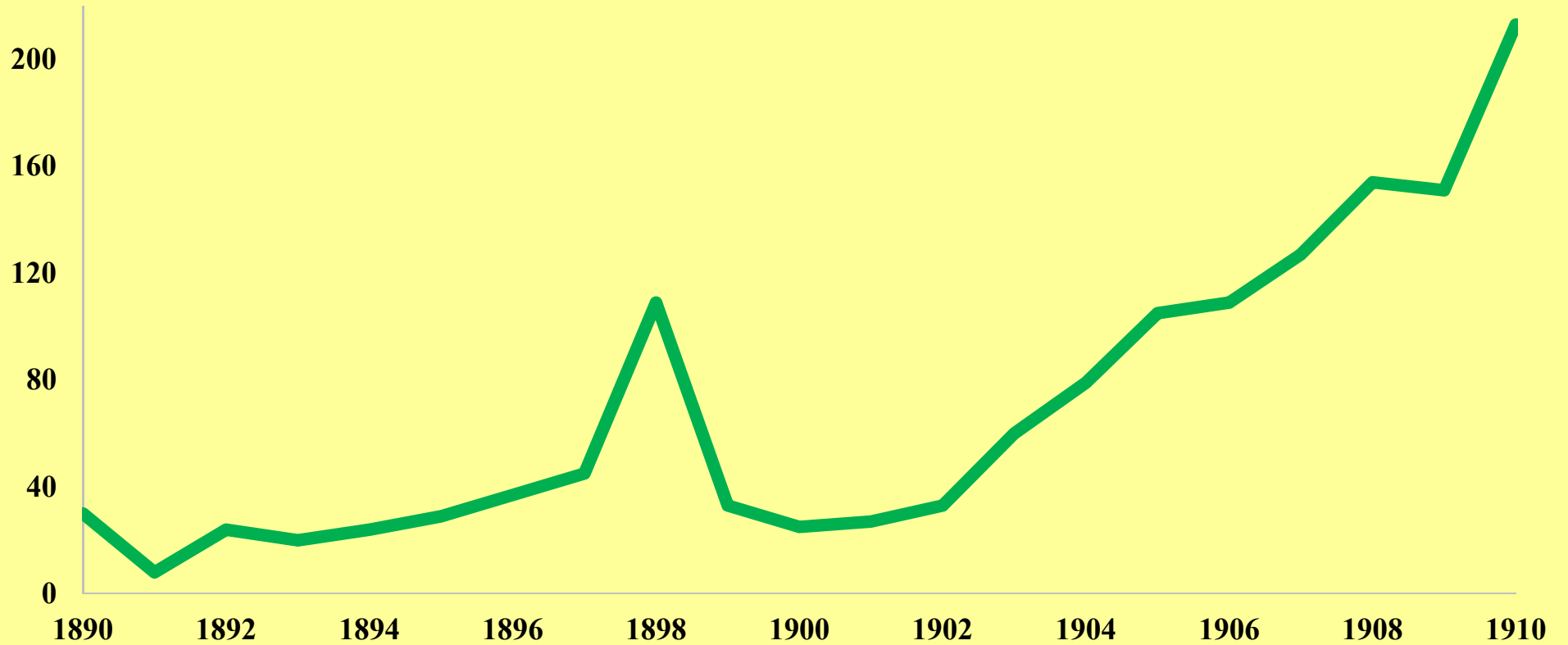
Superintendent of Burleigh County Schools

Vice-President Woman's National Press
Association

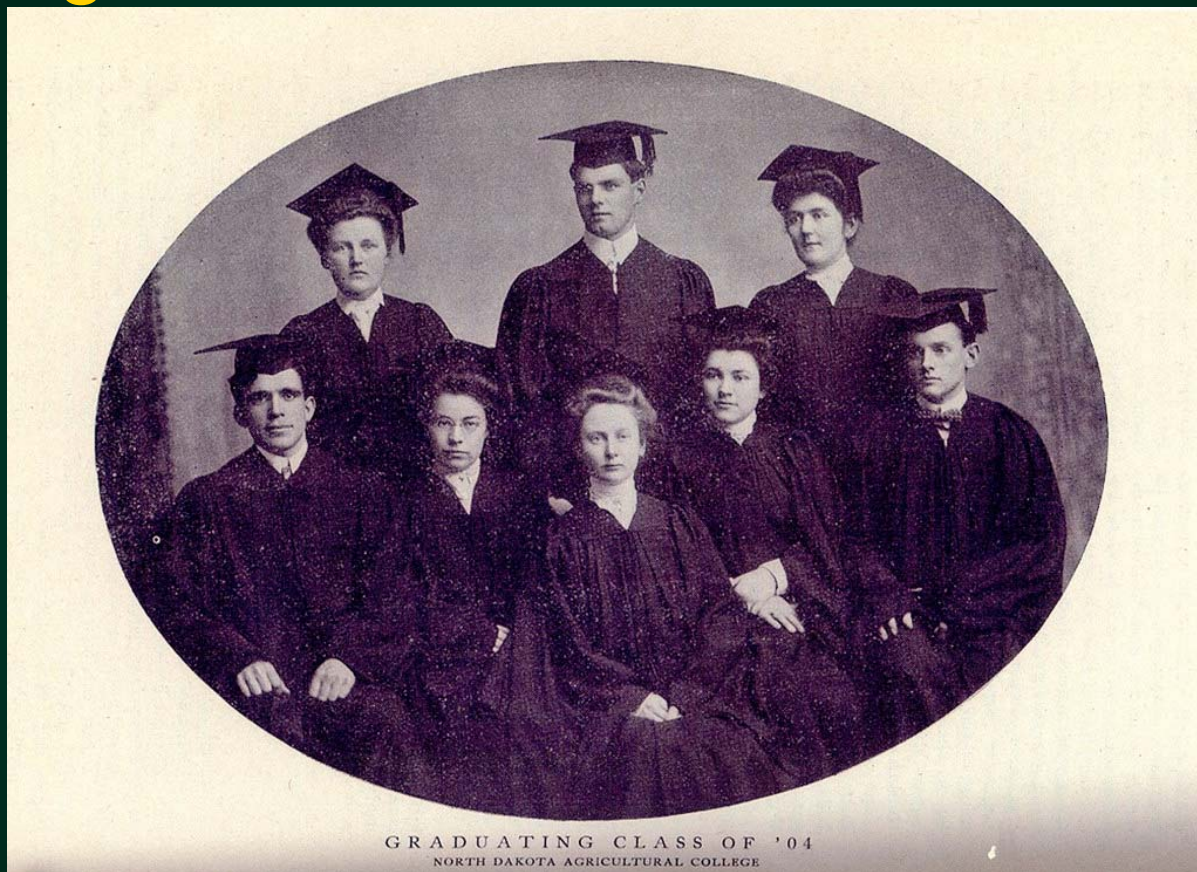
First woman to vote in a national convention for
a Presidential candidate



Enrollment of NDAC (1890 - 1910)



Graduating class of 1904



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Cadet Band 1902



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C.S. Putnam

Medical doctor turned band director

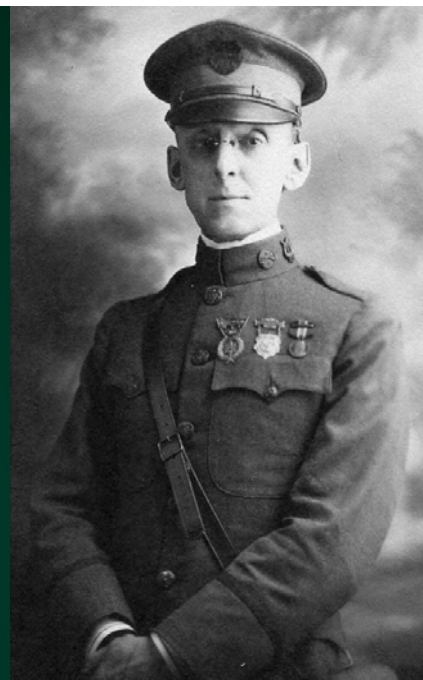
Joined faculty in 1904

Changed name of band to “Gold Star Band

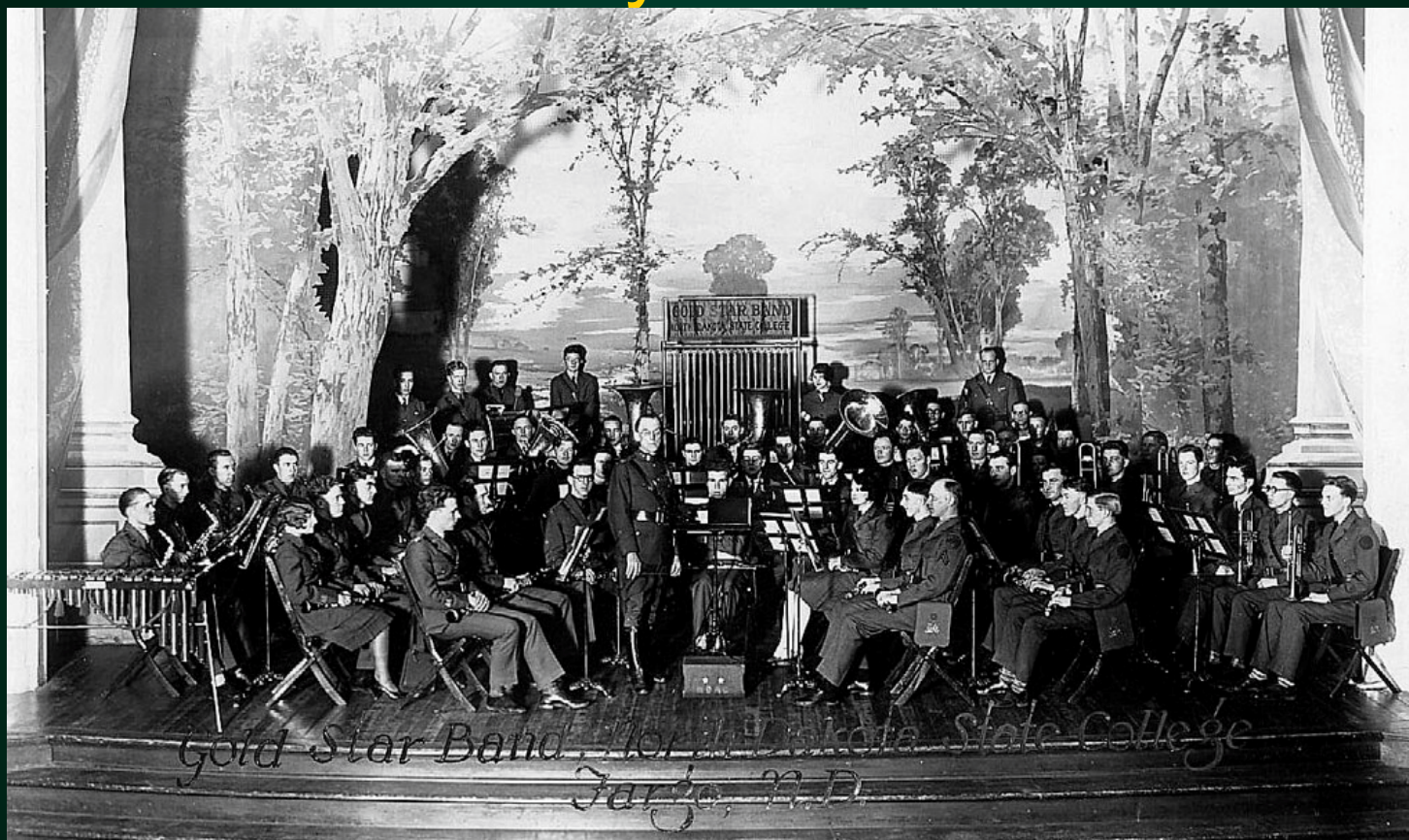
Wrote the music for “The Yellow and the Green” – lyrics by Minard

First North Dakotan in American Bandmasters Association

Carnegie Library renamed Putnam Hall in 1951



Gold Star Band – early 1900s



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Campus Map - 1910

Old Main

Putnam

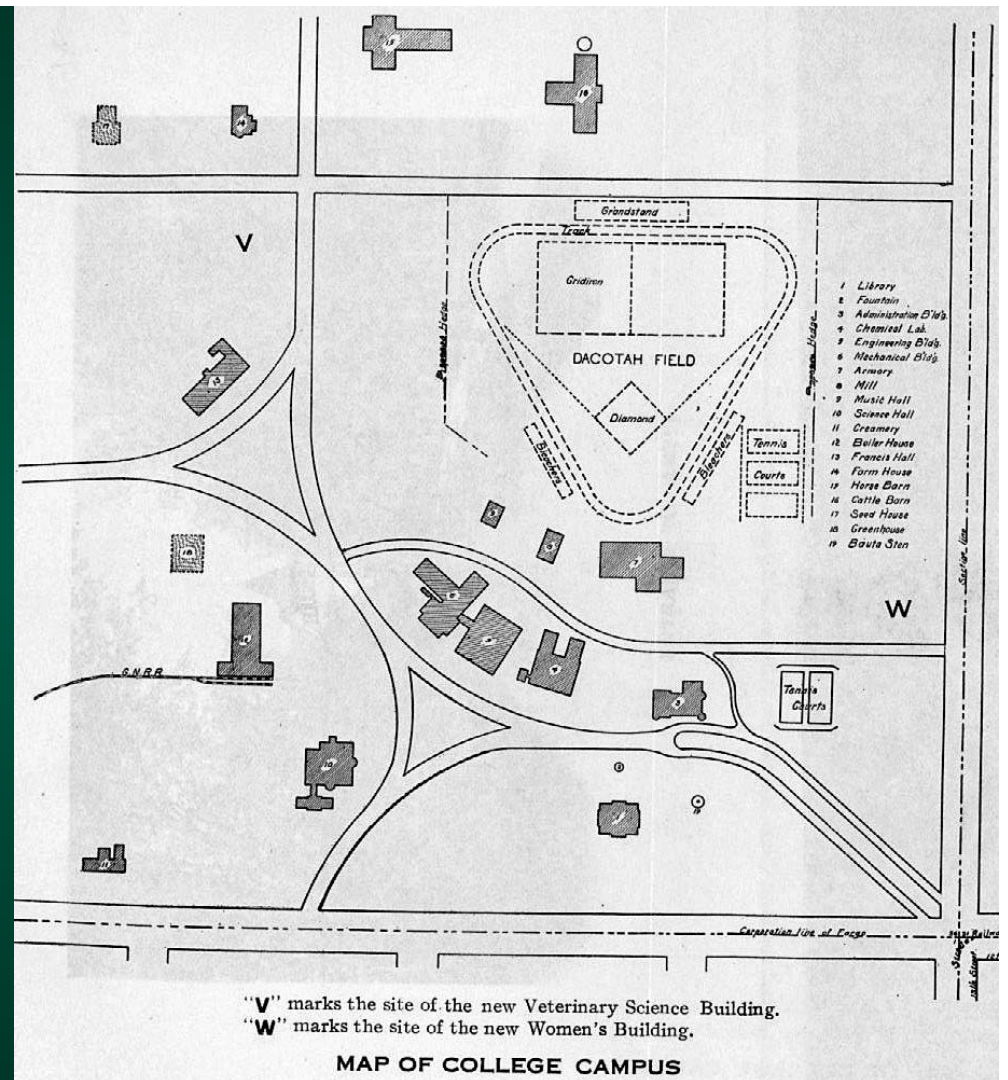
Minard

South Engineering

V = Old Van Es

W = Ceres

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Smith-Lever Act - 1914

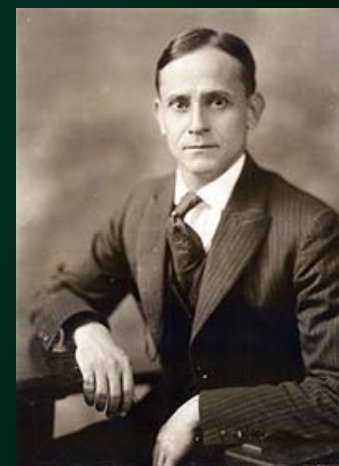
Cooperative extension

Instruction and practical
demonstration

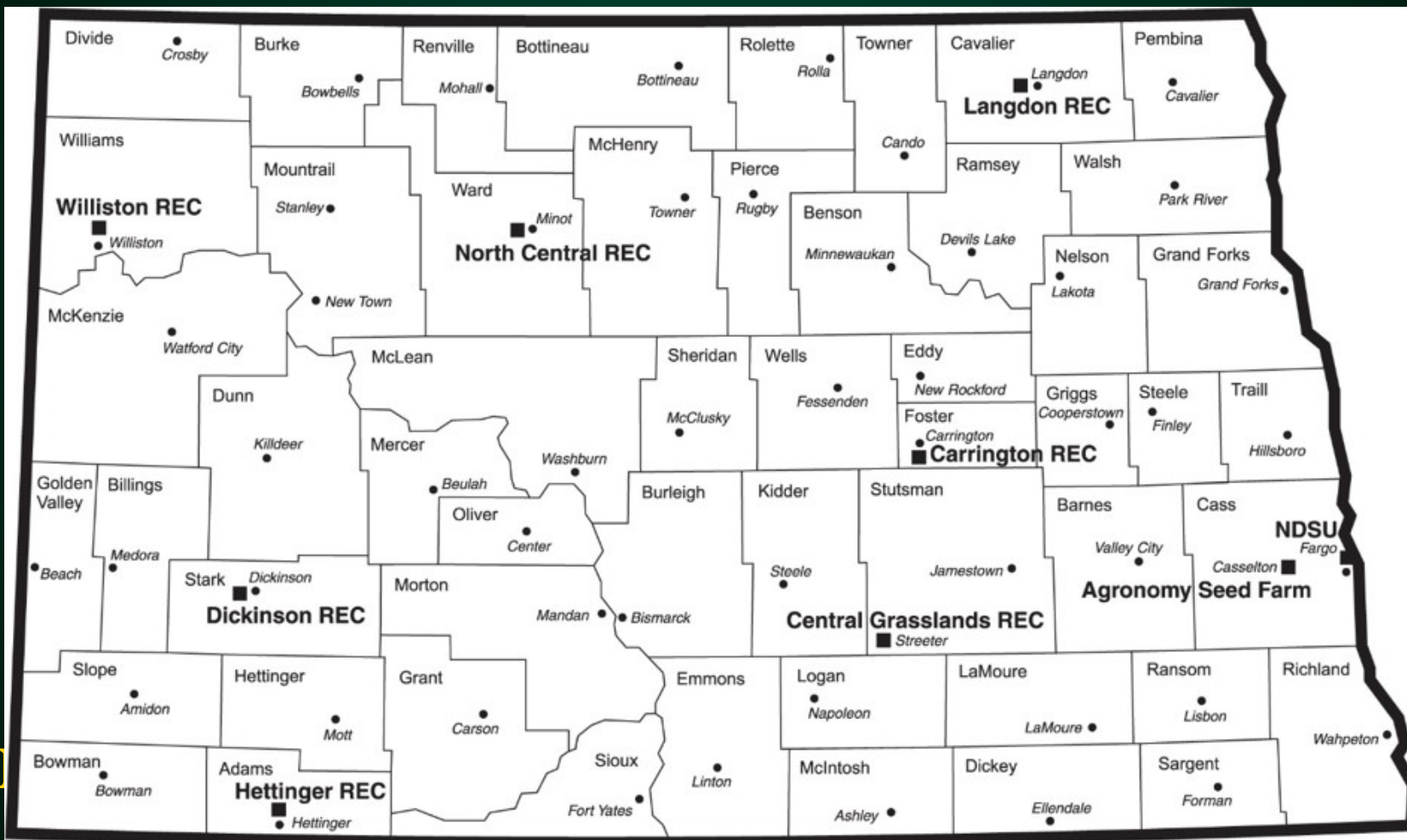
Agriculture

Home Economics

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NDSU Extension



Land-Grant Mission



Little Country Theatre - 1914

Started by Alfred Arvold (hired 1907)

Was to show what could be done in a small town with a theatre facility

Located in upper level of Old Main

Moved to Askanase in 1968



Little Country Theatre – top floor of Old Main



Lincoln Log Cabin – top floor of Old Main



Wanda Weniger

First female scientist with ND Ag Experiment Station (1918 – 1925)

Resigned when she married another faculty member

Continued doing science

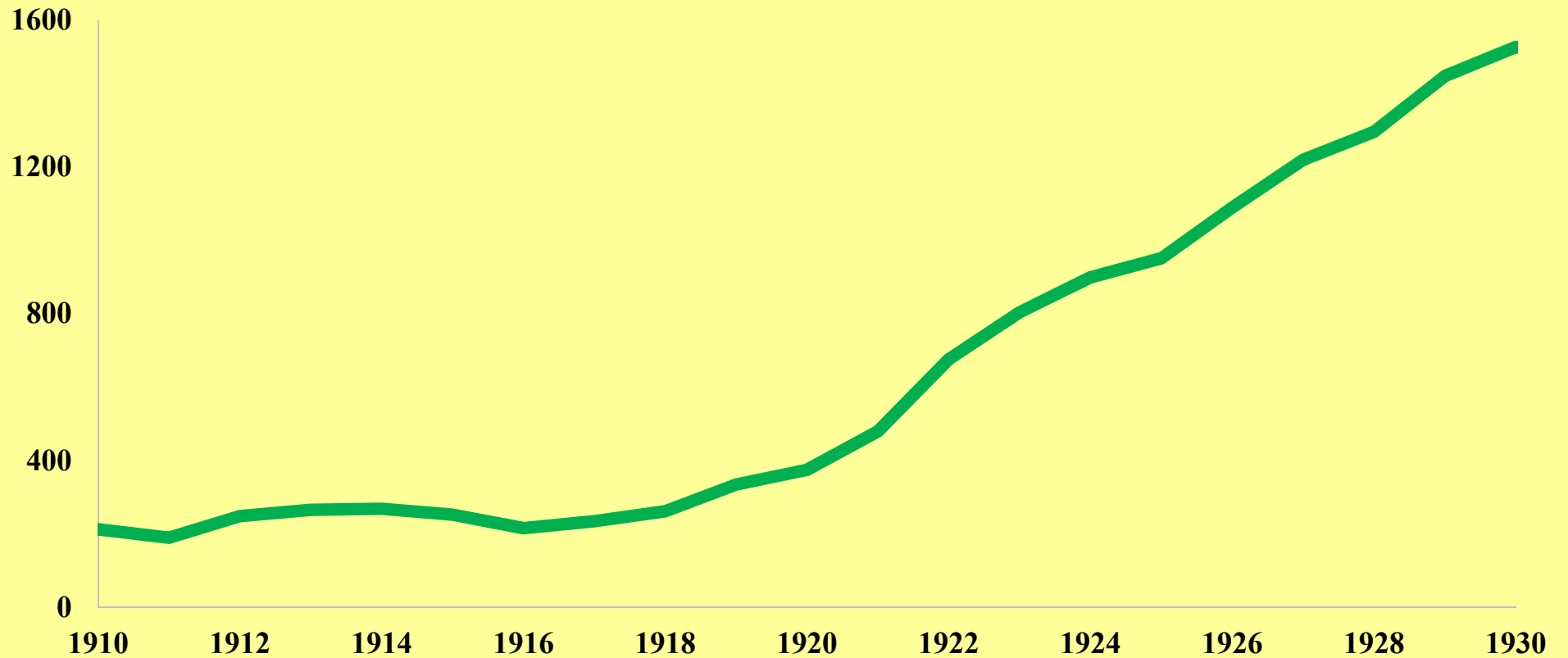
Fellow of AAAS

Fargo Board of Education

Started first Bookmobile in North Dakota



Enrollment of NDAC (1910 - 1930)



NDAC in 1923



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Nobles Golden Marguerite



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Nobles Golden Marquerite



Dairy Building



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Homecoming Game - 1928



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The Purge of 1937

They Are The Targets In Wholesale NDAC Firing Campaign Announced Saturday--- Reprinted On Page 2



A. E. Furell

Dean W. L. Walker

Dr. J. H. Steppert

Miss Alice Babin

P. J. Olson

K. H. ...

ER EVINCES
LL CONCERN

University Stands In Similar Peril As Result Of 'Purge'

North Central Association Official Declares It
'Cannot Tolerate' Political Manoeuvring
As Evidenced Here

LEADERS URGE GRIM PROTEST

Parade Starts

FORUM

Protests At Agricultural College Dismiss

One Of Our Customers Is Mad At Us

Graduate Thinks AC
Was Used Too Often

No Fargo Politician, He
Sign Recall Petition

Sheridan Co. AAA
Unit Attacks Move

John Henry Shepperd

Educated at Iowa State University
and the University of Wisconsin

Joined faculty in 1893

Focus on livestock

Also taught arithmetic, research on wheat

Enthusiastic about soil conservation

Wrote stories to convey agriculture ideas

President of NDAC 1928 to 1937



The Purge of 1937

President J.H. Shepperd resigned

Dean and Director H.L. Walster stripped of responsibilities for
Ag Experiment Station and Extension

R.M. Dolve – Dean of Engineering – fired

Alba Bales – Dean of Home Economics – fired

P.J. Olson – Asst Dean of Agriculture – fired

I.W. Smith – Dean of Men – fired

A.H. Parrot – Registrar – fired

N.D. Gorman – County Extension Leader – fired

Jean Traynor – Secretary to President Shepperd - fired

The Purge of 1937

Causes

Not completely clear

Followed years of dramatic cuts

Governor Langer played large role

Control of federal money for Ag Experiment Station
and Extension

Sense that President Shepperd had shielded
NDAC from some of the worst political harm

The Purge of 1937

Results

Loss of accreditation

Several of those dismissed found other employment

Numerous other faculty left

H.L. Walster restored as Director of Ag Exp Station in 1939

Creation of State Board of Higher Education

NDAC in 1938



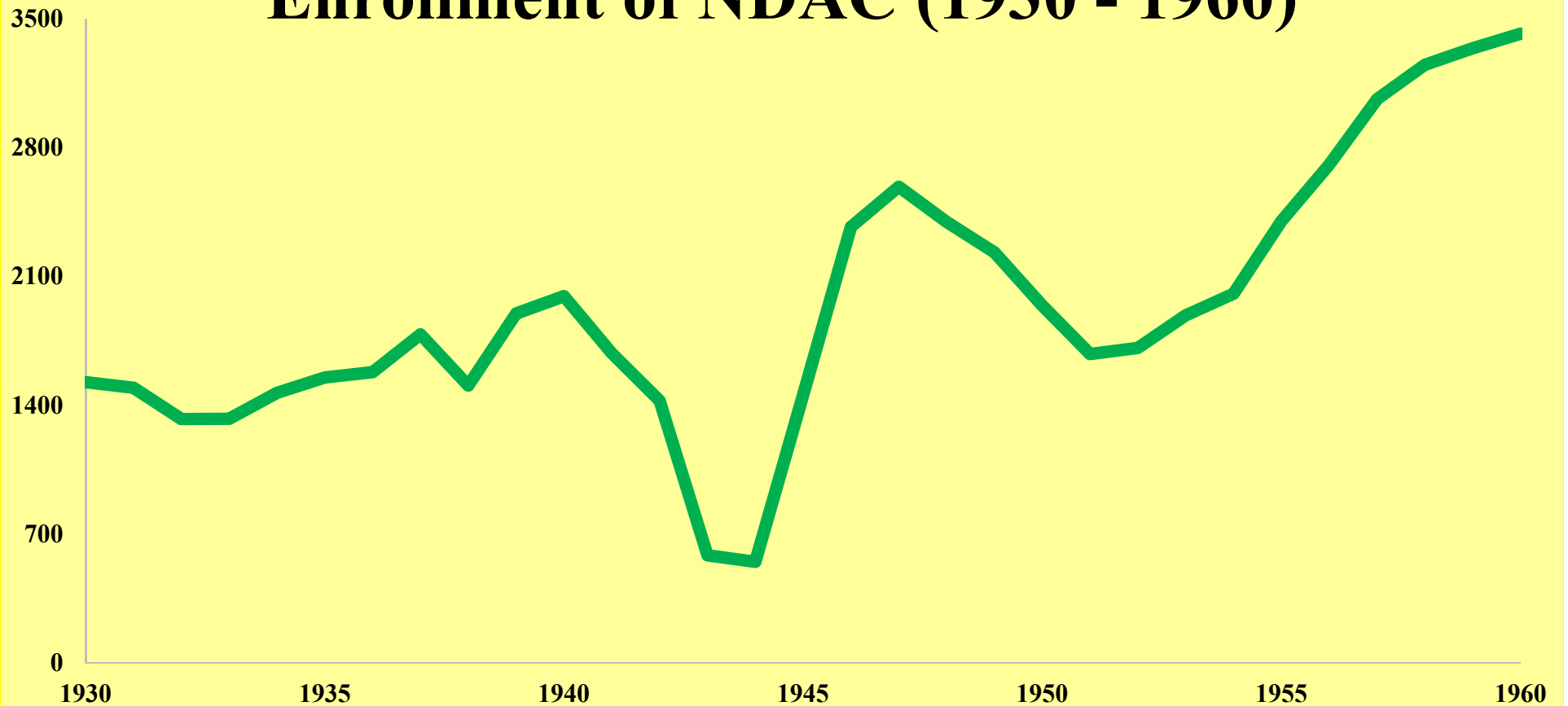
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Campus entrance - 1938



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Enrollment of NDAC (1930 - 1960)



NDAC in 1948

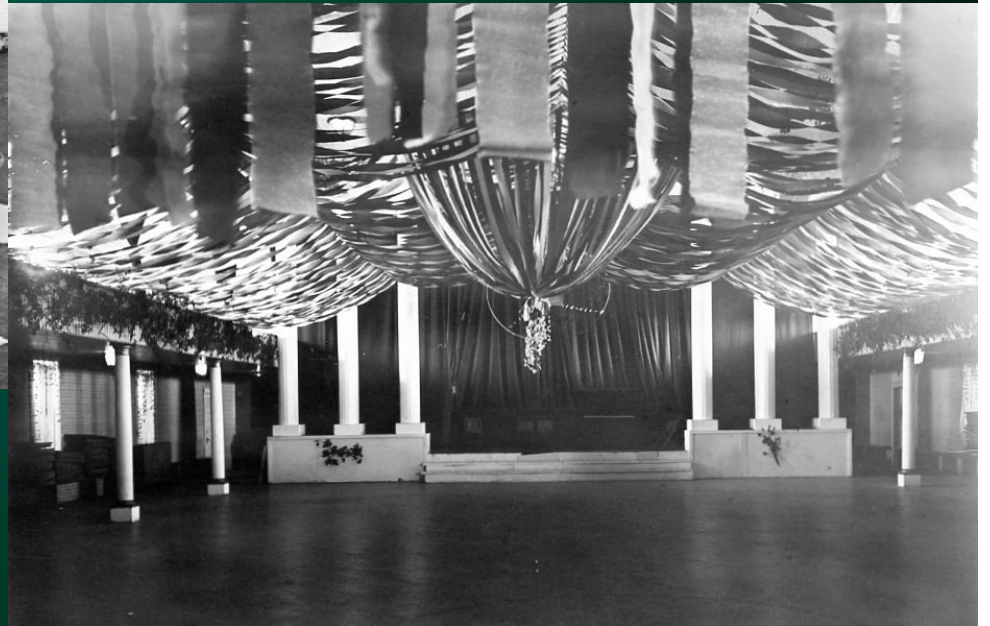


Silver City – post war student housing



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Festival Hall – 1897 to 1982



Festival Hall



RACHMANINOFF

The Twenty-seventh Annual Lyceum Series

FESTIVAL HALL - STATE COLLEGE

Monday Evening, NOVEMBER 8th, at 8.15 o'clock

Reserved Seats: Single Admission, \$2.20, \$1.65

General Admission: \$1.10 (tax included)

Seats now on sale at THE LITTLE COUNTRY THEATRE,
North Dakota State College, Fargo, North Dakota

The Thirtieth Annual Lyceum Series
Festival Hall, North Dakota State College, Fargo, North Dakota
Monday Evening, October 28, 1940—8:15 O'Clock

Paul Robeson

Assisted By

Clara Rockmore, Thereminist

PIANISTS—Lawrence Brown for Mr. Robeson—Eugene Helmer
for Miss Rockmore

The Program

1. Go down, Moses Arranged by H. T. Burleigh
Solea (Andalusian Folk-Song) Arranged by F. Peckert
Oh, no, John! (English Folk-Song) Arranged by Cecil Sharp
Night (Russian Folk-Song) Arranged by Alexander Scriabin
The Prayer Arranged by J. Engel
MR. ROBESON
 2. Adagio J. S. Bach
Andante from Symphonie Espagnole Lalo
MISS ROCKMORE
 3. Ballad for Americans Robinson-La Touche
MR. ROBESON
- INTERMISSION
4. Berceuse Tchaikovsky
Piece en forme de Habanera Ravel
Requiebros Casado
MISS ROCKMORE
 5. The Feast Moussorgsky
The Orphan Moussorgsky
Homeland Mine Gretchaninoff
Steal Away Arranged by Lawrence Brown
Joshua fit de battle ob Jericho. Arranged by Lawrence Brown
MR. ROBESON

Mr. Robeson records for Victor. Tour Direction: Metropolitan Musical Bureau, New York City, Division of Columbia Concerts Corporation of Columbia Broadcasting System. For those in the audience who may not have heard the THEREMIN before, it is interesting to know that this instrument is named after its inventor, the noted Russian scientist, Leon Theremin. The instrument is unique in that the performer never touches the same. Tones are produced when the performer enters an electromagnetic field developed about the instrument. As the right hand approaches the vertical rod the pitch becomes higher or lower, and the volume is controlled by the distance of the left hand from the metal loop.

Handwritten note: The Theremin



Marian Anderson

All that can be said of Marian Anderson has been said: "Fathomless," "Moving," "Priestess Of Song," "Greatest Of Our Time."

There remains only this one thought: those who have heard her once have returned for a second, third and fourth time. Words cannot convey a deeper appreciation of Marian Anderson than the constancy of these listeners who renew a profound experience with each attendance.

Those who have never been to a Marian Anderson concert may be envied in this one respect only: they have before them that first contact with a great moment in their lives.

FRANZ RUPP at the Piano

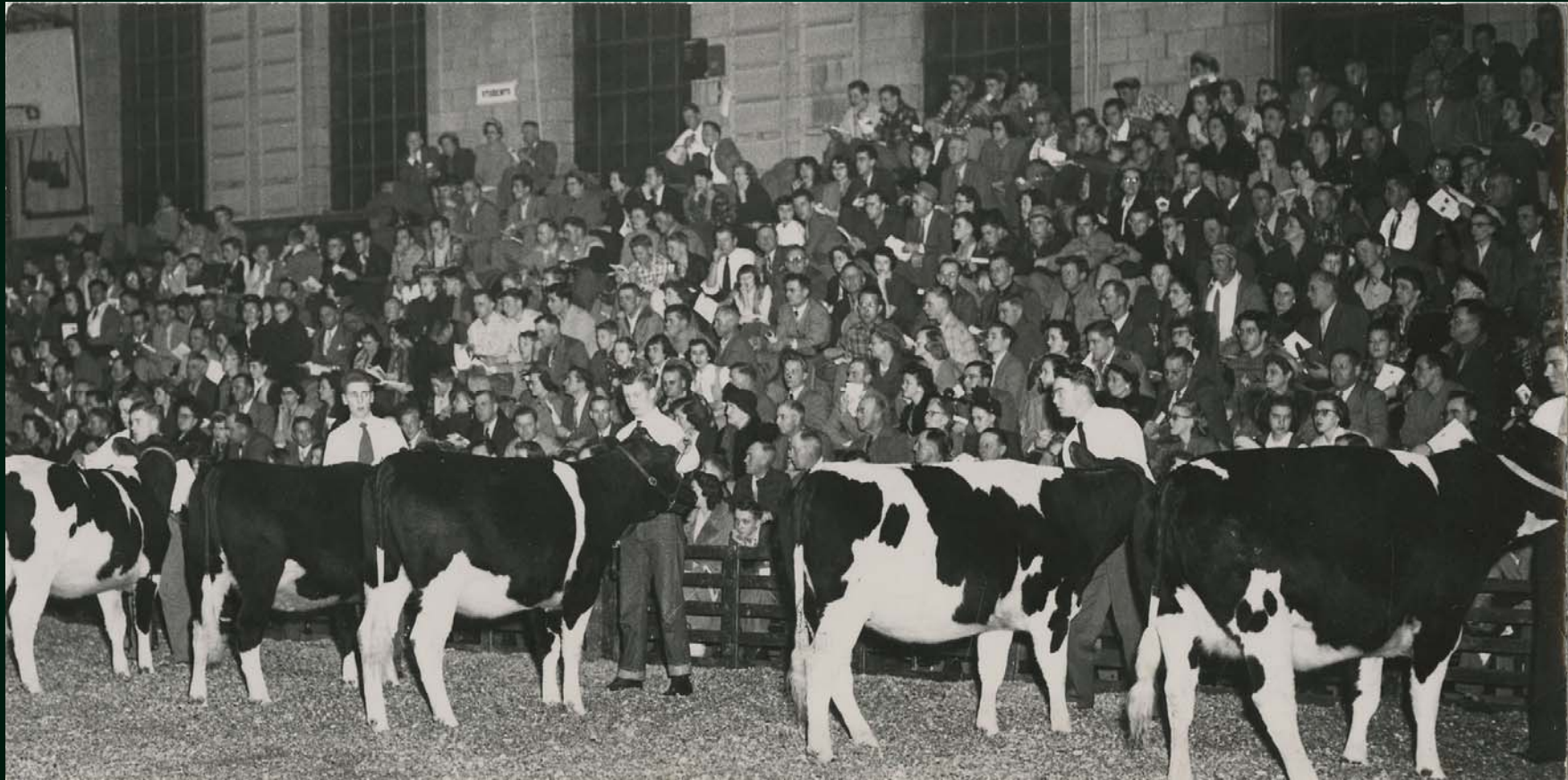
Reserve Piano Victor Records
Exclusive Management: VICTOR RECORDS
HUBBARD ATTRACTIONS, INC., 711 FIFTH AVE., N. Y. C.
Booking Director: National Concert and Artists Corp.

THE THIRTY-SECOND ANNUAL LYCEUM SERIES
FESTIVAL HALL - STATE COLLEGE
Monday Eve., January 25, 1943 at 8:15 P. M.

Reserved Seats: Single Admission \$2.00 and \$1.50 — General Admission \$1.00
Seats now on sale at The Little Country Theatre, North Dakota State College, Fargo, N. D., U.S.A.

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Little International in Bentson-Bunker Fieldhouse



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NDAC in 1953



1957 Tornado



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1957 Tornado



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1957 Tornado



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1957 Tornado



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Louis Armstrong – on stage in Bentson-Bunker

1957



NDAC becomes NDSU

Numerous proposals over the years

1900 – State College and School of Agriculture

1919 – The State College of Agriculture and
Mechanic Arts

1929 – North Dakota State College

1954 – North Dakota State College of Agricultural
and Mechanical Arts

1958 – North Dakota State University

NDAC becomes NDSU

1958 – Students prepared leaflet in support of change

April 1, 1958 – State Board voted it down (1 to 6)

Petition launched to place it on 1958 ballot

November 1958 – 61,470 yes: 71,960 no

October 1958 – report on Higher Education in North

Dakota – outlined numerous necessary changes

November 1960 – another vote – 153,409 to 73,827

North Dakota State University of Agriculture and Applied Science

NDSU in 1960



NI

12th Avenue Bridge



NDSU

Graduate Programs

1954 – Graduate School created

Dr. Glenn Smith – founding Dean

1960 – 39 Master's degree programs

4 PhD programs

Animal Science

Chemistry

Pharmacy

Plant Science

Five PhD degrees granted in 1963

Catherine Cater

Ph.D. In English in 1945

Moorhead State Teachers College

1948 – 1962

1962 – joined NDSU Faculty to teach
English and Philosophy

1968 – initiated the Honors program

Course – An approach to the Humanities



James Sugihara

1947 – PhD Chemistry – University of Utah

1955 to 1963 – faculty at University of Utah

1963 - Dean of NDSU College of Chemistry

1974 – Founding Dean NDSU College of
Science and Math

M.S. program was interrupted in 1942
placed in internment camp

2018 - inaugural PKP Distinguished
Emeritus Award (100th birthday)

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Evangelina Villegas

World Food Prize Laureate – 2000

Ph.D. in Cereal Chemistry – NDSU 1963

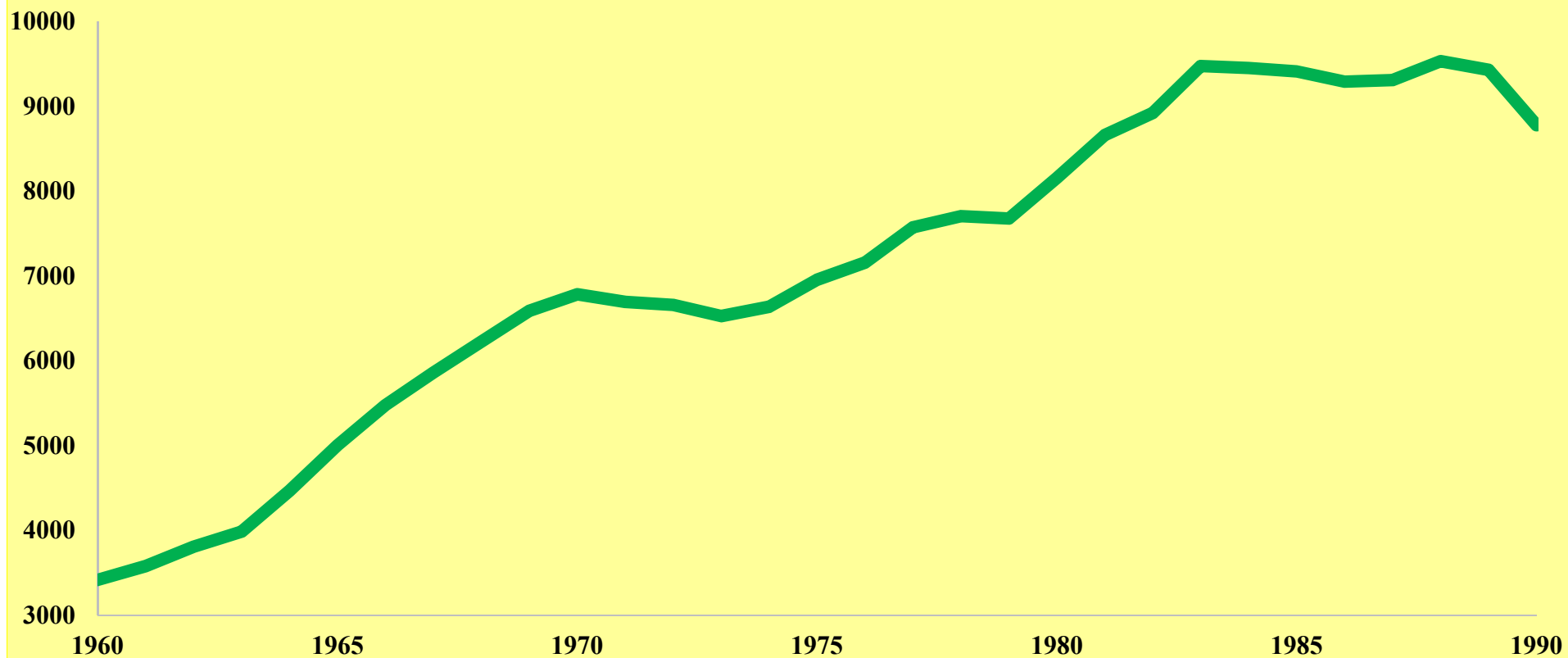
International Maize and Wheat

Improvement Center - 1967 to 1989

Developed a higher protein maize –
helped to alleviate malnutrition,
especially in children, in developing
countries



Enrollment of NDSU (1960 - 1990)



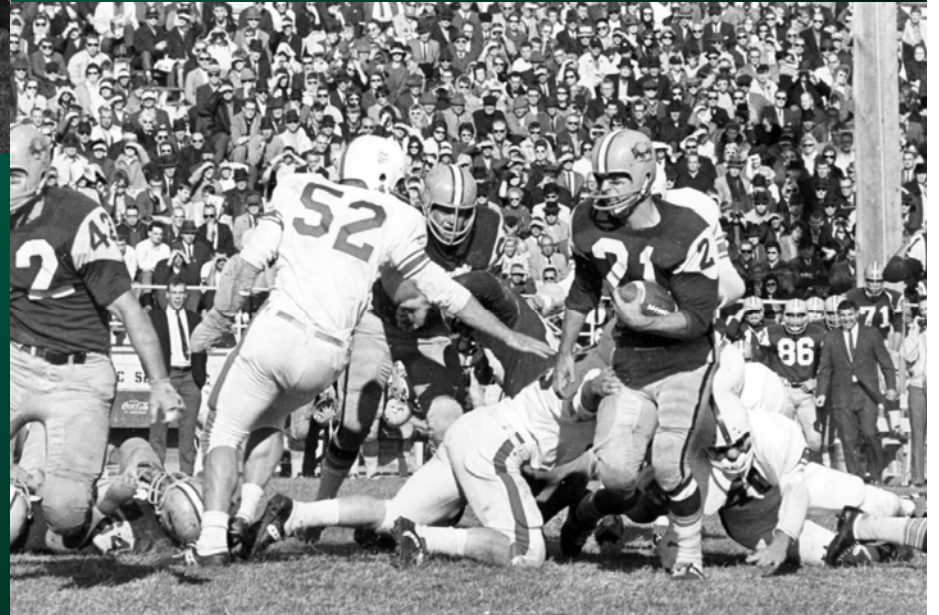
Football



1960

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1965



Football



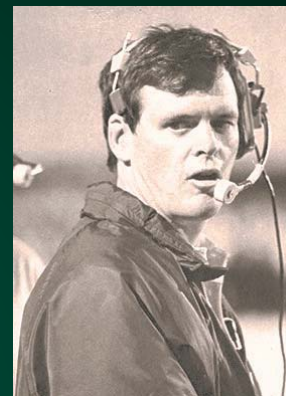
Darrell Mudra



Ron Erhardt

8 Division II Championships

7 FCS Championships



Don Morton



Rocky Hager

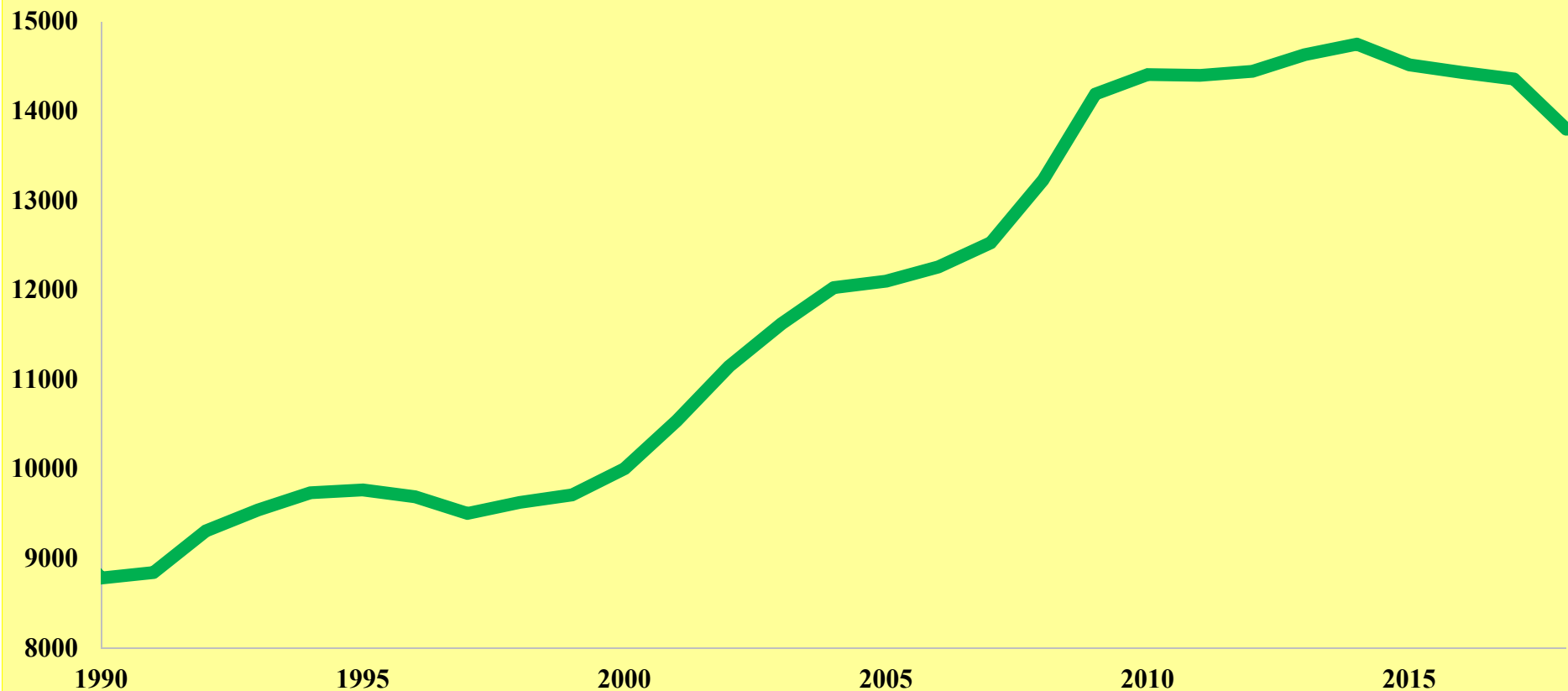


Craig Bohl



Chris Kleiman

Enrollment of NDSU (1990 - 2018)



NDSU since 1990

Rapid growth in students

Expansion of number of PhD programs

Ranking among Research Universities

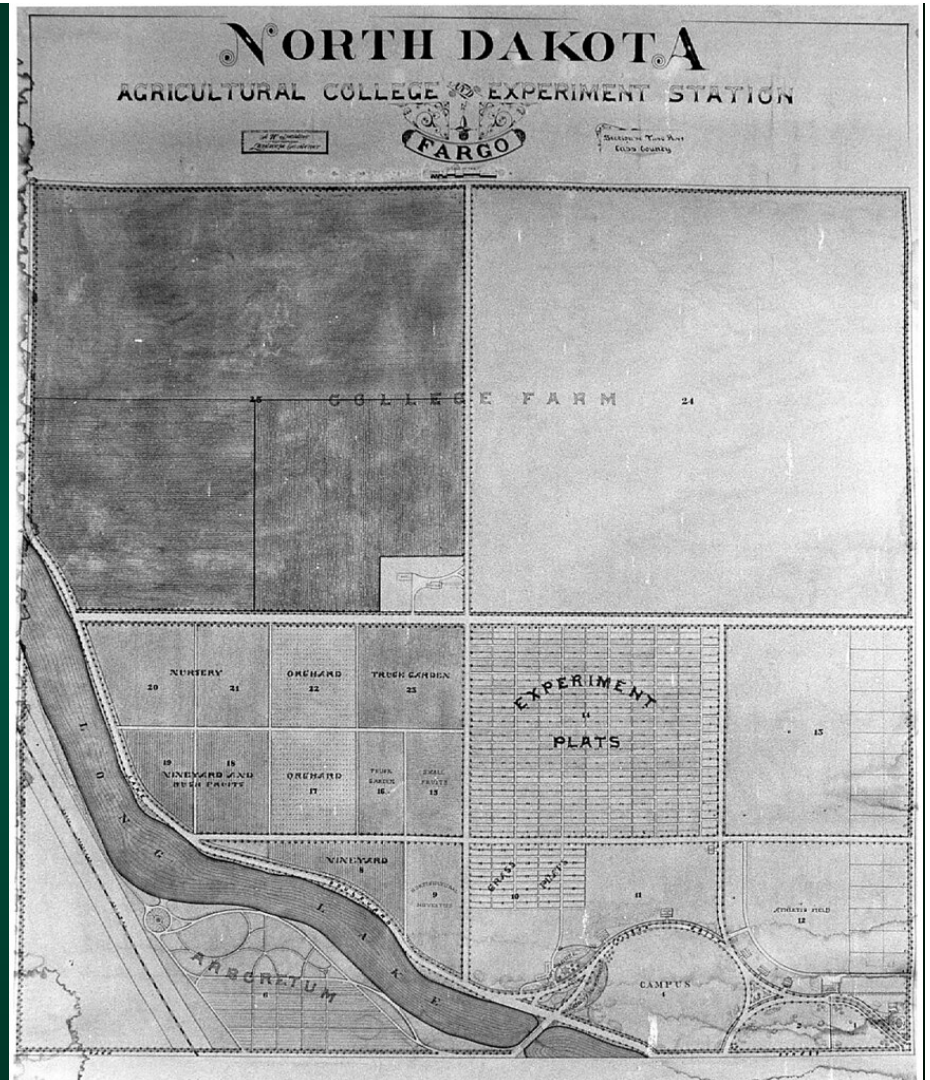
Move to Division I in Athletics

Established National Brand



We have come a long way from this -

NDSU NORTH DAKOTA STATE UNIVERSITY





North Dakota State University

NDSU