History of NDSU

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History of NDSU

Many thanks to NDSU archives

https://www.flickr.com/photos/ndsu-university-archives/albums
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 the 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
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
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
“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)
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

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

NDSU NORTH DAKOTA STATE UNIVERSITY
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
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
Campus Map - 1910

Old Main
Putnam
Minard
South Engineering
V = Old Van Es
W = Ceres
Smith-Lever Act - 1914

Cooperative extension
Instruction and practical demonstration

Agriculture
Home Economics
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

NDSU NORTH DAKOTA STATE UNIVERSITY
Enrollment of NDAC (1910 - 1930)
NDAC in 1923
Nobles Golden Marguerite
Dairy Building
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
Enrollment of NDAC (1930 - 1960)
NDAC in 1948
Silver City – post war student housing
Festival Hall – 1897 to 1982
Festival Hall

RACHMANINOFF

The Twenty-second Annual Lyceum Series
FESTIVAL HALL - STATE COLLEGE
Monday Evening, NOVEMBER 8th, at 8:15 o'clock

Reserved Seats Single Admissions, $2.30, $1.65
General Admission: $1.50 (tax included)

See also ad in THE LITTLE COUNTRY THEATRE,
North Dakota State College, Fargo, North Dakota

NDsu
NORTH DAKOTA
STATE UNIVERSITY
NDAC in 1953
1957 Tornado
1957 Tornado
1957 Tornado
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
12th Avenue Bridge
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)
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

- Darrell Mudra
- Ron Erhardt
- Don Morton
- Rocky Hager
- Craig Bohl
- Chris Kleiman

8 Division II Championships
7 FCS Championships
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 -